

LAMPIRAN

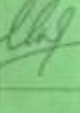
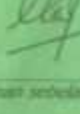
LAMPIRAN -1 Kartu Monitoring



KARTU MONITORING BIMBINGAN
 MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
 FAKULTAS TEKNIK
 UNIVERSITAS MUHAMMADIYAH PAREPARE

PROPOSAL

Mahasiswa : Nurul Mu'min	Pembimbing I : Wahyuddin, S.Kom., M.Kom
NIM : 220280189	Pembimbing II : Ir. Untung Suwardoyo, S.Kom., M.T., LP.P.
Judul Skripsi : Aplikasi panduan lengkap hidroponik berbasis android	

ARAHAN PEMBIMBING I	HARITGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARITGL & PARAF PEMBIMBING
Konsultasi 1 - Perbaiki Desain sistem	b	Konsultasi 1 1. Desain masalah 2. Masalah dan solusi bot 3. Langkah awal 4. Algoritma dan bahan 5. Algoritma dan Algoritma	
Konsultasi 2 - Singkatkan BAB II Bisa Daftar pustaka	b	Konsultasi 2 1. Flawchart 2. Algoritma UI	
Konsultasi 3 - Tambahkan teori hidroponik pada BAB II	b	Konsultasi 3 Perbaiki Flawchart dan UI serta pustaka	
Konsultasi 4 Acc	b	Konsultasi 4 - Buat juga Perken metode Penulisan - Tambahkan bagian masalah	
Konsultasi 5		Konsultasi 5 Revisi	

Lampir ke halaman sebelah

Petunjuk :

1. Mahasiswa wajib menghadiri minimal 3 kali
2. Kartu ini wajib dibawa oleh mahasiswa during konsultasi dan diserahkan Pembimbing
3. Kartu ini wajib diserahkan pada tanggal tercapai dari tanggal sudah satu persampul dan tidak boleh penundaan lagi
4. Kartu ini dibuat di atas kertas karton berwarna putih merah dan dibuat tidak rusak

Contoh

ARAHAN PEMASIBING I	HARI/TGL & PARAF PEMASIBING	ARAHAN PEMASIBING II	HARI/TGL & PARAF PEMASIBING
Konsultasi 0		Konsultasi 0 Ace	
Konsultasi 1		Konsultasi 1	
Konsultasi 2		Konsultasi 2	
Konsultasi 3		Konsultasi 3	
Konsultasi 4		Konsultasi 4	
Konsultasi 5		Konsultasi 5	

Mengetahui
Ketua Program Studi

Marlina, S.Kom., M.Kom.
NIM. 1162 680

Parepare, 26 Maret 2024

Mahasiswa

Nurul Mu'nis
NIM. 220280109

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa disertai konsultasi dan direvisi Pembimbing
3. Kartu ini wajib ditempatkan pada bagian depan dan belakang, serta satu perserikan untuk saat seminar proposal/ujian wisuda
4. Kartu ini harus di scan setiap konsultasi berkala yang sudah dan disertai tanda jala



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MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS TEKNIK
UNIVERSITAS MUHAMMADIYAH PAREPARE

SKRIPSI

Mahasiswa	: Nurul Mu'min	Pembimbing I	: Wahyuddin, S.Kom., M.Kom
NIM	: 220280109	Pembimbing II	: Ir. Untung Suwardoyo, S.Kom., M.T., I.P.P.
Judul Skripsi	: Aplikasi Panduan Lengkap Hidroponik Berbasis Android		

ARAHAN PEMBIMBING I	HARI/TOL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TOL & PARAF PEMBIMBING
Konsultasi 1 Proses deteksi Hama Penghant		Konsultasi 1 1. tentukan Pagar yg dpt pang hidropnik 2. apa ke kegunaan 3. apa script program	
Konsultasi 2 Acc		Konsultasi 2 1. Akhir 2. Kapan 3. Uj: akurasi deteksi	
Konsultasi 3 Acc contoh		Konsultasi 3 1. akurasi 2. Kapan 3. akurasi	
Konsultasi 4		Konsultasi 4 Acc ke pers 1	
Konsultasi 5		Konsultasi 5 Acc Tump	

Lanjut ke halaman sebelah

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa selama konsultasi dan diisi oleh Pembimbing
3. Kartu ini wajib diserahkan pada akhir skripsi dan mengisi kartu satu persatuan untuk bisa dinilai pengesahan skripsi
4. Kartu ini berlaku di area sekitar kampus M4 beresama objek studi yang akan diteliti

Lampiran

LAMPIRAN -2 Kuesioner

KUESIONER APLIKASI PANDUAN LENGKAP HIDROPONIK BERBASIS ANDROID

Tujuan: Kuesioner ini bertujuan untuk mengetahui apakah aplikasi panduan hidroponik berbasis Android yang saya rancang sebagai salah satu syarat skripsi di Program Strata-1 Jurusan Teknik Informatika, Fakultas Teknik, Universitas Muhammadiyah Parepare, dapat membantu masyarakat dalam memahami dan menerapkan teknik bercocok tanam hidroponik dengan lebih mudah dan praktis. Selain itu, kuesioner ini bertujuan untuk mengidentifikasi kebutuhan dan preferensi masyarakat agar aplikasi yang saya kembangkan dapat memenuhi harapan pengguna serta sesuai dengan kebutuhan dan kondisi mereka.

Petunjuk Pengisian:

- Silang (X) jawaban yang anda pilih.
- Jawaban Anda sangat berharga untuk penyelesaian tugas akhir.

1. Apakah aplikasi mudah dioperasikan?
 - a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit
2. Apakah tampilan aplikasi memudahkan anda dalam mengetahui informasi pada aplikasi?
 - a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit
3. Apakah informasi dan fitur yang tersedia sesuai dengan yang dibutuhkan?
 - a. Sangat sesuai
 - b. Sesuai
 - c. Netral
 - d. Tidak Sesuai
4. Apakah informasi hidroponik pada aplikasi mudah dimengerti?
 - a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit
5. Apakah gambar dan teks pada aplikasi memudahkan dalam mengetahui informasi hidroponik?
 - a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit
6. Apakah audio suara pada aplikasi memudahkan dalam mengetahui informasi hidroponik?
 - a. Sangat Mudah

- b. Mudah
 - c. Netral
 - d. Sulit
7. Apakah fitur video pada aplikasi memudahkan dalam mengetahui informasi hidroponik?
- a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit
8. Apakah fitur kamera pendeteksi Penyakit dan hama pada aplikasi berguna bagi pengguna hidroponik?
- a. Sangat berguna
 - b. Berguna
 - c. Netral
 - d. Tidak berguna
9. Apakah panduan langkah-langkah bercocok tanam hidroponik yang tersedia di aplikasi ini mudah diikuti?
- a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit
10. Apakah Anda merasa aplikasi ini dapat memudahkan anda memperkaya pengetahuan Anda tentang perawatan dan solusi untuk masalah yang umum dihadapi dalam hidroponik?
- a. Sangat Mudah
 - b. Mudah
 - c. Netral
 - d. Sulit

Terima Kasih Atas Partisipasi Anda Dalam Mengisi Kuesioner Ini!



LAMPIRAN -3 Script Aplikasi

1. Splash_screen

```
package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;

public class SplashScreen extends
    AppCompatActivity {

    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_splash_screen);

        final Handler handler = new
            Handler();
        handler.postDelayed( new
            Runnable() {
                @Override
                public void run() {
                    startActivity(new
                        Intent(getApplicationContext()
                            , Home.class));
                    finish();
                }
            }, 3000L);
    }
}
```

2. Home

```
package
    com.example.aplikasihidropon
    ik;
```

```
import
    androidx.appcompat.app.App
   CompatActivity;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.content.DialogInterface;
import android.view.KeyEvent;
import
    androidx.appcompat.app.Alert
    Dialog;

public class Home extends
    AppCompatActivity {
    Button masuk, tentang_aplikasi;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_home);
        masuk = (Button)
            findViewById(R.id.masuk);
        tentang_aplikasi = (Button)
            findViewById(R.id.tentang_ap
                likasi);

        masuk.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent Bukasatu =new
                        Intent(getApplicationContext()
                            , Menu_utama.class);
                    startActivity(Bukasatu);
                }
            });

        tentang_aplikasi.setOnClickLi
```

```

        stener(new
        View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Bukadua();
            }
        });
    }

    public void Bukadua () {
        Intent Bukadua =new
        Intent(getApplicationContext()
        , Tentang_aplikasi.class);
        startActivity(Bukadua);
    }

    public boolean onKeyDown(int
        keyCode, KeyEvent event) {
        if (keyCode ==
            KeyEvent.KEYCODE_BACK
        ) {
            showExitConfirmationDialog();
            return true; // Prevent the default
            behavior (exit the app)
        }
        return super.onKeyDown(keyCode,
            event);
    }

    private void
        showExitConfirmationDialog(
        ) {
        new AlertDialog.Builder(this)
            .setMessage("Apakah Anda
            yakin ingin keluar?")
            .setPositiveButton("Ya", new
            DialogInterface.OnClickListener() {
                @Override
                public void
                onClick(DialogInterface
                dialog, int which) {
                    finish(); // Close the
                    application
                }
            })
            .setNegativeButton("Tidak",
            null)
            .show();
    }
}

```

3. Menu_utama

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;

import
    androidx.appcompat.widget.T
   oolbar;

import
    androidx.cardview.widget.Car
    dView;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageButton;

public class Menu_utama extends
    AppCompatActivity {
    private CardView btn1, btn2, btn3,
        btn4, btn5, btn6;

    private ImageButton btnBack;

    @Override
    protected void onCreate(Bundle
        savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_menu_utama);

        CardView cardView =
            findViewById(R.id.btn1);

        cardView.setCardBackground
            Color(getResources().getColor
            (R.color.my_card_color));

        CardView cardView1 =
            findViewById(R.id.btn2);

        cardView1.setCardBackgroun
            dColor(getResources().getCol
            or(R.color.my_card_color));
    }
}

```

```

    CardView cardView2 =
        findViewById(R.id.btn3);

        cardView2.setCardBackground
        dColor(getResources().getColor
        or(R.color.my_card_color));

    CardView cardView3 =
        findViewById(R.id.btn4);

        cardView3.setCardBackground
        dColor(getResources().getColor
        or(R.color.my_card_color));

    CardView cardView4 =
        findViewById(R.id.btn5);

        cardView4.setCardBackground
        dColor(getResources().getColor
        or(R.color.my_card_color));

    CardView cardView5 =
        findViewById(R.id.btn6);

        cardView5.setCardBackground
        dColor(getResources().getColor
        or(R.color.my_card_color));

    Toolbar toolbar =
        findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);

        getSupportActionBar().setDisplay
        ShowTitleEnabled(false);

        getLayoutInflater().inflate(R.la
        yout.toolbar_title1, toolbar);
    // Initialize TextToSpeech
    btn1 = findViewById(R.id.btn1);
    btn2 = findViewById(R.id.btn2);
    btn3 = findViewById(R.id.btn3);
    btn4 = findViewById(R.id.btn4);
    btn5 = findViewById(R.id.btn5);
    btn6 = findViewById(R.id.btn6);
    btnBack =
        findViewById(R.id.btnBack);

    btn1.setOnClickListener(new
        View.OnClickListener() {

```

```

        @Override
        public void onClick(View v) {
            Intent intent = new
            Intent(getApplicationContext()
            , Menu_satu.class);
            startActivity(intent);
        }
    });
    btn2.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new
            Intent(getApplicationContext()
            , Menu_dua.class);
            startActivity(intent);
        }
    });
    btn3.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new
            Intent(getApplicationContext()
            , Menu_tiga.class);
            startActivity(intent);
        }
    });
    btn4.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new
            Intent(getApplicationContext()
            , Menu_empat.class);
            startActivity(intent);
        }
    });
    btn5.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new
            Intent(getApplicationContext()
            , Menu_lima.class);
            startActivity(intent);
        }
    });
    btn6.setOnClickListener(new
        View.OnClickListener() {

```

```

@Override
public void onClick(View v) {
    Intent intent = new
    Intent(getApplicationContext()
    ,
    Pendeteksi_PenyakitHama.class);
    startActivity(intent);
}
});
btnBack.setOnClickListener(v ->
    finish());
}
}

```

4. Menu_satu

```

package
    com.example.aplikasihidroponik;

import
    androidx.appcompat.app.AppCompatActivity;
import
    androidx.appcompat.widget.Toolbar;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;

public class Menu_satu extends
    AppCompatActivity {

    Button btn1;
    Button btn2;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);
    }
}

```

```

setContentView(R.layout.activity_menu_satu);

```

```

Toolbar toolbar =
    findViewById(R.id.toolbar);
setSupportActionBar(toolbar);

getSupportActionBar().setDisplayHomeAsUpEnabled(true);

getSupportActionBar().setDisplayShowTitleEnabled(false);

getLayoutInflater().inflate(R.layout.toolbar_titulo,
    toolbar);

```

```

ImageButton btnBack =
    findViewById(R.id.btnBack);
btnBack.setOnClickListener(v ->
    onBackPressed());

```

```

btn1 = (Button)
    findViewById(R.id.btn1);
btn2 = (Button)
    findViewById(R.id.btn2);

```

```

btn1.setOnClickListener(new
    View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent Bukasatu = new
        Intent(getApplicationContext()
        , Definisi_Hidroponik.class);
        startActivity(Bukasatu);
    }
});

btn2.setOnClickListener(new
    View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Bukadua();
    }
});

}

public void Bukadua () {
    Intent Bukadua = new
    Intent(getApplicationContext()
    , Definisi_Hidroponik.class);
    startActivity(Bukadua);
}
}

```

```

        ,
        Keunggulan_Hidroponik.class
    );
    startActivity(Bukadua);
}
}

```

5. Menu_dua

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;

public class Menu_dua extends
    AppCompatActivity {

    ImageButton kembali_M;
    Button btnM1, btnM2, btnM3;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_menu_dua);
        kembali_M = (ImageButton)
            findViewById(R.id.kembali_
                M);
        btnM1 = (Button)
            findViewById(R.id.btnM1);
        btnM2 = (Button)
            findViewById(R.id.btnM2);
        btnM3 = (Button)
            findViewById(R.id.btnM3);

        kembali_M.setOnClickListener

```

```

        r(new View.OnClickListener()
        {
            @Override
            public void onClick(View v) {
                Intent Bukasatu =new
                Intent(getApplicationContext()
                , Menu_utama.class);
                startActivity(Bukasatu);
            }
        });

        btnM1.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent Bukasatu =new
                    Intent(getApplicationContext()
                    , Media_Hidroponik.class);
                    startActivity(Bukasatu);
                }
            });

        btnM2.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent Bukasatu = new
                    Intent(getApplicationContext()
                    , Pupuk_Hidroponik.class);
                    startActivity(Bukasatu);
                }
            });

        btnM3.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Bukadua();
                }
            });
    }

    public void Bukadua () {
        Intent Bukadua =new
        Intent(getApplicationContext()
        , Tips_Pupuk.class);
        startActivity(Bukadua);
    }
}

```

6. Menu_tiga

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;

public class Menu_tiga extends
    AppCompatActivity {
    ImageButton kembali_T;
    Button btnT1, btnT2;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_menu_tiga);
        kembali_T = (ImageButton)
            findViewById(R.id.kembali_T
                );
        btnT1 = (Button)
            findViewById(R.id.btnT1);
        btnT2 = (Button)
            findViewById(R.id.btnT2);

        kembali_T.setOnClickListener(
            new View.OnClickListener()
            {
            @Override
            public void onClick(View v) {
                Intent Bukasatu =new
                Intent(getApplicationContext()
                , Menu_utama.class);
                startActivity(Bukasatu);
            }
            }
        );
    }

```

```

    });
    btnT1.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent Bukasatu =new
            Intent(getApplicationContext()
            , Teknik_Hidroponik.class);
            startActivity(Bukasatu);
        }
    });
    btnT2.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Bukadua();
        }
    });
}

public void Bukadua (){
    Intent Bukadua =new
    Intent(getApplicationContext()
    , Penanaman_Hidroponik.class)
    ;
    startActivity(Bukadua);
}
}

```

7. Menu_empat

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;

public class Menu_empat extends
    AppCompatActivity {

    ImageButton kembali_P;
    Button btnP1;
    Button btnP2;

```

```

@Override
protected void onCreate(Bundle
    savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activ
ity_menu_empat);
    kembali_P = (ImageButton)
        findViewById(R.id.kembali_P
    );
    btnP1 = (Button)
        findViewById(R.id.btnP1);
    btnP2 = (Button)
        findViewById(R.id.btnP2);

    kembali_P.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent Bukasatu =new
            Intent(getApplicationContext()
            , Menu_utama.class);
            startActivity(Bukasatu);
        }
    });

    btnP1.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent Bukasatu =new
            Intent(getApplicationContext()
            ,
            Hamapenyakit_Hidroponik.cla
            ss);
            startActivity(Bukasatu);
        }
    });
    btnP2.setOnClickListener(new
        View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Bukadua();
        }
    });
}
public void Bukadua () {

```

```

        Intent Bukadua =new
        Intent(getApplicationContext()
        ,
        Pengendalian_Penyakithama.c
        lass);
        startActivity(Bukadua);
    }
}

```

8. Menu_lima

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;

public class Menu_lima extends
    AppCompatActivity {
    ImageButton kembali_V;
    Button btnV1, btnV2;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
ity_menu_lima);
        kembali_V = (ImageButton)
            findViewById(R.id.kembali_
            V);
        btnV1 = (Button)
            findViewById(R.id.btnV1);
        btnV2 = (Button)
            findViewById(R.id.btnV2);
    }
}

```

```

        kembali_V.setOnClickListener(
            new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent Bukasatu = new
                    Intent(getApplicationContext()
                    , Menu_utama.class);
                    startActivity(Bukasatu);
                }
            });

        btnV1.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent Bukasatu = new
                    Intent(getApplicationContext()
                    , Vidiomerakit_Hidroponik.clas
                    s);
                    startActivity(Bukasatu);
                }
            });

        btnV2.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Bukadua();
                }
            });
    }

    public void Bukadua () {
        Intent Bukadua = new
        Intent(getApplicationContext()
        , Vidiopenanaman_Hidroponik.
        class);
        startActivity(Bukadua);
    }
}

```

9. Menu_enam

```

package
    com.example.aplikasihidropon
    ik;

```

```

import
    androidx.appcompat.app.App
   CompatActivity;

import
    androidx.appcompat.widget.T
    oolbar;

import
    androidx.cardview.widget.Car
    dView;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.TextView;

public class Menu_enam extends
    AppCompatActivity {

    ImageView action_image;
    TextView text;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_menu_enam);
        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplay
            HomeAsUpEnabled(true);

        getSupportActionBar().setDisplay
            ShowTitleEnabled(false);
        // Hapus judul default
        // Menetapkan layout kustom ke
        Toolbar

        getLayoutInflater().inflate(R.la
            yout.toolbar_title13, toolbar);
    }
}

```

```

ImageButton btnBack =
    findViewById(R.id.btnBack);
btnBack.setOnClickListener(v ->
    onBackPressed());

CardView cardView =
    findViewById(R.id.card);

    cardView.setCardBackgroundColor(
        getResources().getColor(
            R.color.my_card_color));

action_image = (ImageView)
    findViewById(R.id.action_im
        age);
text = (TextView)
    findViewById(R.id.text);

        action_image.setOnClickListener(
            new
            View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent Bukasatu =new
                Intent(getApplicationContext()
                    ,
                    Pendeteksi_Penyakithama.clas
                    s);
                startActivity(Bukasatu);
            }
            });
text.setOnClickListener(new
    View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent Bukasatu =new
            Intent(getApplicationContext()
                ,
                Pendeteksi_Penyakithama.clas
                s);
            startActivity(Bukasatu);
        }
    });

}
}

```

10. Definisi_Hidroponik

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
    CompatActivity;
import android.annotation.SuppressLint;
import android.net.Uri;
import android.os.Bundle;
import
    android.speech.tts.TextToSpee
    ch;
import
    android.speech.tts.UtterancePr
    ogressListener;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import
    androidx.appcompat.widget.T
    oolbar;
import java.util.Locale;

public class Definisi_Hidroponik
    extends AppCompatActivity
    implements
    TextToSpeech.OnInitListener
    {

        private TextToSpeech textToSpeech;

        private boolean isSpeaking = false;

        @SuppressWarnings("MissingInflatedId")
        @Override
        protected void onCreate(Bundle
            savedInstanceState) {

            super.onCreate(savedInstanceState);

```

```

        setContentView(R.layout.activity_definisi_hidroponik);

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        getSupportActionBar().setDisplayShowTitleEnabled(false);

        getLayoutInflater().inflate(R.layout.toolbar_title, toolbar);

        ImageButton btnBack =
            findViewById(R.id.btnBack);
        btnBack.setOnClickListener(v ->
            onBackPressed());

        textToSpeech = new
            TextToSpeech(this, status -> {
                if (status !=
                    TextToSpeech.ERROR) {

                    textToSpeech.setLanguage(Locale.getDefault());

                    textToSpeech.setOnUtteranceProgressListener(new
                        UtteranceProgressListener() {
                            @Override
                            public void onStart(String
                                utteranceId) {
                                    isSpeaking = true;
                                }

                            @Override
                            public void onDone(String
                                utteranceId) {
                                    isSpeaking = false;
                                }

                            @Override
                            public void onError(String
                                utteranceId) {
                                    }
                                });

```

```

        });
        ImageView soundIcon1 =
            findViewById(R.id.soundIcon1);
        soundIcon1.setOnClickListener(v -> {
            String text = ((TextView)
                findViewById(R.id.textView1))
                .getText().toString();
            String text1 = ((TextView)
                findViewById(R.id.textView2))
                .getText().toString();
            String text2 = ((TextView)
                findViewById(R.id.textView3))
                .getText().toString();
            speakText(text + " " + text1 + " "
                + text2);
        });
        ImageButton stopButton =
            findViewById(R.id.stopButton);
        stopButton.setOnClickListener(v -> {
            if (textToSpeech != null) {
                textToSpeech.stop();
                isSpeaking = false;
            }
        });
        VideoView videoView =
            findViewById(R.id.videoView2);
        ImageView placeholder =
            findViewById(R.id.videoThumbnail);
        ImageView playButton =
            findViewById(R.id.playButton);
        MediaController mediaController =
            new MediaController(this);

        mediaController.setAnchorView(videoView);

        videoView.setMediaController(mediaController);

        Uri videoUri =
            Uri.parse("android.resource://"

```

```

        + getPackageName() + "/" +
        R.raw.definisi_hidroponik);

        videoView.setVideoURI(videoUri);
        playButton.setOnClickListener(v -
        > {

            placeholder.setVisibility(View
            .GONE);

            playButton.setVisibility(View.
            GONE);

            videoView.setVisibility(View.
            VISIBLE);
            videoView.start();
        });
    }

    private void speakText(String text) {
        textToSpeech.speak(text,
            TextToSpeech.QUEUE_FLUSH,
            null, "UniqueID");
    }

    @Override
    protected void onDestroy() {
        if (textToSpeech != null) {
            textToSpeech.stop();
            textToSpeech.shutdown();
        }
        super.onDestroy();
    }

    @Override
    public void onInit(int status) {

    }

}

```

11. Keunggulan_Hidroponik

```

package
    com.example.aplikasihidroponik;

```

```

import
    androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.net.Uri;
import android.os.Bundle;
import
    android.speech.tts.TextToSpeech;

import
    android.speech.tts.TextToSpeech.OnInitListener;

import
    android.speech.tts.UtteranceProgressListener;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import
    androidx.appcompat.widget.Toolbar;
import java.util.Locale;
public class Keunggulan_Hidroponik
    extends AppCompatActivity
    implements OnInitListener {

    private TextToSpeech textToSpeech;
    private boolean isSpeaking = false;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_keunggulan_hidroponik);

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

```

```

        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        getSupportActionBar().setDisplayShowTitleEnabled(false);
        // Hapus judul default
// Menetapkan layout kustom ke Toolbar

        getLayoutInflater().inflate(R.layout.toolbar_title2, toolbar);

        ImageButton btnBack =
            findViewById(R.id.btnBack);
        btnBack.setOnClickListener(v ->
            onBackPressed());

        textToSpeech = new
            TextToSpeech(this, status -> {
                if (status !=
                    TextToSpeech.ERROR) {

                    textToSpeech.setLanguage(Locale.getDefault());

                    textToSpeech.setOnUtteranceProgressListener(new
                        UtteranceProgressListener() {
                            @Override
                            public void onStart(String
                                utteranceId) {
                                    isSpeaking = true;
                                }

                            @Override
                            public void onDone(String
                                utteranceId) {
                                    isSpeaking = false;
                                }

                            @Override
                            public void onError(String
                                utteranceId) {
                                }
                            }
                        });
            });
    }
}

```

```

// Set up sound icons to read
    corresponding TextView text
    ImageView soundIcon1 =
        findViewById(R.id.soundIcon1);
    soundIcon1.setOnClickListener(v -> {
        String text = ((TextView)
            findViewById(R.id.textView))
            .getText().toString();
        String text1 = ((TextView)
            findViewById(R.id.textView1))
            .getText().toString();
        speakText(text + " " + text1);
    });

    ImageView soundIcon2 =
        findViewById(R.id.soundIcon2);
    soundIcon2.setOnClickListener(v -> {
        String text1 = ((TextView)
            findViewById(R.id.textView2))
            .getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView3))
            .getText().toString();
        String text3 = ((TextView)
            findViewById(R.id.textView4))
            .getText().toString();
        speakText(text1 + " " + text2 + " " + text3);
    });

    ImageButton stopButton =
        findViewById(R.id.stopButton);
    stopButton.setOnClickListener(v -> {
        if (textToSpeech != null) {
            textToSpeech.stop();
            isSpeaking = false;
        }
    });

    VideoView videoView =
        findViewById(R.id.videoView3);

    ImageView placeholder =
        findViewById(R.id.videoThumbnail);

```

```

    ImageView playButton =
        findViewById(R.id.playButton);
    MediaController mediaController =
        new MediaController(this);

    mediaController.setAnchorView(videoView);

    videoView.setMediaController(mediaController);

    Uri videoUri =
        Uri.parse("android.resource://"
            + getPackageName() + "/" +
            R.raw.keunggulan_hidroponik
        );

    videoView.setVideoURI(videoUri);
    playButton.setOnClickListener(v -
        > {

        placeholder.setVisibility(View.GONE);

        playButton.setVisibility(View.GONE);

        videoView.setVisibility(View.VISIBLE);
        videoView.start();
    });
}

private void speakText(String text) {
    textToSpeech.speak(text,
        TextToSpeech.QUEUE_FLUSH, null, "UniqueID");
}

@Override
protected void onDestroy() {
    if (textToSpeech != null) {
        textToSpeech.stop();
        textToSpeech.shutdown();
    }
    super.onDestroy();
}

```

```

    @Override
    public void onInit(int status) {

    }

}

```

12. Media_Hidroponik

```

package
    com.example.aplikasihidroponik;

import
    androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.os.Bundle;
import
    android.speech.tts.TextToSpeech;

import
    android.speech.tts.UtteranceProgressListener;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import android.net.Uri;
import
    androidx.appcompat.widget.Toolbar;
import java.util.List;
import java.util.Locale;

public class Media_Hidroponik extends
    AppCompatActivity
    implements
        TextToSpeech.OnInitListener
    {

    private List<TextView>
        textViewList;
    private TextToSpeech textToSpeech;
    private int currentTextIndex = 0;

    private boolean isSpeaking = false;

```

```

@SuppressLint("MissingInflatedId")
@Override
protected void onCreate(Bundle
    savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_media_hidroponik);

```

```

Toolbar toolbar =
    findViewById(R.id.toolbar);
supportActionBar(toolbar);

supportActionBar().setDisplayHomeAsUpEnabled(true);

supportActionBar().setDisplayHomeAsUpEnabled(false);

LayoutInflater.inflate(R.layout.toolbar_title3, toolbar);

```

```

ImageButton btnBack =
    findViewById(R.id.btnBack);
btnBack.setOnClickListener(v ->
    onBackPressed());

```

```

textToSpeech = new
    TextToSpeech(this, status -> {
    if (status !=
        TextToSpeech.ERROR) {

        textToSpeech.setLanguage(Locale.getDefault());

        textToSpeech.setOnUtteranceProgressListener(new
            UtteranceProgressListener() {
            @Override
            public void onStart(String
                utteranceId) {
                isSpeaking = true;
            }

            @Override
            public void onDone(String
                utteranceId) {

```

```

                isSpeaking = false;
            }

            @Override
            public void onError(String
                utteranceId) {
            }
        });
    }
});

```

```

ImageView soundIcon2 =
    findViewById(R.id.soundIcon2);
soundIcon2.setOnClickListener(v -> {
    String text1 = ((TextView)
        findViewById(R.id.textView1))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView2))
        .getText().toString();
    speakText(text1 + " " + text2);
});

```

```

ImageView soundIcon3 =
    findViewById(R.id.soundIcon3);
soundIcon3.setOnClickListener(v -> {
    String text1 = ((TextView)
        findViewById(R.id.textView3))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView4))
        .getText().toString();
    speakText(text1 + " " + text2);
});

```

```

ImageView soundIcon4 =
    findViewById(R.id.soundIcon4);
soundIcon4.setOnClickListener(v -> {
    String text1 = ((TextView)
        findViewById(R.id.textView5))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView6))
        .getText().toString();
    speakText(text1 + " " + text2);
});

```

```

});

ImageView soundIcon5 =
    findViewById(R.id.soundIcon
5);
soundIcon5.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView7
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView8
        )).getText().toString();
        speakText(text1 + " " + text2);
    });
ImageView soundIcon6 =
    findViewById(R.id.soundIcon
6);
soundIcon6.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView9
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
0)).getText().toString();
        speakText(text1 + " " + text2);
    });

ImageView soundIcon7 =
    findViewById(R.id.soundIcon
7);
soundIcon7.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
1)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
2)).getText().toString();
        speakText(text1 + " " + text2);
    });
ImageView soundIcon8 =
    findViewById(R.id.soundIcon
8);
soundIcon8.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
3)).getText().toString();

```

```

        String text2 = ((TextView)
            findViewById(R.id.textView1
4)).getText().toString();
        speakText(text1 + " " + text2);
    });
ImageView soundIcon9 =
    findViewById(R.id.soundIcon
9);
soundIcon9.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
5)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
6)).getText().toString();
        speakText(text1 + " " + text2);
    });

ImageButton stopButton =
    findViewById(R.id.stopButton
);
stopButton.setOnClickListener(v -
    > {
        if (textToSpeech != null) {
            textToSpeech.stop();
            isSpeaking = false;
        }
    });
VideoView videoView =
    findViewById(R.id.videoView
);
ImageView placeholder =
    findViewById(R.id.videoThu
mbnail);
ImageView playButton =
    findViewById(R.id.playButto
n);
MediaController mediaController =
    new MediaController(this);

    mediaController.setAnchorVie
w(videoView);

    videoView.setMediaController
(mediaController);

Uri videoUri =
    Uri.parse("android.resource://"
+ getPackageName() + "/" +

```

```

        R.raw.jenis_media);

        videoView.setVideoURI(videoUri);
        playButton.setOnClickListener(v -
            > {

            placeholder.setVisibility(View.GONE);

            playButton.setVisibility(View.GONE);

            videoView.setVisibility(View.VISIBLE);
            videoView.start();
        });
    }

    private void speakText(String text) {
        textToSpeech.speak(text,
            TextToSpeech.QUEUE_FLUSH, null, "UniqueID");
    }

    @Override
    protected void onDestroy() {
        if (textToSpeech != null) {
            textToSpeech.stop();
            textToSpeech.shutdown();
        }
        super.onDestroy();
    }

    @Override
    public void onInit(int status) {

    }

}

```

13. Pupuk_Hidroponik

```

package com.example.aplikasihidroponik;

import androidx.appcompat.app.AppCompatActivity;

```

```

import androidx.appcompat.widget.Toolbar;
import android.annotation.SuppressLint;
import android.net.Uri;
import android.os.Bundle;
import android.speech.tts.TextToSpeech;
import android.speech.tts.UtteranceProgressListener;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import java.util.List;
import java.util.Locale;

public class Pupuk_Hidroponik extends AppCompatActivity implements TextToSpeech.OnInitListener {
    private List<TextView> textViewList;
    private TextToSpeech textToSpeech;
    private int currentTextIndex = 0;
    private boolean isSpeaking = false;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_pupuk_hidroponik);

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
    }
}

```

```

        getSupportActionBar().setDisplayShowTitleEnabled(false);
        // Hapus judul default
// Menetapkan layout kustom ke Toolbar

        getLayoutInflater().inflate(R.layout.toolbar_title4, toolbar);

ImageButton btnBack =
    findViewById(R.id.btnBack);
btnBack.setOnClickListener(v ->
    onBackPressed());

textToSpeech = new
    TextToSpeech(this, status -> {
        if (status !=
            TextToSpeech.ERROR) {

            textToSpeech.setLanguage(Locale.getDefault());

            textToSpeech.setOnUtteranceProgressListener(new
                UtteranceProgressListener() {
                    @Override
                    public void onStart(String utteranceId) {
                        isSpeaking = true;
                    }

                    @Override
                    public void onDone(String utteranceId) {
                        isSpeaking = false;
                    }

                    @Override
                    public void onError(String utteranceId) {
                    }
                });
        }
    });

// Set up sound icons to read
    corresponding TextView text

```

```

    ImageView soundIcon1 =
        findViewById(R.id.soundIcon1);
soundIcon1.setOnClickListener(v -> {
    String text1 = ((TextView)
        findViewById(R.id.textView))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView1))
        .getText().toString();
    speakText(text1 + " " + text2);
});

    ImageView soundIcon2 =
        findViewById(R.id.soundIcon2);
soundIcon2.setOnClickListener(v -> {
    String text1 = ((TextView)
        findViewById(R.id.textView2))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView3))
        .getText().toString();
    speakText(text1 + " " + text2);
});

    ImageView soundIcon3 =
        findViewById(R.id.soundIcon3);
soundIcon3.setOnClickListener(v -> {
    String text1 = ((TextView)
        findViewById(R.id.textView4))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView5))
        .getText().toString();
    speakText(text1 + " " + text2);
});

    ImageButton stopButton =
        findViewById(R.id.stopButton);
stopButton.setOnClickListener(v -> {
    if (textToSpeech != null) {
        textToSpeech.stop();
        isSpeaking = false;
    }
}

```

```

});
VideoView videoView =
    findViewById(R.id.videoView
1);
ImageView placeholder =
    findViewById(R.id.videoThu
mbnail);
ImageView playButton =
    findViewById(R.id.playButto
n);
MediaController mediaController =
    new MediaController(this);

    mediaController.setAnchorVie
w(videoView);

    videoView.setMediaController
(mediaController);

Uri videoUri =
    Uri.parse("android.resource://"
+ getPackageName() + "/" +
R.raw.jenis_pupuk);

    videoView.setVideoURI(vide
oUri);
playButton.setOnClickListener(v -
> {

    placeholder.setVisibility(View
.GONE);

    playButton.setVisibility(View.
GONE);

    videoView.setVisibility(View.
VISIBLE);
    videoView.start();
});
}

private void speakText(String text) {
    textToSpeech.speak(text,
        TextToSpeech.QUEUE_FLUSH, null, "UniqueID");
}

@Override
protected void onDestroy() {
    if (textToSpeech != null) {

```

```

        textToSpeech.stop();
        textToSpeech.shutdown();
    }
    super.onDestroy();
}

@Override
public void onInit(int status) {

}

}

14. Tips_Pupuk
package
    com.example.aplikasihidropon
ik;

import
    androidx.appcompat.app.App
CompatActivity;

import
    androidx.appcompat.widget.T
oolbar;

import android.annotation.SuppressLint;
import android.net.Uri;
import android.os.Bundle;
import
    android.speech.tts.TextToSpee
ch;

import
    android.speech.tts.UtterancePr
ogressListener;

import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import java.util.List;
import java.util.Locale;

public class Pupuk_Hidroponik extends
    AppCompatActivity
    implements
        TextToSpeech.OnInitListener
    {
        private List<TextView>
            textViewList;
        private TextToSpeech textToSpeech;
        private int currentTextIndex = 0;

```

```

private boolean isSpeaking = false;

@SuppressLint("MissingInflatedId")
@Override
protected void onCreate(Bundle
    savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activ
        ity_pupuk_hidroponik);

    Toolbar toolbar =
        findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);

    getSupportActionBar().setDisplay
        HomeAsUpEnabled(true);

    getSupportActionBar().setDisplay
        ShowTitleEnabled(false);
    // Hapus judul default
    // Menetapkan layout kustom ke
    Toolbar

    getLayoutInflater().inflate(R.la
        yout.toolbar_title4, toolbar);

    ImageButton btnBack =
        findViewById(R.id.btnBack);
    btnBack.setOnClickListener(v ->
        onBackPressed());

    textToSpeech = new
        TextToSpeech(this, status -> {
    if (status !=
        TextToSpeech.ERROR) {

        textToSpeech.setLanguage(Lo
            cale.getDefault());

        textToSpeech.setOnUtterance
            ProgressListener(new
            UtteranceProgressListener() {
                @Override
                public void onStart(String
                    utteranceId) {
                    isSpeaking = true;
                }
            }
        );
    }
    });

```

```

        @Override
        public void onDone(String
            utteranceId) {
            isSpeaking = false;
        }

        @Override
        public void onError(String
            utteranceId) {
        }
    });
}

});

// Set up sound icons to read
// corresponding TextView text
ImageView soundIcon1 =
    findViewById(R.id.soundIcon
        1);
soundIcon1.setOnClickListener(v -
    > {
    String text1 = ((TextView)
        findViewById(R.id.textView))
        .getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView1
        )).getText().toString();
    speakText(text1 + " " + text2);
});

ImageView soundIcon2 =
    findViewById(R.id.soundIcon
        2);
soundIcon2.setOnClickListener(v -
    > {
    String text1 = ((TextView)
        findViewById(R.id.textView2
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView3
        )).getText().toString();
    speakText(text1 + " " + text2);
});

ImageView soundIcon3 =
    findViewById(R.id.soundIcon
        3);
soundIcon3.setOnClickListener(v -
    > {

```

```

String text1 = ((TextView)
    findViewById(R.id.textView4
    )).getText().toString();
String text2 = ((TextView)
    findViewById(R.id.textView5
    )).getText().toString();
speakText(text1 + " " + text2);
});

ImageButton stopButton =
    findViewById(R.id.stopButton
    );
stopButton.setOnClickListener(v -
    > {
        if (textToSpeech != null) {
            textToSpeech.stop();
            isSpeaking = false;
        }
    });
VideoView videoView =
    findViewById(R.id.videoView
    1);
ImageView placeholder =
    findViewById(R.id.videoThu
    mbnail);
ImageView playButton =
    findViewById(R.id.playButto
    n);
MediaController mediaController =
    new MediaController(this);

    mediaController.setAnchorVie
    w(videoView);

    videoView.setMediaController
    (mediaController);

Uri videoUri =
    Uri.parse("android.resource://"
    + getPackageName() + "/" +
    R.raw.jenis_pupuk);

    videoView.setVideoURI(vide
    oUri);
playButton.setOnClickListener(v -
    > {

        placeholder.setVisibility(View
        .GONE);

```

```

        playButton.setVisibility(View.
        GONE);

        videoView.setVisibility(View.
        VISIBLE);
        videoView.start();
    });
}

private void speakText(String text) {
    textToSpeech.speak(text,
        TextToSpeech.QUEUE_FLUSH, null, "UniqueID");
}

@Override
protected void onDestroy() {
    if (textToSpeech != null) {
        textToSpeech.stop();
        textToSpeech.shutdown();
    }
    super.onDestroy();
}

@Override
public void onInit(int status) {
}
}

```

15. Penanaman_Hidroponik

```

package
    com.example.aplikasihidropon
    ik;

import
    androidx.appcompat.app.App
   CompatActivity;
import android.annotation.SuppressLint;
import android.os.Bundle;
import
    android.speech.tts.TextToSpee
    ch;

import
    android.speech.tts.UtterancePr
    ogressListener;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;

```

```

import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import android.net.Uri;
import
    androidx.appcompat.widget.Toolbar;
import java.util.List;
import java.util.Locale;

public class Penanaman_Hidroponik
    extends AppCompatActivity {
    private List<TextView>
        textViewList;
    private TextToSpeech textToSpeech;
    private int currentTextIndex = 0;
    private boolean isSpeaking = false;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_penanaman_hidroponik);

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        getSupportActionBar().setDisplayShowTitleEnabled(false);

        getLayoutInflater().inflate(R.layout.toolbar_title7, toolbar);

        ImageButton btnBack =
            findViewById(R.id.btnBack);
        btnBack.setOnClickListener(v ->
            onBackPressed());

        textToSpeech = new
            TextToSpeech(this, status -> {

```

```

            if (status !=
                TextToSpeech.ERROR) {

                textToSpeech.setLanguage(Locale.getDefault());

                textToSpeech.setOnUtteranceProgressListener(new
                    UtteranceProgressListener() {
                        @Override
                        public void onStart(String
                            utteranceId) {
                            isSpeaking = true;
                        }

                        @Override
                        public void onDone(String
                            utteranceId) {
                            isSpeaking = false;
                        }

                        @Override
                        public void onError(String
                            utteranceId) {
                        }
                    });
            }
        });

        ImageView soundIcon1 =
            findViewById(R.id.soundIcon1);
        soundIcon1.setOnClickListener(v -> {
            String text1 = ((TextView)
                findViewById(R.id.textView2))
                .getText().toString();
            String text2 = ((TextView)
                findViewById(R.id.textView3))
                .getText().toString();
            speakText(text1 + " " + text2);
        });

        ImageView soundIcon2 =
            findViewById(R.id.soundIcon2);
        soundIcon2.setOnClickListener(v -> {
            String text1 = ((TextView)
                findViewById(R.id.textView4))
                .getText().toString();

```

```

        String text2 = ((TextView)
            findViewById(R.id.textView6
        )).getText().toString();
        speakText(text1 + " " + text2);
    });
    ImageView soundIcon3 =
        findViewById(R.id.soundIcon
            3);
    soundIcon3.setOnClickListener(v -
        > {
        String text1 = ((TextView)
            findViewById(R.id.textView6
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView7
        )).getText().toString();
        speakText(text1 + " " + text2);
    });
    ImageView soundIcon4 =
        findViewById(R.id.soundIcon
            4);
    soundIcon4.setOnClickListener(v -
        > {
        String text1 = ((TextView)
            findViewById(R.id.textView8
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView9
        )).getText().toString();
        speakText(text1 + " " + text2);
    });
    ImageView soundIcon5 =
        findViewById(R.id.soundIcon
            5);
    soundIcon5.setOnClickListener(v -
        > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
            0)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
            1)).getText().toString();
        speakText(text1 + " " + text2);
    });

    ImageButton stopButton =
        findViewById(R.id.stopButton
        );
    stopButton.setOnClickListener(v -
        > {

```

```

        if (textToSpeech != null) {
            textToSpeech.stop();
            isSpeaking = false;
        }
    });

    VideoView videoView =
        findViewById(R.id.videoView
        );
    ImageView placeholder =
        findViewById(R.id.videoThu
            mbnail);
    ImageView playButton =
        findViewById(R.id.playButto
            n);
    MediaController mediaController =
        new MediaController(this);

        mediaController.setAnchorVie
            w(videoView);

        videoView.setMediaController
            (mediaController);

    Uri videoUri =
        Uri.parse("android.resource://"
            + getPackageName() + "/" +
            R.raw.contoh_penanaman);

        videoView.setVideoURI(vide
            oUri);
    playButton.setOnClickListener(v -
        > {

        placeholder.setVisibility(View
            .GONE);

        playButton.setVisibility(View.
            GONE);

        videoView.setVisibility(View.
            VISIBLE);
        videoView.start();
    });
}

private void speakText(String text) {
    textToSpeech.speak(text,
        TextToSpeech.QUEUE_FLUSH, null, "UniqueID");
}

```

```

    }

    @Override
    protected void onDestroy() {
        if (textToSpeech != null) {
            textToSpeech.stop();
            textToSpeech.shutdown();
        }
        super.onDestroy();
    }

    public void onInit(int status) {

    }
}

```

16. Teknik_Hidroponik

```

package
    com.example.aplikasihidroponik;

import
    androidx.appcompat.app.AppCompatActivity;

import
    androidx.appcompat.widget.Toolbar;

import android.annotation.SuppressLint;
import android.net.Uri;
import android.os.Bundle;
import
    android.speech.tts.TextToSpeech;

import
    android.speech.tts.UtteranceProgressListener;

import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import java.util.List;
import java.util.Locale;

public class Teknik_Hidroponik
    extends AppCompatActivity
    implements
        TextToSpeech.OnInitListener
    {

```

```

        private List<TextView>
            textViewList;
        private TextToSpeech textToSpeech;
        private int currentTextIndex = 0;
        private boolean isSpeaking = false;

        @SuppressLint("MissingInflatedId")
        @Override
        protected void onCreate(Bundle
            savedInstanceState) {

            super.onCreate(savedInstanceState);

            setContentView(R.layout.activity_teknik_hidroponik);

            Toolbar toolbar =
                findViewById(R.id.toolbar);
            setSupportActionBar(toolbar);

            getSupportActionBar().setDisplayHomeAsUpEnabled(true);

            getSupportActionBar().setDisplayShowTitleEnabled(false);
            // Hapus judul default
            // Menetapkan layout kustom ke
            Toolbar

            getLayoutInflater().inflate(R.layout.toolbar_title6, toolbar);

            ImageButton btnBack =
                findViewById(R.id.btnBack);
            btnBack.setOnClickListener(v ->
                onBackPressed());

            textToSpeech = new
                TextToSpeech(this, status -> {
                    if (status !=
                        TextToSpeech.ERROR) {

                        textToSpeech.setLanguage(Locale.getDefault());

                        textToSpeech.setOnUtterance

```

```

ProgressListener(new
UtteranceProgressListener() {
    @Override
    public void onStart(String
utteranceId) {
        isSpeaking = true;
    }

    @Override
    public void onDone(String
utteranceId) {
        isSpeaking = false;
    }

    @Override
    public void onError(String
utteranceId) {
    }
});

```

```

// Set up sound icons to read
corresponding TextView text
ImageView soundIcon1 =
    findViewById(R.id.soundIcon
1);
soundIcon1.setOnClickListener(v -
> {
    String text1 = ((TextView)
        findViewById(R.id.textView1
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView2
        )).getText().toString();
    speakText(text1 + " " + text2);
});

```

```

ImageView soundIcon2 =
    findViewById(R.id.soundIcon
2);
soundIcon2.setOnClickListener(v -
> {
    String text1 = ((TextView)
        findViewById(R.id.textView3
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView4
        )).getText().toString();
    speakText(text1 + " " + text2);

```

```

});
ImageView soundIcon3 =
    findViewById(R.id.soundIcon
3);
soundIcon3.setOnClickListener(v -
> {
    String text1 = ((TextView)
        findViewById(R.id.textView5
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView6
        )).getText().toString();
    speakText(text1 + " " + text2);
});

```

```

ImageView soundIcon4 =
    findViewById(R.id.soundIcon
4);
soundIcon4.setOnClickListener(v -
> {
    String text1 = ((TextView)
        findViewById(R.id.textView7
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView8
        )).getText().toString();
    speakText(text1 + " " + text2);
});

```

```

ImageView soundIcon5 =
    findViewById(R.id.soundIcon
5);
soundIcon5.setOnClickListener(v -
> {
    String text1 = ((TextView)
        findViewById(R.id.textView9
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView1
0)).getText().toString();
    speakText(text1 + " " + text2);
});

```

```

ImageView soundIcon6 =
    findViewById(R.id.soundIcon
6);
soundIcon6.setOnClickListener(v -
> {
    String text1 = ((TextView)
        findViewById(R.id.textView1
1)).getText().toString();

```

```

        String text2 = ((TextView)
            findViewById(R.id.textView1
                2)).getText().toString();
        speakText(text1 + " " + text2);
    });

    ImageButton stopButton =
        findViewById(R.id.stopButton
            );
    stopButton.setOnClickListener(v -
        > {
        if (textToSpeech != null) {
            textToSpeech.stop();
            isSpeaking = false;
        }
    });
    VideoView videoView =
        findViewById(R.id.videoView
            4);
    ImageView placeholder =
        findViewById(R.id.videoThu
            mbnail);
    ImageView playButton =
        findViewById(R.id.playButto
            n);
    MediaController mediaController =
        new MediaController(this);

    mediaController.setAnchorVie
        w(videoView);

    videoView.setMediaController
        (mediaController);

    Uri videoUri =
        Uri.parse("android.resource://"
            + getPackageName() + "/" +
            R.raw.teknik_hidroponik);

    videoView.setVideoURI(vide
        oUri);
    playButton.setOnClickListener(v -
        > {

        placeholder.setVisibility(View
            .GONE);

        playButton.setVisibility(View.
            GONE);

```

```

        videoView.setVisibility(View.
            VISIBLE);
        videoView.start();
    });
}

private void speakText(String text) {
    textToSpeech.speak(text,
        TextToSpeech.QUEUE_FLUSH,
        null, "UniqueID");
}

@Override
protected void onDestroy() {
    if (textToSpeech != null) {
        textToSpeech.stop();
        textToSpeech.shutdown();
    }
    super.onDestroy();
}

@Override
public void onInit(int status) {
}
}

```

17. Hamapenyakit_Hidroponik

```

package
    com.example.aplikasihidropon
        ik;

import
    androidx.appcompat.app.App
        CompatActivity;
import android.annotation.SuppressLint;
import
    androidx.appcompat.widget.T
        oolbar;
import android.net.Uri;
import android.os.Bundle;
import
    android.speech.tts.TextToSpee
        ch;
import
    android.speech.tts.UtterancePr
        ogressListener;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;

```

```

import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import java.util.List;
import java.util.Locale;
public class Hamapenyakit_Hidroponik
    extends AppCompatActivity
    implements
    TextToSpeech.OnInitListener
    {

    private List<TextView>
        textViewList;
    private TextToSpeech textToSpeech;
    private int currentTextIndex = 0;
    private boolean isSpeaking = false;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activ
            ity_hamapenyakit_hidroponik)
        ;

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplay
            HomeAsUpEnabled(true);

        getSupportActionBar().setDisplay
            ShowTitleEnabled(false);

        getLayoutInflater().inflate(R.la
            yout.toolbar_title8, toolbar);

        ImageButton btnBack =
            findViewById(R.id.btnBack);
        btnBack.setOnClickListener(v ->
            onBackPressed());

        textToSpeech = new
            TextToSpeech(this, status -> {

```

```

if (status !=
    TextToSpeech.ERROR) {

    textToSpeech.setLanguage(Locale.
        getDefault());

    textToSpeech.setOnUtterance
        ProgressListener(new
        UtteranceProgressListener() {
            @Override
            public void onStart(String
                utteranceId) {
                isSpeaking = true;
            }

            @Override
            public void onDone(String
                utteranceId) {
                isSpeaking = false;
            }

            @Override
            public void onError(String
                utteranceId) {
            }
        });
    }
});
ImageView soundIcon1 =
    findViewById(R.id.soundIcon
        1);
soundIcon1.setOnClickListener(v -
    > {
    String text = ((TextView)
        findViewById(R.id.textView1
        )).getText().toString();
    String text1 = ((TextView)
        findViewById(R.id.textView2
        )).getText().toString();
    String text2 = ((TextView)
        findViewById(R.id.textView3
        )).getText().toString();
    speakText(text + " " + text1 + " "
        + text2);
});

ImageView soundIcon2 =
    findViewById(R.id.soundIcon
        2);

```

```

soundIcon2.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView4
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView5
        )).getText().toString();
        speakText(text1 + " " + text2);
    });
ImageView soundIcon3 =
    findViewById(R.id.soundIcon
        3);
soundIcon3.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView6
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView7
        )).getText().toString();
        speakText(text1 + " " + text2 );
    });

ImageView soundIcon4 =
    findViewById(R.id.soundIcon
        4);
soundIcon4.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView8
        )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView9
        )).getText().toString();
        speakText(text1 + " " + text2);
    });
ImageView soundIcon5 =
    findViewById(R.id.soundIcon
        5);
soundIcon5.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
        0)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
        1)).getText().toString();
        speakText(text1 + " " + text2 );
    });

```

```

ImageView soundIcon6 =
    findViewById(R.id.soundIcon
        6);
soundIcon6.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
        2)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
        3)).getText().toString();
        speakText(text1 + " " + text2);
    });
ImageView soundIcon7 =
    findViewById(R.id.soundIcon
        7);
soundIcon7.setOnClickListener(v -
    > {
        String text = ((TextView)
            findViewById(R.id.textView1
        4)).getText().toString();
        String text1 = ((TextView)
            findViewById(R.id.textView1
        5)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
        6)).getText().toString();
        speakText(text + " " + text1 + " "
            + text2);
    });
ImageView soundIcon8 =
    findViewById(R.id.soundIcon
        8);
soundIcon8.setOnClickListener(v -
    > {
        String text1 = ((TextView)
            findViewById(R.id.textView1
        7)).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
        8)).getText().toString();
        speakText(text1 + " " + text2 );
    });

ImageView soundIcon9 =
    findViewById(R.id.soundIcon
        9);
soundIcon9.setOnClickListener(v -
    > {

```

```

String text1 = ((TextView)
    findViewById(R.id.textView1
9)).getText().toString();
String text2 = ((TextView)
    findViewById(R.id.textView2
0)).getText().toString();
speakText(text1 + " " + text2);
});

ImageButton stopButton =
    findViewById(R.id.stopButton
);
stopButton.setOnClickListener(v -
    > {
        if (textToSpeech != null) {
            textToSpeech.stop();
            isSpeaking = false;
        }
    });
VideoView videoView =
    findViewById(R.id.videoView
5);
ImageView placeholder =
    findViewById(R.id.videoThu
mbnail);
ImageView playButton =
    findViewById(R.id.playButto
n);
MediaController mediaController =
    new MediaController(this);

    mediaController.setAnchorVie
w(videoView);

    videoView.setMediaController
(mediaController);

Uri videoUri =
    Uri.parse("android.resource://"
+ getPackageName() + "/" +
R.raw.hama_penyakit_hidropo
nik);

    videoView.setVideoURI(vide
oUri);
playButton.setOnClickListener(v -
    > {

        placeholder.setVisibility(View
.GONE);

```

```

        playButton.setVisibility(View.
GONE);

        videoView.setVisibility(View.
VISIBLE);
        videoView.start();
    });
}

private void speakText(String text) {
    textToSpeech.speak(text,
        TextToSpeech.QUEUE_FLUSH,
        null, "UniqueID");
}

@Override
protected void onDestroy() {
    if (textToSpeech != null) {
        textToSpeech.stop();
        textToSpeech.shutdown();
    }
    super.onDestroy();
}

@Override
public void onInit(int status) {
}
}

```

18. Pengendalian_Penyakithama

```

package
    com.example.aplikasihidropon
ik;

import
    androidx.appcompat.app.App
CompatActivity;

import
    androidx.appcompat.widget.T
oolbar;

import android.annotation.SuppressLint;
import android.net.Uri;
import android.os.Bundle;
import
    android.speech.tts.TextToSpee
ch;

import
    android.speech.tts.UtterancePr
ogressListener;

```

```

import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.MediaController;
import android.widget.TextView;
import android.widget.VideoView;
import java.util.List;
import java.util.Locale;

public class
    Pengendalian_Penyakithama
    extends AppCompatActivity
    implements
        TextToSpeech.OnInitListener
    {

        private List<TextView>
            textViewList;
        private TextToSpeech textToSpeech;
        private int currentTextIndex = 0;
        private boolean isSpeaking = false;

        @SuppressWarnings("MissingInflatedId")
        @Override
        protected void onCreate(Bundle
            savedInstanceState) {

            super.onCreate(savedInstanceState);

            setContentView(R.layout.activ
                ity_pengendalian_penyakitha
                ma);

            Toolbar toolbar =
                findViewById(R.id.toolbar);
            setSupportActionBar(toolbar);

            getSupportActionBar().setDisplay
                HomeAsUpEnabled(true);

            getSupportActionBar().setDisplay
                ShowTitleEnabled(false);
            // Hapus judul default
            // Menetapkan layout kustom ke
            Toolbar

            getLayoutInflater().inflate(R.la
                yout.toolbar_title9, toolbar);

```

```

        ImageButton btnBack =
            findViewById(R.id.btnBack);
        btnBack.setOnClickListener(v ->
            onBackPressed());

        textToSpeech = new
            TextToSpeech(this, status -> {
                if (status !=
                    TextToSpeech.ERROR) {

                    textToSpeech.setLanguage(Lo
                        cale.getDefault());

                    textToSpeech.setOnUtterance
                        ProgressListener(new
                            UtteranceProgressListener() {
                                @Override
                                public void onStart(String
                                    utteranceId) {
                                    isSpeaking = true;
                                }

                                @Override
                                public void onDone(String
                                    utteranceId) {
                                    isSpeaking = false;
                                }

                                @Override
                                public void onError(String
                                    utteranceId) {
                                }
                            });
                }
            });

        // Set up sound icons to read
        corresponding TextView text
        ImageView soundIcon1 =
            findViewById(R.id.soundIcon
                1);
        soundIcon1.setOnClickListener(v -
            > {
            String text1 = ((TextView)
                findViewById(R.id.textView2
                    )).getText().toString();
            String text2 = ((TextView)
                findViewById(R.id.textView3
                    )).getText().toString();

```

```

        speakText(text1 + " " + text2);
    });

    ImageView soundIcon2 =
        findViewById(R.id.soundIcon
            2);
    soundIcon2.setOnClickListener(v -
        > {
        String text1 = ((TextView)
            findViewById(R.id.textView4
                )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView5
                )).getText().toString();
        speakText(text1 + " " + text2);
    });
    ImageView soundIcon3 =
        findViewById(R.id.soundIcon
            3);
    soundIcon3.setOnClickListener(v -
        > {
        String text1 = ((TextView)
            findViewById(R.id.textView6
                )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView7
                )).getText().toString();
        String text3 = ((TextView)
            findViewById(R.id.textView8
                )).getText().toString();
        speakText(text1 + " " + text2 + "
            " + text3);
    });
    ImageView soundIcon4 =
        findViewById(R.id.soundIcon
            4);
    soundIcon4.setOnClickListener(v -
        > {
        String text1 = ((TextView)
            findViewById(R.id.textView9
                )).getText().toString();
        String text2 = ((TextView)
            findViewById(R.id.textView1
                0)).getText().toString();
        speakText(text1 + " " + text2);
    });

    ImageButton stopButton =
        findViewById(R.id.stopButton
            );

```

```

        stopButton.setOnClickListener(v -
            > {
            if (textToSpeech != null) {
                textToSpeech.stop();
                isSpeaking = false;
            }
        });
        VideoView videoView =
            findViewById(R.id.videoView
                6);
        ImageView placeholder =
            findViewById(R.id.videoThu
                mbnail);
        ImageView playButton =
            findViewById(R.id.playButto
                n);
        MediaController mediaController =
            new MediaController(this);

        mediaController.setAnchorVie
            w(videoView);

        videoView.setMediaController
            (mediaController);

        Uri videoUri =
            Uri.parse("android.resource://"
                + getPackageName() + "/" +
                R.raw.pengendalian_hama_hid
                roponik);

        videoView.setVideoURI(vide
            oUri);
        playButton.setOnClickListener(v -
            > {

            placeholder.setVisibility(View
                .GONE);

            playButton.setVisibility(View.
                GONE);

            videoView.setVisibility(View.
                VISIBLE);
            videoView.start();
        });
    }

    private void speakText(String text) {

```

```

        textToSpeech.speak(text,
            TextToSpeech.QUEUE_FLUSH,
            null, "UniqueID");
    }

    @Override
    protected void onDestroy() {
        if (textToSpeech != null) {
            textToSpeech.stop();
            textToSpeech.shutdown();
        }
        super.onDestroy();
    }

    @Override
    public void onInit(int status) {
    }
}

19. Vidiomerakit_Hidroponik
package
    com.example.aplikasihidroponik;

import
    androidx.appcompat.app.AppCompatActivity;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageView;
import android.widget.ImageButton;
import android.widget.VideoView;
import android.widget.MediaController;
import
    androidx.appcompat.widget.Toolbar;

public class Vidiomerakit_Hidroponik
    extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_
            vidiomerakit_hidroponik);

```

```

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplay
            ShowTitleEnabled(false);

        getSupportActionBar().setDisplay
            ShowTitleEnabled(false);

        getLayoutInflater().inflate(R.la
            yout.toolbar_title11, toolbar);

        ImageButton backIcon =
            findViewById(R.id.btnBack);
        backIcon.setOnClickListener(v ->
            onBackPressed());

        initializeVideo(R.id.placeholder1,
            R.id.playButton1,
            R.id.videoView1,
            R.raw.merakit_teknik_nft);
        initializeVideo(R.id.placeholder2,
            R.id.playButton2,
            R.id.videoView2,
            R.raw.merakit_teknik_aeropon
            ik);
        initializeVideo(R.id.placeholder3,
            R.id.playButton3,
            R.id.videoView3,
            R.raw.merakit_teknik_ebbflo
            w);
        initializeVideo(R.id.placeholder4,
            R.id.playButton4,
            R.id.videoView4,
            R.raw.merakit_teknik_rakitap
            ung);
        initializeVideo(R.id.placeholder5,
            R.id.playButton5,
            R.id.videoView5,
            R.raw.merakit_teknik_dripsist
            em);
        initializeVideo(R.id.placeholder6,
            R.id.playButton6,
            R.id.videoView6,
            R.raw.galon_bekas);
    }

    private void initializeVideo(int
        placeholderId, int

```

```

        playButtonId, int
        videoViewId, int videoResId)
    {
        ImageView placeholder =
            findViewById(placeholderId);
        ImageView playButton =
            findViewById(playButtonId);
        VideoView videoView =
            findViewById(videoViewId);
        MediaController mediaController =
            new MediaController(this);

        mediaController.setAnchorView(
            videoView);

        videoView.setMediaController(
            mediaController);
        Uri videoUri =
            Uri.parse("android.resource://"
                + getPackageName() + "/" +
                videoResId);

        videoView.setVideoURI(videoUri);
        playButton.setOnClickListener(v -
            > {

            placeholder.setVisibility(View
                .GONE);

            playButton.setVisibility(View.
                GONE);

            videoView.setVisibility(View.
                VISIBLE);
            videoView.start();
        });
    }
}
20. Vidiopenanaman_Hidroponik
package
    com.example.aplikasihidroponik;

import
    androidx.appcompat.app.AppCompatActivity;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageView;

```

```

import android.widget.ImageButton;
import android.widget.VideoView;
import android.widget.MediaController;
import
    androidx.appcompat.widget.Toolbar;

public class
    Vidiopenanaman_Hidroponik
    extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_
            vidiopenanaman_hidroponik);

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplay
            ShowTitleEnabled(false);

        getSupportActionBar().setDisplay
            ShowTitleEnabled(false);
        // Hapus judul default
        // Menetapkan layout kustom ke
        Toolbar

        getLayoutInflater().inflate(R.la
            yout.toolbar_title12, toolbar);

        ImageButton backIcon =
            findViewById(R.id.btnBack);
        backIcon.setOnClickListener(v ->
            onBackPressed());

        initializeVideo(R.id.placeholder,
            R.id.playButton,
            R.id.videoView,
            R.raw.pembenihan);
    }
}

```

```

// Initialize VideoView and
// Placeholder ImageView for
// Video 1
initializeVideo(R.id.placeholder1,
    R.id.playButton1,
    R.id.videoView1,
    R.raw.tipspenanaman_hidropo
    nik);

// Initialize VideoView and
// Placeholder ImageView for
// Video 2
initializeVideo(R.id.placeholder2,
    R.id.playButton2,
    R.id.videoView2,
    R.raw.tipspenanaman1_hidropo
    nik);

initializeVideo(R.id.placeholder3,
    R.id.playButton3,
    R.id.videoView3,
    R.raw.galon_bekas);

// Initialize VideoView and
// Placeholder ImageView for
// Video 2
initializeVideo(R.id.placeholder4,
    R.id.playButton4,
    R.id.videoView4,
    R.raw.toples_bekas);

// Add more initializations for
// additional videos as needed
}

```

```

private void initializeVideo(int
    placeholderId, int
    playButtonId, int
    videoViewId, int videoResId)
{
    ImageView placeholder =
        findViewById(placeholderId);
    ImageView playButton =
        findViewById(playButtonId);
    VideoView videoView =
        findViewById(videoViewId);

    MediaController mediaController =
        new MediaController(this);

```

```

        mediaController.setAnchorView(
            videoView);

        videoView.setMediaController(
            mediaController);

        Uri videoUri =
            Uri.parse("android.resource://"
                + getPackageName() + "/" +
                videoResId);

        videoView.setVideoURI(video
            oUri);

        playButton.setOnClickListener(v -
            > {

            placeholder.setVisibility(View
                .GONE);

            playButton.setVisibility(View.
                GONE);

            videoView.setVisibility(View.
                VISIBLE);
            videoView.start();

        });
    }}

```

21. Pendeteksi_PenyakitHama

```

package
    com.example.aplikasihidropon
    ik;

import android.Manifest;
import android.annotation.SuppressLint;
import android.content.Intent;
import
    android.content.pm.PackageM
    anager;
import android.graphics.Bitmap;
import android.graphics.Paint;
import android.media.ThumbnailUtils;
import android.net.Uri;
import android.os.Bundle;
import android.provider.MediaStore;
import android.util.Log;
import android.view.View;
import android.widget.Button;

```

```

import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import androidx.annotation.Nullable;
import
    androidx.appcompat.app.AppCompatActivity;
import
    androidx.core.app.ActivityCompat;
import
    androidx.core.content.ContextCompat;

import
    com.example.aplikasihidroponik.ml.ModelHamapenyakit;

import org.tensorflow.lite.DataType;
import
    org.tensorflow.lite.support.tensorbuffer.TensorBuffer;

import java.io.IOException;
import java.nio.ByteBuffer;
import java.nio.ByteOrder;

public class Pendeteksi_Penyakithama
    extends AppCompatActivity {
    private TextView result, demoTxt,
        classified, click_here,
        prevention,
        unknownImageMessage;
    private ImageView imageView;
    private Button pictureButton,
        backButton;
    private int imageSize = 224;
    private int validationCount = 0; //
        Hitung jumlah validasi
    private String previousClass = ""; //
        Simpan klasifikasi sebelumnya

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_
            pendeteksi_penyakithama);
        ;

        // Menghubungkan komponen
        tampilan dengan variabel Java
        result = findViewById(R.id.result);
        imageView =
            findViewById(R.id.imageView);
        demoTxt =
            findViewById(R.id.demoTxt);
        click_here =
            findViewById(R.id.click_here);
        classified =
            findViewById(R.id.classified);
        prevention =
            findViewById(R.id.prevention);
        pictureButton =
            findViewById(R.id.picture);
        backButton =
            findViewById(R.id.backButton);
        unknownImageMessage =
            findViewById(R.id.unknown_
                image_message);

        // Mengatur visibilitas awal
        komponen tampilan

        demoTxt.setVisibility(View.VISIBLE);

        click_here.setVisibility(View.GONE);

        classified.setVisibility(View.GONE);
        result.setVisibility(View.GONE);

        prevention.setVisibility(View.GONE);

        unknownImageMessage.setVisibility(View.GONE);

        // Aksi saat tombol kembali diklik

```

```

        backButton.setOnClickListener(v -
            > finish());

// Aksi saat tombol ambil gambar
    diklik

    pictureButton.setOnClickListener(
        ner(v -> {
    if
        (ContextCompat.checkSelfPermission(Pendeteksi_Penyakithama.this,
            Manifest.permission.CAMERA) ==
            PackageManager.PERMISSION_GRANTED) {
            Intent cameraIntent = new
            Intent(MediaStore.ACTION_IMAGE_CAPTURE);

            startActivityForResult(camera
                Intent, 1);
        } else {

            ActivityCompat.requestPermissions(Pendeteksi_Penyakithama.this, new
                String[]{Manifest.permission.CAMERA}, 100);
        }
    });

// Aksi saat teks "Klik di sini"
    diklik
    click_here.setOnClickListener(v ->
        {
        String query =
            result.getText().toString();
        Intent browserIntent = new
            Intent(Intent.ACTION_VIEW,
                Uri.parse

                ("https://www.google.com/search?q=" + query));
        startActivity(browserIntent);
    });
}

@Override

```

```

protected void onActivityResult(int
    requestCode, int resultCode,
    @Nullable Intent data) {

    super.onActivityResult(requestCode, resultCode, data);

    try {
        if (requestCode == 1 &&
            resultCode == RESULT_OK
            && data != null) {
            Bitmap image = (Bitmap)
            data.getExtras().get("data");
            if (image != null) {
                int dimension =
                Math.min(image.getWidth(),
                    image.getHeight());
                image =
                ThumbnailUtils.extractThumbnail(image, dimension,
                    dimension);

                imageView.setImageBitmap(image);

                demoTxt.setVisibility(View.GONE);

                classified.setVisibility(View.VISIBLE);

                result.setVisibility(View.VISIBLE);
                image =
                Bitmap.createScaledBitmap(image, imageSize, imageSize,
                    false);
                classifyImage(image);
            } else {
                Toast.makeText(this,
                    "Gagal mengambil gambar",
                    Toast.LENGTH_SHORT).show();
            }
        }
    } catch (Exception e) {
        Log.e("onActivityResult",
            "Terjadi kesalahan: " +
            e.getMessage());
        Toast.makeText(this, "Terjadi
            kesalahan saat memproses

```

```

        gambar",
        Toast.LENGTH_SHORT).show();
    }
}

private void classifyImage(Bitmap
    image) {
    try {
        // Muat model
        ModelHamapenyakit model =
            ModelHamapenyakit.newInsta
            nce(getApplicationContext());

        // Skalikan gambar ke ukuran
        model
        image =
            Bitmap.createScaledBitmap(i
            mage, imageSize, imageSize,
            false);

        // Konversi gambar ke
        TensorBuffer dengan format
        numerik
        TensorBuffer inputFeature0 =
            TensorBuffer.createFixedSize(
            new int[]{1, imageSize,
            imageSize, 3},
            DataType.FLOAT32);
        ByteBuffer byteBuffer =
            ByteBuffer.allocateDirect(4 *
            imageSize * imageSize * 3);

        byteBuffer.order(ByteOrder.na
            tiveOrder());

        int[] intValues = new
            int[imageSize * imageSize];
        image.getPixels(intValues, 0,
            imageSize, 0, 0, imageSize,
            imageSize);

        // Normalisasi pixel dari 0-255
        ke 0-1 dengan 3 komponen
        warna RGB
        for (int i = 0; i <
            intValues.length; i++) {
            int pixel = intValues[i];
            byteBuffer.putFloat(((pixel >>
            16) & 0xFF) / 255.0f); //
            Merah

```

```

            byteBuffer.putFloat(((pixel >>
            8) & 0xFF) / 255.0f); // Hijau
            byteBuffer.putFloat(((pixel &
            0xFF) / 255.0f); // Biru
        }

        inputFeature0.loadBuffer(byte
            Buffer);
        // Proses gambar melalui model
        ModelHamapenyakit.Outputs
        outputs =
            model.process(inputFeature0);
        TensorBuffer outputFeature0 =
            outputs.getOutputFeature0AsT
            ensorBuffer();
        // tingkat kepercayaan akurasi
        tertinggi
        float[] confidence =
            outputFeature0.getFloatArray(
            );
        int maxPos = 0;
        float maxConfidence = 0;
        for (int i = 0; i <
            confidence.length; i++) {
            if (confidence[i] >
            maxConfidence) {
                maxConfidence =
                confidence[i];
                maxPos = i;
            }
        }
        // ambang batas
        float confidenceThreshold =
            0.7f;
        String[] classes = {
            "Hama Ulat Kubis (Tritip
            Plutella Xylostell)",
            "Penyakit Busuk Daun",
            "Penyakit Kelainan
            Genetik",
            "Hama Thrips",
            "Hama Serangga dan
            Burung",
            "Gambar Tidak Dikenali"
        };
        // Tentukan hasil klasifikasi
        String currentClass =
            classes[maxPos];

```

```

        if (maxConfidence <
            confidenceThreshold) {
            currentClass =
                classes[classes.length - 1]; //
            "Gambar Tidak Dikenali"
        }
        result.setText(classes[maxPos]);

        result.setPaintFlags(result.getPaintFlags() |
            Paint.UNDERLINE_TEXT_FLAG);
        // Tampilkan teks pencegahan
        jika gambar dikenali

        displayPreventionText(classes
            [maxPos]);
        model.close();
    } catch (IOException e) {
        e.printStackTrace();
        Toast.makeText(this, "Gagal
            memproses gambar",
            Toast.LENGTH_SHORT).show();
    }
}

private void
    displayPreventionText(String
        className) {
    String preventionText =
        getPreventionText(className)
        ;
    if (className.equals("Gambar
        Tidak Dikenali")) {

        prevention.setVisibility(View.
            GONE);

        click_here.setVisibility(View.
            GONE);

        unknownImageMessage.setVisibility(View.VISIBLE); //
        Tampilkan pesan untuk
        gambar tidak dikenali
    } else {

        prevention.setText(prevention
            Text);

        prevention.setVisibility(View.
            VISIBLE);

        click_here.setVisibility(View.
            VISIBLE);

        unknownImageMessage.setVisibility(View.GONE);
    }
}

private String
    getPreventionText(String
        className) {
    switch (className) {
        case "Hama Ulat Kubis (Tritip
            Plutella Xylostell)":
            return "Ciri-Ciri Hama Ulat
                Kubis (Tritip Plutella
                Xylostell):\n\n" +
                "1. Ulat akan memakan
                jaringan daun dan
                menyebabkan lubang-lubang
                kecil yang dapat memperburuk
                penampilan daun. Daun yang
                lebih muda biasanya lebih
                rentan terhadap kerusakan.\n"
                +
                "2. Daun yang terinfeksi
                menjadi kering, terutama di
                bagian bercak, sehingga
                tampak seperti hangus atau
                terbakar.\n" +
                "3. Terdapat jejak
                kotoran kecil yang terletak di
                sekitar lubang-lubang yang
                dibuat oleh ulat. Kotoran ini
                berwarna hitam dan berbentuk
                butiran kecil.\n\n" +
                "Cara Pencegahan dan
                Pengendalian Hama Ulat
                Kubis (Tritip Plutella
                Xylostell):\n\n" +
                "1. Gunakan jaring
                pelindung atau netting untuk
                mencegah kupu-kupu dewasa
                masuk dan bertelur di
                tanaman. \n" +

```

"2. Lakukan pemantauan secara berkala untuk melihat gejala-gejala serangan hama, seperti lubang pada daun atau keberadaan ulat.\n" +

"3. Bersihkan secara rutin area sekitar tanaman hidroponik dari daun-daun yang jatuh atau terinfeksi, karena ini bisa menjadi tempat berkembang biak bagi ulat kubis.";

case "Penyakit Busuk Daun":

return "Ciri-Ciri Penyakit Busuk Daun:\n\n" +

"1. Bercak awalnya kecil, berwarna coklat atau kuning pucat. Bercak biasanya memiliki tepi yang lebih gelap dibandingkan bagian tengahnya.\n" +

"2. Daun yang terinfeksi menjadi kering, terutama di bagian bercak, sehingga tampak seperti hangus atau terbakar.\n" +

"3. Bagian tepi daun sering kali tampak seperti terbakar dan kering jika infeksi telah lanjut.\n\n"+

"Cara Pencegahan dan Pengendalian Penyakit Busuk Daun:\n\n" +

"1. Buang daun yang terinfeksi untuk mencegah penyebaran.\n" +

"2. Gunakan fungisida organik atau kimia yang sesuai.\n" +

"3. Terapkan biofungisida seperti Trichoderma spp. untuk pengendalian alami.";

case "Penyakit Kelainan

Genetik":

return "Ciri-Ciri Kelainan Genetik:\n\n" +

"1. Daun dan batang mungkin tampak kerdil atau memanjang secara berlebihan.\n" +

"2. Daun bisa berwarna kuning, belang, atau memiliki pola warna yang tidak normal.\n" +

"3. Daun bisa menjadi keriting, berbentuk tidak beraturan, atau menggulung.\n\n"+

"Cara Pencegahan dan Pengendalian Kelainan Genetik:\n\n" +

"1. Gunakan bibit atau benih dari varietas yang stabil dan telah terbukti bebas dari kelainan genetik.\n" +

"2. Pastikan teknik pemuliaan tanaman dilakukan dengan benar untuk menghindari inbreeding atau persilangan yang dapat memicu kelainan genetik.\n" +

"3. Kultur jaringan bisa memicu ketidakstabilan genetik. Lebih baik gunakan metode pembibitan konvensional jika tidak diperlukan kultur jaringan.\n" +

"4. Hindari paparan tanaman hidroponik terhadap bahan kimia atau radiasi yang berlebihan.";

case "Hama Thrips":

return "Ciri-Ciri Telur Hama Thrips:\n" +

"1. Sel-sel yang rusak kehilangan klorofil, sehingga muncul bercak kekuningan atau keperakan pada daun.\n" +

"2. Terkadang, bercak kuning ini disertai dengan bercak hitam kecil, yang

merupakan kotoran thrips.\n"
+

"3. Daun melepuh
didaerah yang terkena hama
thrips\n" +

"4. Pertumbuhan
tanaman bisa terhambat, daun
layu, dan tanaman bisa terlihat
kurang sehat secara
keseluruhan.\n\n"+

"Cara Pencegahan dan
Pengendalian Telur Hama
Thrips:\n\n" +

"1. Pangkas daun
terinfeksi, bersihkan tanaman
untuk menghilangkan telur
atau serangga, dan pasang
perangkap kuning untuk
mengurangi populasi
serangga.\n" +

"2. Gunakan predator
alami seperti ladybugs atau
lacewings untuk
mengendalikan aphids dan
whiteflies.\n" +

"3. Gunakan insektisida
nabati seperti minyak neem
atau sabun insektisida untuk
membasmi serangga kecil.\n"
+

"4. Pastikan sirkulasi
udara baik untuk mencegah
kelembapan berlebih dan
sesuaikan kelembapan serta
suhu agar sesuai dengan
kebutuhan tanaman.";

case "Hama Serangga dan
Burung":

return "Ciri-Ciri Hama
Serangga dan Burung:\n\n" +

"1. Lubang pada daun
tampak memiliki bentuk yang
tidak beraturan, yang umum
jika disebabkan oleh ulat atau
burung.\n" +

"2. Serangga seperti ulat
cenderung memakan bagian
tepi daun, sementara burung
dapat meninggalkan bekas

gigitan di area mana saja pada
daun.\n" +

"3. Jika disebabkan oleh
siput, biasanya akan terlihat
bekas lendir pada daun atau di
sekitar lubang.\n\n" +

"Cara Pencegahan dan
Pengendalian Hama Serangga
dan Burung:\n\n" +

"1. Lakukan pemanenan
manual untuk mengangkat ulat
atau siput, pasang perangkap
siput dengan bahan alami, dan
semprotkan insektisida nabati
seperti minyak neem atau
larutan bawang putih.\n" +

"2. Pasang jaring
pelindung atau tempatkan
scarecrow untuk mengusir
burung dari tanaman.\n" +

"3. Kurangi kelembapan
berlebih dan lakukan
pemantauan rutin untuk
mendeteksi masalah lebih
awal.";

default:

return "Arahkan kembali
gambar yang benar dan
fokuskan kamera";

}

}

}

22. Tentang_aplikasi

package

com.example.aplikasihidropon
ik;

import

androidx.appcompat.app.App
CompatActivity;

import

androidx.appcompat.widget.T
oolbar;

import android.annotation.SuppressLint;

import android.os.Bundle;

```

import
    android.speech.tts.TextToSpeech;
import android.view.View;
import android.widget.ImageButton;
import android.widget.TextView;

import java.util.Locale;

public class Tentang_aplikasi extends
    AppCompatActivity
    implements
        TextToSpeech.OnInitListener
    {
    private TextToSpeech textToSpeech;
    private TextView textView,
        textView1, textView2,
        textView3, textView4,
        textView5, textView6;
    private ImageButton buttonSpeak,
        buttonStop, btnBack;
    private boolean isSpeaking = false;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_tentang_aplikasi);

        Toolbar toolbar =
            findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        getSupportActionBar().setDisplayShowTitleEnabled(false);

        getLayoutInflater().inflate(R.layout.toolbar_title7, toolbar);

        // Initialize TextToSpeech
        textToSpeech = new
            TextToSpeech(this, this);

        // Find views

```

```

        textView =
            findViewById(R.id.textView);
        textView1 =
            findViewById(R.id.textView1);
        textView2 =
            findViewById(R.id.textView2);
        textView3 =
            findViewById(R.id.textView3);
        textView4 =
            findViewById(R.id.textView4);
        textView5 =
            findViewById(R.id.textView5);
        textView6 =
            findViewById(R.id.textView6);
        buttonSpeak =
            findViewById(R.id.btnSpeak);
        buttonStop =
            findViewById(R.id.btnStop);
        btnBack =
            findViewById(R.id.btnBack);

        btnBack.setOnClickListener(v ->
            finish());

        textToSpeech = new
            TextToSpeech(this, new
                TextToSpeech.OnInitListener(
            ) {
            @Override
            public void onInit(int status) {
                if (status ==
                    TextToSpeech.SUCCESS) {
                    int result =
                        textToSpeech.setLanguage(Locale.getDefault());
                    if (result ==
                        TextToSpeech.LANG_MISSING_DATA ||
                            result ==
                                TextToSpeech.LANG_NOT_SUPPORTED) {
                    }
                } else {
                }
            }
        }
    }

```

```

    }
});

    buttonSpeak.setOnClickListener(
        new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                speakText();
            }
        }
    );

    buttonStop.setOnClickListener(
        new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                stopSpeaking();
            }
        }
    );
}
private void speakText() {
    String text =
        textView.getText().toString();
    String text1 =
        textView1.getText().toString();
    ;
    String text2 =
        textView2.getText().toString();
    ;
    String text3 =
        textView3.getText().toString();
    ;
    String text4 =
        textView4.getText().toString();
    ;
    String text5 =
        textView5.getText().toString();
    ;
    String text6 =
        textView6.getText().toString();
    ;
    textToSpeech.speak(text + " " +
        text1 + " " + text2 + " " + text3
        + " " + text4 + " " +
        text5 + " " + text6,
        TextToSpeech.QUEUE_FLUSH, null, null);
}
private void stopSpeaking() {

```

```

        if (textToSpeech != null) {
            textToSpeech.stop();
        }
    }
    @Override
    protected void onDestroy() {
        if (textToSpeech != null) {
            textToSpeech.stop();
            textToSpeech.shutdown();
        }
        super.onDestroy();
    }

    @Override
    public void onInit(int status) {
    }
}

23. Activity_splash_screen
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/menu"
    tools:context=".SplashScreen">

    <TextView
        android:id="@+id/splashscreen"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

```

```

        android:textColor="@android:
        color/black"
        android:textSize="40sp"

```

```

        android:layout_marginTop="2
        00dp"

```

```

        android:layout_alignParentTo
        p="true"

```

```

        android:layout_centerHorizont
        al="true"/>

```

```

<ProgressBar

```

```

        android:layout_width="wrap_
        content"

```

```

        android:layout_height="wrap_
        content"

```

```

        android:layout_below="@+id/
        splashscreen"

```

```

        android:layout_centerHorizont
        al="true"

```

```

        android:layout_marginTop="45dp"
        />

```

```

</RelativeLayout>

```

24. Aktivitas_home

```

<?xml version="1.0" encoding="utf-
8"?>

```

```

<RelativeLayout

```

```

        xmlns:android="http://schema
        s.android.com/apk/res/android
        "

```

```

        xmlns:app="http://schemas.android.com
        /apk/res-auto"

```

```

        xmlns:tools="http://schemas.a
        ndroid.com/tools"

```

```

        android:layout_width="match
        _parent"

```

```

        android:layout_height="match
        _parent"

```

```

        android:orientation="vertical"

```

```

        android:background="@drawa
        ble/walpaper3"
        tools:context=".Home">

```

```

<de.hdodenhof.circleimageview.CircleI
        mageView
        android:id="@+id/profil"
        android:layout_width="220dp"
        android:layout_height="220dp"

```

```

        android:layout_marginEnd="1
        08dp"
        android:layout_marginTop="50dp"

```

```

        android:layout_centerHorizont
        al="true"
        android:src="@drawable/logo"
        tools:ignore="MissingConstraints"

```

```

        tools:layout_editor_absoluteY
        ="49dp" />

```

```

<Button

```

```

        android:id="@+id/masuk"
        android:layout_width="180dp"
        android:layout_height="80dp"

```

```

        android:layout_alignParentTo
        p="true"

```

```

        android:layout_centerHorizont
        al="true"

```

```

        android:layout_marginTop="3
        40dp"

```

```

        android:backgroundTint="@c
        olor/green_600"
        android:fontFamily="sans-serif-
        black"
        android:text="Masuk"
        android:textColor="@color/black"
        android:textSize="12dp" />

```

```

<Button

```

```

        android:id="@+id/tentang_aplikasi"
        android:layout_width="180dp"
        android:layout_height="80dp"
        android:text="Tentang Aplikasi"

```

```

        android:backgroundTint="@color/green_600"

        android:layout_marginTop="430dp"
        android:fontFamily="sans-serif-black"
        android:textSize="12dp"
        android:textColor="@color/black"

        android:layout_alignParentTop="true"

        android:layout_centerHorizontal="true"/>
</RelativeLayout>

```

25. Activity_menu_utama

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@drawable/walpaper3"
    tools:context=".Menu_utama">

    <com.google.android.material.appbar.AppBarLayout

```

```

        android:layout_width="match_parent"

        android:layout_height="wrap_content">

        <androidx.appcompat.widget.Toolbar
            android:id="@+id/toolbar"

            android:layout_width="match_parent"

            android:layout_height="?attr/actionBarSize"

            android:background="@color/green_600"

            app:layout_scrollFlags="scroll|enterAlways">

            <ImageButton
                android:id="@+id/btnBack"
                android:layout_width="50dp"
                android:layout_height="50dp"

                android:background="@color/green_600"

                android:layout_marginTop="2dp"

                android:src="@drawable/baseline_arrow_back_ios_new_24"

                android:contentDescription="Back"/>

            </androidx.appcompat.widget.Toolbar>

        </com.google.android.material.appbar.AppBarLayout>

```

<androidx.core.widget.Nested ScrollView	android:layout_margin="20dp "
android:layout_width="wrap_ content"	app:cardCornerRadius="8dp">
android:layout_height="wrap_ content"	<LinearLayout
android:layout_marginTop="6 0dp"	android:layout_width="match _parent"
tools:ignore="MissingConstrai nts">	android:layout_height="wrap_ content" android:gravity="center"
<GridLayout android:id="@+id/grid_layout"	android:orientation="vertical" >
android:layout_width="match _parent"	<ImageView
android:layout_height="match _parent"	android:layout_width="120dp "
android:layout_marginHorizon tal="0dp"	android:layout_height="100dp "
android:alignmentMode="alig nMargins"	android:layout_marginBottom ="20dp"
android:columnCount="2"	android:src="@drawable/hidro ponik" />
android:columnOrderPreserve d="false"	<TextView
android:rowCount="3"	android:layout_width="wrap_ content"
app:layout_constraintBottom_t oBottomOf="parent"	android:layout_height="wrap_ content" android:gravity="center"
app:layout_constraintEnd_toE ndOf="parent">	android:fontFamily="sans- serif-condensed"
<androidx.cardview.widget.Ca rdView	android:text="Pengenal an Hidroponik"
android:id="@+id/btn1"	android:textColor="@color/bl ack"
android:layout_width="150dp "	
android:layout_height="180dp "	

```

        android:textSize="15dp"
    />
</LinearLayout>

</androidx.cardview.widget.C
ardView>

<androidx.cardview.widget.Ca
rdView
    android:id="@+id/btn2"

    android:layout_width="150dp
    "

    android:layout_height="180dp
    "

    android:layout_marginTop="1
8dp"

    app:cardCornerRadius="8dp">

    <LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"
        android:gravity="center"

        android:orientation="vertical"
    >
        <ImageView

            android:layout_width="120dp
            "

            android:layout_height="90dp"

            android:layout_marginTop="1
            8dp"

            android:src="@drawable/medi
            a" />

            <TextView

```

```

        android:layout_width="wrap_
        content"

        android:layout_height="40dp"
        android:gravity="center"

        android:fontFamily="sans-
        serif-condensed"

        android:layout_marginTop="2
        0dp"
        android:text="Media
        Tanam dan
        Pupuk Hidroponik"

        android:layout_marginBottom
        ="30dp"

        android:textColor="@color/bl
        ack"
        android:textSize="15dp"
    />

</LinearLayout>

</androidx.cardview.widget.C
ardView>
<androidx.cardview.widget.
CardView
    android:id="@+id/btn3"

    android:layout_width="150dp
    "

    android:layout_height="180dp"
    android:layout_margin="20dp"
    app:cardCornerRadius="8dp">

    <LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"
        android:gravity="center"

        android:orientation="vertical"
    >

```

```

<ImageView
android:layout_width="120dp
"

android:layout_height="80dp"

android:src="@drawable/teknik" />

<TextView

android:layout_width="wrap_
content"

android:layout_height="wrap_
content"

android:layout_marginTop="1
6dp"

android:layout_marginBottom
="30dp"
    android:gravity="center"

android:fontFamily="sans-
serif-condensed"
    android:text="Teknik
Penanaman Hidroponik"

android:textColor="@color/bl
ack"
    android:textSize="15dp"
/>

</LinearLayout>

</androidx.cardview.widget.C
ardView>

<androidx.cardview.widget.Ca
rdView
android:id="@+id/btn4"

android:layout_width="150dp
"

android:layout_height="180dp
"

```

```

android:layout_marginTop="1
8dp"

app:cardCornerRadius="8dp">

<LinearLayout

android:layout_width="match
_parent"

android:layout_height="match
_parent"
    android:gravity="center"

android:orientation="vertical"
>

<ImageView

android:layout_width="120dp
"

android:layout_height="100dp
"

android:layout_marginTop="1
5dp"

android:src="@drawable/peny
akit" />

<TextView

android:layout_width="wrap_
content"

android:layout_height="50dp"
    android:gravity="center"

android:layout_marginBottom
="40dp"

android:fontFamily="sans-
serif-condensed"
    android:text="Penyakit
dan Hama Tanaman
Hidroponik"

```

```

        android:textColor="@color/black"
        android:textSize="15dp"
    />
</LinearLayout>

</androidx.cardview.widget.CardView>

```

```

<androidx.cardview.widget.CardView
    android:id="@+id/btn5"

```

```

    android:layout_width="150dp"
    "

```

```

    android:layout_height="180dp"
    "

```

```

    android:layout_margin="20dp"
    "

```

```

    app:cardCornerRadius="8dp">

```

```

    <LinearLayout

```

```

        android:layout_width="match_parent"

```

```

        android:layout_height="match_parent"
        android:gravity="center"

```

```

        android:layout_marginBottom="20dp"

```

```

        android:orientation="vertical"
    >

```

```

        <ImageView

```

```

            android:layout_width="140dp"
            "

```

```

            android:layout_height="70dp"

```

```

            android:src="@drawable/baseline_play_circle_24" />

```

```

        <TextView

```

```

            android:layout_width="wrap_content"

```

```

            android:layout_height="wrap_content"

```

```

            android:layout_marginTop="16dp"

```

```

                android:gravity="center"

```

```

            android:fontFamily="sans-serif-condensed"

```

```

            android:text="Vidio Budidaya Hidroponik"

```

```

            android:textColor="@color/black"

```

```

                android:textSize="15dp"

```

```

        />
    </LinearLayout>

```

```

</androidx.cardview.widget.CardView>

```

```

<androidx.cardview.widget.CardView
    android:id="@+id/btn6"

```

```

    android:layout_width="150dp"
    "

```

```

    android:layout_height="180dp"
    "

```

```

    android:layout_marginTop="18dp"

```

```

    app:cardCornerRadius="8dp">

```

```

    <LinearLayout

```

```

        android:layout_width="match_parent"

```

```

        android:layout_height="match_parent"

```

<pre> android:gravity="center" android:orientation="vertical" > <ImageView android:layout_width="140dp" " android:layout_height="70dp" android:src="@drawable/baseline_camera_alt_24" /> <TextView android:layout_width="wrap_ content" android:layout_height="wrap_ content" android:layout_marginTop="1 8dp" android:gravity="center" android:fontFamily="sans- serif-condensed" android:text="Kamera Pendeteksi Jenis Hama dan Penyakit Hidroponik" android:textColor="@color/bl ack" android:textSize="14dp" /> </LinearLayout> </androidx.cardview.widget.C ardView> </GridLayout> </androidx.core.widget.Nested ScrollView> </RelativeLayout> </pre>	<pre> <?xml version="1.0" encoding="utf- 8"?> <RelativeLayout xmlns:android="http://schema s.android.com/apk/res/android " xmlns:app="http://schemas.an droid.com/apk/res-auto" xmlns:tools="http://schemas.a ndroid.com/tools" android:layout_width="match _parent" android:layout_height="match _parent" android:background="@drawa ble/walpaper3" tools:context=".Menu_satu"> <androidx.appcompat.widget.Toolbar android:id="@+id/toolbar" android:layout_width="match _parent" android:gravity="center" android:layout_height="?attr/a ctionBarSize" android:background="@color/ green_600" /> <ImageButton android:id="@+id/btnBack" android:layout_width="50dp" android:layout_height="50dp" android:layout_marginTop="2dp" android:background="@color/ green_600" android:layout_marginLeft="10dp" android:src="@drawable/basel ine_arrow_back_ios_new_24" </pre>
--	---

26. Activity_menu_satu

```

        android:contentDescription="
        Back"/>
<Button
    android:id="@+id/btn1"
    android:layout_width="220dp"
    android:layout_height="80dp"
    android:text="Definisi Hidroponik"
    android:textSize="12dp"
    android:fontFamily="sans-serif-
        black"
    android:textColor="@color/black"

    android:backgroundTint="@c
    olor/green_600"

    android:layout_marginTop="2
    50dp"

    android:layout_alignParentTo
    p="true"

    android:layout_centerHorizont
    al="true"/>
<Button
    android:id="@+id/btn2"
    android:layout_width="220dp"
    android:layout_height="80dp"
    android:text="Keunggulan dan
        Kelemahan Hidroponik "

    android:backgroundTint="@c
    olor/green_600"

    android:layout_marginTop="3
    50dp"
    android:fontFamily="sans-serif-
        black"
    android:textSize="12dp"
    android:textColor="@color/black"

    android:layout_alignParentTo
    p="true"

    android:layout_centerHorizont
    al="true"/>
</RelativeLayout>

```

27. Activity_menu_dua

```

<?xml version="1.0" encoding="utf-
8"?>
<RelativeLayout
    xmlns:android="http://schema
s.android.com/apk/res/android
"

    xmlns:app="http://schemas.an
droid.com/apk/res-auto"

    xmlns:tools="http://schemas.a
ndroid.com/tools"

    android:layout_width="match
_parent"

    android:layout_height="match
_parent"

    android:background="@drawa
ble/walpaper3"
    tools:context=".Menu_dua">
<TextView
    android:layout_width="match
_parent"
    android:layout_height="60dp"

    android:background="@color/
green_600"
    android:fontFamily="sans-serif-
condensed-medium"
    android:gravity="center"
    android:text="Media Tanam dan
        Pupuk Hidroponik"
    android:textColor="@color/black"
    android:textSize="17sp" />
<ImageButton
    android:id="@+id/kembali_M"
    android:layout_width="50dp"
    android:layout_height="50dp"

    android:background="@color/
green_600"
    android:layout_marginTop="6dp"

    android:layout_marginHorizon
tal="6dp"

```

```

        android:src="@drawable/baseline_arrow_back_ios_new_24"
    />
<Button
    android:id="@+id/btnM1"
    android:layout_width="200dp"
    android:layout_height="100dp"
    android:text="Jenis-jenis Media Tanam Hidroponik"
    android:textSize="12dp"
    android:fontFamily="sans-serif-black"
    android:textColor="@color/black"

    android:backgroundTint="@color/green_600"

    android:layout_marginTop="200dp"

    android:layout_alignParentTo
p="true"

    android:layout_centerHorizontal="true"/>
<Button
    android:id="@+id/btnM2"
    android:layout_width="200dp"
    android:layout_height="100dp"
    android:text="Jenis-jenis Pupuk Hidroponik "

    android:backgroundTint="@color/green_600"

    android:layout_marginTop="320dp"
    android:textSize="12dp"
    android:fontFamily="sans-serif-black"
    android:textColor="@color/black"

    android:layout_alignParentTo
p="true"

    android:layout_centerHorizontal="true"/>
<Button
    android:id="@+id/btnM3"

```

```

    android:layout_width="200dp"
    android:layout_height="100dp"
    android:text="Tips Pembuatan Nutrisi Hidroponik "

    android:backgroundTint="@color/green_600"

    android:layout_marginTop="440dp"
    android:textSize="12dp"
    android:fontFamily="sans-serif-black"
    android:textColor="@color/black"

    android:layout_alignParentTo
p="true"

    android:layout_centerHorizontal="true"/>

```

</RelativeLayout>

28. Activity_menu_tiga

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@drawable/walpaper3"
    tools:context=".Menu_tiga">

    <TextView

```

```

        android:layout_width="match
        _parent"
        android:layout_height="60dp"

        android:background="@color/
        green_600"
        android:fontFamily="sans-serif-
        condensed-medium"
        android:gravity="center"
        android:text="Teknik Penanaman
        Hidroponik"
        android:textColor="@color/black"
        android:textSize="18sp" />

<ImageButton
    android:id="@+id/kembali_T"
    android:layout_width="50dp"
    android:layout_height="50dp"

    android:background="@color/
    green_600"
    android:layout_marginTop="6dp"

    android:layout_marginHorizon
    tal="6dp"

    android:src="@drawable/basel
    ine_arrow_back_ios_new_24"
    />

```

```

<Button
    android:id="@+id/btnT1"
    android:layout_width="250dp"
    android:layout_height="90dp"
    android:text="Jenis-jenis Teknik
    Penanaman Hidroponik"
    android:textSize="12dp"
    android:fontFamily="sans-serif-
    black"
    android:textColor="@color/black"

    android:backgroundTint="@c
    olor/green_600"

    android:layout_marginTop="2
    50dp"

    android:layout_alignParentTo
    p="true"

```

```

        android:layout_centerHorizont
        al="true"/>

<Button
    android:id="@+id/btnT2"
    android:layout_width="250dp"
    android:layout_height="90dp"
    android:text="Tata cara
    Penanaman Secara Hidroponik
    "

    android:backgroundTint="@c
    olor/green_600"

    android:layout_marginTop="3
    50dp"
    android:textSize="12dp"
    android:fontFamily="sans-serif-
    black"
    android:textColor="@color/black"

    android:layout_alignParentTo
    p="true"

    android:layout_centerHorizont
    al="true"/>

```

</RelativeLayout>

29. Activity_menu_empat

```

<?xml version="1.0" encoding="utf-
8"?>

<RelativeLayout
    xmlns:android="http://schema
    s.android.com/apk/res/android
    "

    xmlns:app="http://schemas.an
    droid.com/apk/res-auto"

    xmlns:tools="http://schemas.a
    ndroid.com/tools"

    android:layout_width="match
    _parent"

    android:layout_height="match
    _parent"

```

```

        android:background="@drawable/walpaper3"
tools:context=".Menu_empat">

```

```

<TextView

```

```

        android:layout_width="match
        _parent"
        android:layout_height="60dp"

        android:background="@color/
        green_600"
        android:fontFamily="sans-serif-
        condensed-medium"
        android:gravity="center"
        android:text="Penyakit dan Hama
        Hidroponik"
        android:textColor="@color/black"
        android:textSize="18sp" />

```

```

<ImageButton

```

```

        android:id="@+id/kembali_P"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_marginTop="6dp"

```

```

        android:background="@color/
        green_600"

```

```

        android:layout_marginHorizon
        tal="6dp"

```

```

        android:src="@drawable/basel
        ine_arrow_back_ios_new_24"
        />

```

```

<Button

```

```

        android:id="@+id/btnP1"
        android:layout_width="250dp"
        android:layout_height="100dp"
        android:text="Jenis-jenis Penyakit
        dan Hama Hidroponik"
        android:textSize="12dp"
        android:fontFamily="sans-serif-
        black"
        android:textColor="@color/black"

```

```

        android:backgroundTint="@c
        olor/green_600"

```

```

        android:layout_marginTop="2
        50dp"

```

```

        android:layout_alignParentTo
        p="true"

```

```

        android:layout_centerHorizont
        al="true"/>

```

```

<Button

```

```

        android:id="@+id/btnP2"
        android:layout_width="250dp"
        android:layout_height="100dp"
        android:text="Upaya Pengendalian
        dan Pencegahan Penyakit dan
        Hama Hidroponik "

```

```

        android:backgroundTint="@c
        olor/green_600"

```

```

        android:layout_marginTop="3
        50dp"

```

```

        android:textSize="12dp"
        android:fontFamily="sans-serif-
        black"
        android:textColor="@color/black"

```

```

        android:layout_alignParentTo
        p="true"

```

```

        android:layout_centerHorizont
        al="true"/>

```

```

</RelativeLayout>

```

30. Activity_menu_lima

```

<?xml version="1.0" encoding="utf-
8"?>

```

```

<RelativeLayout

```

```

        xmlns:android="http://schema
        s.android.com/apk/res/android
        "

```

```

        xmlns:app="http://schemas.an
        droid.com/apk/res-auto"

```

```

        xmlns:tools="http://schemas.a
        ndroid.com/tools"

```

```

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:background="@drawa
        ble/walpaper3"
tools:context=".Menu_lima">

```

<TextView

```

        android:layout_width="match
        _parent"
        android:layout_height="60dp"

        android:background="@color/
        green_600"
        android:fontFamily="sans-serif-
        condensed-medium"
        android:gravity="center"
        android:text="Vidio Budidaya
        Hidroponik"
        android:textColor="@color/black"
        android:textSize="20sp" />

```

<ImageButton

```

        android:id="@+id/kembali_V"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_marginTop="6dp"

        android:background="@color/
        green_600"

        android:layout_marginHorizon
        tal="6dp"

        android:src="@drawable/basel
        ine_arrow_back_ios_new_24"
        />

```

<Button

```

        android:id="@+id/btnV1"
        android:layout_width="300dp"
        android:layout_height="100dp"
        android:text="Vidio Tutorial
        Merakit Teknik-Teknik
        Hidroponik"

```

```

        android:textSize="12dp"
        android:fontFamily="sans-serif-
        black"
        android:textColor="@color/black"

```

```

        android:backgroundTint="@c
        olor/green_600"

```

```

        android:layout_marginTop="2
        50dp"

```

```

        android:layout_alignParentTo
        p="true"

```

```

        android:layout_centerHorizont
        al="true"/>

```

<Button

```

        android:id="@+id/btnV2"
        android:layout_width="300dp"
        android:layout_height="100dp"
        android:text="Vidio Tips
        Penanaman Hidroponik dari
        barang bekas"

        android:backgroundTint="@c
        olor/green_600"

```

```

        android:layout_marginTop="3
        50dp"

```

```

        android:textSize="12dp"
        android:fontFamily="sans-serif-
        black"
        android:textColor="@color/black"

```

```

        android:layout_alignParentTo
        p="true"

```

```

        android:layout_centerHorizont
        al="true"/>

```

</RelativeLayout>

31. Activity_menu_enam

```

<?xml version="1.0" encoding="utf-
8"?>

```

<RelativeLayout

```

        xmlns:android="http://schema
        s.android.com/apk/res/android
        "

```

```

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent"

android:layout_centerHorizontal="true"

        android:background="@drawable/walpaper3"
tools:context=".Menu_enam">

<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

        android:layout_width="match_parent"
        android:gravity="center"

        android:layout_height="?attr/actionBarSize"

        android:background="@color/green_600" />

<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"

        android:background="@color/green_600"
        android:layout_marginTop="2dp"
        android:layout_marginLeft="10dp"

        android:src="@drawable/baseline_arrow_back_ios_new_24"

        android:contentDescription="Back"/>

```

```

<androidx.cardview.widget.CardView
    android:id="@+id/card"
    android:layout_width="250dp"
    android:layout_height="200dp"

        android:layout_centerVertical="true"
        app:cardCornerRadius="40dp"

        android:layout_centerHorizontal="true">

<ImageView

    android:id="@+id/action_image"
    android:layout_width="140dp"
    android:layout_height="80dp"
    android:layout_gravity="center"

        android:layout_marginTop="25dp"

        android:src="@drawable/baseline_camera_alt_24" />

<TextView
    android:id="@+id/text"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginTop="30dp"
        android:gravity="center"
        android:padding="12dp"
        android:text="Pengambilan Gambar Penyakit dan Hama Tanaman Hidroponik"

        android:textColor="@color/black"
        android:textSize="12dp"
        android:fontFamily="sans-serif-black"/>

```

```

        </androidx.cardview.widget.C
ardView>
</RelativeLayout>
32. Activity_definisi_hidroponik
<?xml version="1.0" encoding="utf-
8"?>
<RelativeLayout
    xmlns:android="http://schema
s.android.com/apk/res/android
"

    xmlns:app="http://schemas.an
droid.com/apk/res-auto"

    xmlns:tools="http://schemas.a
ndroid.com/tools"

    android:layout_width="match
_parent"

    android:layout_height="match
_parent"

    android:background="@drawa
ble/walpaper4"

    tools:context=".Definisi_Hidro
ponik">

<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

        android:layout_width="match
_parent"
        android:gravity="center"

        android:layout_height="?attr/a
ctionBarSize"

        android:background="@color/
green_600" />

<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

```

```

        android:background="@color/
green_600"
        android:layout_marginLeft="10dp"

        android:src="@drawable/basel
ine_arrow_back_ios_new_24"

        android:contentDescription="
Back"/>
<ImageView
    android:id="@+id/soundIcon1"
    android:layout_width="50dp"
    android:layout_height="30dp"
    android:layout_gravity="center"
    android:layout_marginTop="10dp"

        android:layout_marginLeft="2
60dp"

        android:src="@drawable/basel
ine_volume_up_24"

        android:contentDescription="
Speak"/>
<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

        android:background="@color/
green_600"

        android:layout_marginLeft="3
00dp"

        android:src="@drawable/basel
ine_stop_circle_24"

        android:contentDescription="
Stop"/>
<ScrollView

        android:layout_width="match
_parent"

        android:layout_height="match
_parent"

```

<pre> android:layout_below="@id/toolbar"> <LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:orientation="vertical" android:padding="16dp"> <FrameLayout android:layout_width="match_parent" android:layout_height="200dp" android:layout_marginBottom="16dp" android:layout_marginTop="16dp"> <!-- Placeholder Image --> <ImageView android:id="@+id/videoThumbnail" android:layout_width="match_parent" android:layout_height="200dp" android:layout_marginBottom="16dp" android:layout_marginTop="16dp" android:scaleType="centerCrop" android:src="@drawable/awal2" /> <ImageView </pre>	<pre> android:id="@+id/playButton" android:layout_width="wrap_content" android:layout_height="wrap_content" android:layout_gravity="center" android:layout_marginTop="30dp" android:src="@drawable/baseline_play_circle_24" android:contentDescription="Play Video" android:padding="8dp"/> <VideoView android:id="@+id/videoView2" android:layout_width="wrap_content" android:layout_height="200dp" android:layout_marginTop="16dp" android:layout_marginBottom="16dp" android:visibility="gone" /> </FrameLayout> <!-- TextViews with individual sound icons --> <LinearLayout android:layout_width="match_parent" </pre>
--	--

```

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">

<TextView
    android:id="@+id/textView1"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"

    android:paddingBottom="8dp"

    android:justificationMode="in
    ter_word"

    android:layout_marginTop="1
    0dp"

    android:text="@string/definisi
    "

    android:textColor="@color/w
    hite"
    android:textSize="16dp"/>

<TextView
    android:id="@+id/textView2"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"
    android:text="Singkatnya:"
    android:textStyle="bold"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"

```

```

        android:paddingBottom="8dp"
        />

<TextView
    android:id="@+id/textView3"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

    android:justificationMode="in
    ter_word"

    android:text="@string/kesimp
    ulan"

    android:paddingBottom="2dp"
    />

</LinearLayout>
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

33. Activity_keunggulan_hidroponik

```

<?xml version="1.0" encoding="utf-
8"?>

<RelativeLayout
    xmlns:android="http://schema
s.android.com/apk/res/android
"

    xmlns:app="http://schemas.an
droid.com/apk/res-auto"

    xmlns:tools="http://schemas.a
ndroid.com/tools"

    android:layout_width="match
    _parent"

```

```

        android:layout_height="match
        _parent"

        android:background="@drawa
        ble/walpaper4"

        tools:context=".Keunggulan_
        Hidroponik">
<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

        android:layout_width="match
        _parent"
        android:gravity="center"

        android:layout_height="?attr/a
        ctionBarSize"

        android:background="@color/
        green_600" />
<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

        android:background="@color/
        green_600"
        android:layout_marginLeft="10dp"

        android:src="@drawable/basel
        ine_arrow_back_ios_new_24"

        android:contentDescription="
        Back"/>
<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

        android:background="@color/
        green_600"

        android:layout_marginLeft="3
        00dp"

```

```

        android:src="@drawable/basel
        ine_stop_circle_24"

        android:contentDescription="
        Stop"/>
<ScrollView

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:layout_below="@id/t
        oolbar">
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"
        android:padding="16dp">
<FrameLayout

        android:layout_width="match
        _parent"
        android:layout_height="200dp"

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp">
<!-- Placeholder Image -->
<ImageView

        android:id="@+id/videoThum
        bnail"

        android:layout_width="match
        _parent"

        android:layout_height="200dp
        "

```

```

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp"

        android:scaleType="centerCro
        p"

        android:src="@drawable/awal
        3" />
<ImageView

        android:id="@+id/playButton
        "

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="3
        0dp"

        android:src="@drawable/basel
        ine_play_circle_24"

        android:contentDescription="
        Play Video"
        android:padding="8dp"/>
<VideoView

        android:id="@+id/videoView
        3"

        android:layout_width="wrap_
        content"

        android:layout_height="200dp
        "

        android:layout_marginTop="1
        6dp"

```

```

        android:layout_marginBottom
        ="16dp"
        android:visibility="gone" />
</FrameLayout>
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vartic
        al">
<ImageView

        android:id="@+id/soundIcon1
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
        android:id="@+id/textView"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:paddingBottom="8dp"
        android:text="Keunggulan
        Hidroponik:"

        android:textColor="@color/pi
        nk"

```

```

        android:textSize="18dp"
        android:textStyle="bold" />
<TextView
    android:id="@+id/textView1"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"

    android:paddingBottom="18d
    p"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

    android:text="@string/keungg
    ulan"/>
</LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
<ImageView

    android:id="@+id/soundIcon2
    "

    android:layout_width="100dp
    "
    android:layout_height="30dp"

    android:layout_gravity="cente
    r"

    android:src="@drawable/basel
    ine_volume_up_24"

```

```

        android:contentDescription="
        Speak"/>
<TextView
    android:id="@+id/textView2"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"
    android:text="Kelemahan
    Hidroponik:"
    android:textStyle="bold"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"

    android:paddingBottom="8dp"
    />
<TextView
    android:id="@+id/textView3"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"
    android:fontFamily="sans-
    serif-condensed"

    android:justificationMode="in
    ter_word"
    android:textSize="16dp"

    android:text="@string/kelema
    han"

    android:paddingBottom="2dp"
    />
</LinearLayout>
</LinearLayout>

```

```

</ScrollView>
</RelativeLayout>

```

34. Activity_media_hidroponik

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/walpaper4"
    tools:context=".Media_Hidroponik">

    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"

        android:layout_width="match_parent"
        android:gravity="center"

        android:layout_height="?attr/actionBarSize"

        android:background="@color/green_600" />

    <ImageButton
        android:id="@+id/btnBack"
        android:layout_width="50dp"
        android:layout_height="50dp"

        android:background="@color/green_600"
        android:layout_marginTop="2dp"

```

```

        android:layout_marginLeft="10dp"

```

```

        android:src="@drawable/baseline_arrow_back_ios_new_24"

```

```

        android:contentDescription="Back"/>

```

```

<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"

```

```

        android:background="@color/green_600"
        android:layout_marginTop="2dp"

```

```

        android:layout_marginLeft="300dp"

```

```

        android:src="@drawable/baseline_stop_circle_24"

```

```

        android:contentDescription="Stop"/>

```

```

<ScrollView

```

```

    android:layout_width="match_parent"

```

```

    android:layout_height="match_parent"

```

```

    android:layout_below="@id/toolbar">

```

```

<LinearLayout

```

```

    android:layout_width="match_parent"

```

```

    android:layout_height="wrap_content"

```

```

    android:orientation="vertical"

```

```

    android:padding="16dp">

```

```

<FrameLayout

```

```

        android:layout_width="match
        _parent"

        android:layout_height="200dp
        "

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp">
        <ImageView

        android:id="@+id/videoThum
        bnail"

        android:layout_width="match
        _parent"

        android:layout_height="200dp
        "

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp"

        android:scaleType="centerCro
        p"

        android:src="@drawable/awal
        " />
        <ImageView

        android:id="@+id/playButton
        "

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="3
        0dp"

```

```

        android:src="@drawable/basel
        ine_play_circle_24"

        android:contentDescription="
        Play Video"
        android:padding="8dp"/>

        <VideoView

        android:id="@+id/videoView"

        android:layout_width="wrap_
        content"

        android:layout_height="200dp
        "

        android:layout_marginTop="1
        6dp"

        android:layout_marginBottom
        ="16dp"
        android:visibility="gone" />
        </FrameLayout>

        <!-- TextViews with individual
        sound icons -->

        <LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
        <TextView

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

```

```

        android:paddingBottom="8dp"
        android:gravity="center"
        android:text="Jenis-jenis
        Media Tanam Hidroponik"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold"/>
<ImageView

        android:id="@+id/soundIcon2
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
        android:id="@+id/textView1"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:paddingBottom="8dp"
        android:text="1. Rockwool"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:layout_width="match
        _parent"

```

```

        android:layout_height="150dp
        "

        android:src="@drawable/rock
        wool"/>
<TextView
        android:id="@+id/textView2"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:layout_marginTop="1
        0dp"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/rookwo
        l"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
<ImageView

        android:id="@+id/soundIcon3
        "

```

```

        android:layout_width="100dp"
        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="Speak"/>
<TextView
    android:id="@+id/textView3"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:fontFamily="sans-serif-condensed"
    android:text="2. Arang Sekam"
    android:textStyle="bold"

    android:textColor="@color/white"
    android:textSize="18dp"

    android:paddingBottom="8dp"
/>
<ImageView

    android:layout_width="match_parent"

    android:layout_height="150dp"

    android:src="@drawable/aran_gsekam"/>
<TextView
    android:id="@+id/textView4"

    android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"

        android:textColor="@color/white"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:justificationMode="inter_word"

        android:layout_marginTop="10dp"

        android:text="@string/arang_ssekam"

        android:paddingBottom="2dp"
/>
</LinearLayout>
<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:orientation="vertical"

    android:gravity="center_vertical">
<ImageView

    android:id="@+id/soundIcon4"

    android:layout_width="100dp"
    android:layout_height="30dp"

    android:layout_gravity="center"

    android:layout_marginTop="10dp"

    android:src="@drawable/baseline_volume_up_24"

```

```

        android:contentDescription="
        Speak"/>
<TextView
    android:id="@+id/textView5"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"
    android:text="3. Spons"
    android:textStyle="bold"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"

    android:paddingBottom="8dp"
    />
<ImageView

    android:layout_width="match
    _parent"

    android:layout_height="150dp
    "

    android:src="@drawable/spon
    s"/>
<TextView
    android:id="@+id/textView6"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

```

```

        android:justificationMode="in
        ter_word"

        android:layout_marginTop="1
        0dp"

        android:text="@string/Spons"/
        >
</LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
<ImageView

    android:id="@+id/soundIcon5
    "

    android:layout_width="100dp
    "
    android:layout_height="30dp"

    android:layout_gravity="cente
    r"

    android:layout_marginTop="1
    0dp"

    android:src="@drawable/basel
    ine_volume_up_24"

    android:contentDescription="
    Speak"/>
<TextView
    android:id="@+id/textView7"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

```

```

        android:fontFamily="sans-
        serif-condensed"
        android:text="4. Sabut
        Kelapa"
        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
        />
<ImageView

        android:layout_width="match
        _parent"

        android:layout_height="150dp
        "

        android:src="@drawable/sabut
        kelapa"/>
<TextView
        android:id="@+id/textView8"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:justificationMode="in
        ter_word"

        android:layout_marginTop="1
        0dp"

        android:text="@string/Sabut_
        kelapa"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
<ImageView

        android:id="@+id/soundIcon6
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="1
        0dp"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
        android:id="@+id/textView9"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
        android:text="5. Hydroton"
        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
        />

```

<pre> <ImageView android:layout_width="match _parent" android:layout_height="150dp " android:src="@drawable/hydr oton"/> </pre>	<pre> android:id="@+id/soundIcon7 " android:layout_width="100dp " android:layout_height="30dp" android:layout_gravity="cente r" </pre>
<pre> <TextView android:id="@+id/textView10 " android:layout_width="match _parent" android:layout_height="wrap_ content" android:textColor="@color/w hite" android:fontFamily="sans- serif-condensed" android:textSize="16dp" android:justificationMode="in ter_word" android:layout_marginTop="1 0dp" android:text="@string/Hydrot on"/> </pre>	<pre> android:layout_marginTop="1 0dp" android:src="@drawable/basel ine_volume_up_24" android:contentDescription=" Speak"/> <TextView android:id="@+id/textView11 " android:layout_width="match _parent" android:layout_height="wrap_ content" android:fontFamily="sans- serif-condensed" android:text="6. Perlite" android:textStyle="bold" android:textColor="@color/w hite" android:textSize="18dp" android:paddingBottom="8dp" /> </pre>
<pre> </LinearLayout> <LinearLayout android:layout_width="match _parent" android:layout_height="wrap_ content" android:orientation="vertical" android:gravity="center_vertic al"> <ImageView </pre>	<pre> <ImageView android:layout_width="match _parent" android:layout_height="150dp " </pre>

```

        android:src="@drawable/perlite"
    e"/>

<TextView

    android:id="@+id/textView12"
    "

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

    android:justificationMode="in
    ter_word"

    android:layout_marginTop="1
    0dp"

    android:text="@string/perlite"
    />

</LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
<ImageView

    android:id="@+id/soundIcon8"
    "

    android:layout_width="100dp"
    "
    android:layout_height="30dp"

    android:layout_gravity="cente
    r"

    android:layout_marginTop="1
    0dp"

    android:src="@drawable/basel
    ine_volume_up_24"

    android:contentDescription="
    Speak"/>
<TextView

    android:id="@+id/textView13"
    "

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"
    android:text="7. Vermiculite"
    android:textStyle="bold"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"

    android:paddingBottom="8dp"
    />

<ImageView

    android:layout_width="match
    _parent"

    android:layout_height="150dp"
    "

    android:src="@drawable/verm
    iculite"/>

<TextView

    android:id="@+id/textView14"
    "

```

```

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:justificationMode="in
        ter_word"

        android:layout_marginTop="1
        0dp"

        android:text="@string/vermic
        ulite"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
<ImageView

        android:id="@+id/soundIcon9
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="1
        0dp"

```

```

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView

        android:id="@+id/textView15
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
        android:text="8. Pumice"
        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
        />

<ImageView

        android:layout_width="match
        _parent"

        android:layout_height="150dp
        "

        android:src="@drawable/pem
        uce"/>

<TextView

        android:id="@+id/textView16
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

```

```

        android:textColor="@color/white"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:justificationMode="inter_word"

        android:layout_marginTop="10dp"

        android:text="@string/pumice"
    "/>

</LinearLayout>
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

35. Activity_pupuk_hidroponik

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@drawable/walpaper4"
    tools:context=".Pupuk_Hidroponik">

    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"

```

```

        android:layout_width="match_parent"
        android:gravity="center"

        android:layout_height="?attr/actionBarSize"

        android:background="@color/green_600" />

<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"

    android:background="@color/green_600"
    android:layout_marginTop="2dp"
    android:layout_marginLeft="10dp"

    android:src="@drawable/baseline_arrow_back_ios_new_24"

    android:contentDescription="Back"/>

<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

    android:background="@color/green_600"

    android:layout_marginLeft="300dp"

    android:src="@drawable/baseline_stop_circle_24"

    android:contentDescription="Stop"/>

<ScrollView

    android:layout_width="match_parent"

```

```

        android:layout_height="match
        _parent"

        android:layout_below="@id/t
        oolbar">
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"
        android:padding="16dp">
<FrameLayout

        android:layout_width="match
        _parent"
        android:layout_height="200dp"

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp">

<!-- Placeholder Image -->
<ImageView

        android:id="@+id/videoThum
        bnail"

        android:layout_width="match
        _parent"

        android:layout_height="200dp
        "

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp"

        android:scaleType="centerCro
        p"

```

```

        android:src="@drawable/awal
        1" />
<ImageView

        android:id="@+id/playButton
        "

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="3
        0dp"

        android:src="@drawable/basel
        ine_play_circle_24"

        android:contentDescription="
        Play Video"
        android:padding="8dp"/>
<VideoView

        android:id="@+id/videoView
        1"

        android:layout_width="wrap_
        content"

        android:layout_height="200dp
        "

        android:layout_marginTop="1
        6dp"

        android:layout_marginBottom
        ="16dp"
        android:visibility="gone" />
</FrameLayout>

<LinearLayout

```

```

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
<TextView

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:paddingBottom="8dp"
        android:gravity="center"
        android:text="Jenis-jenis
        Pupuk Hidroponik"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold"/>
<ImageView

        android:id="@+id/soundIcon1
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
        android:id="@+id/textView"

```

```

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:paddingBottom="8dp"
        android:text="1. Lewatit HD-
        5"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:layout_width="match
        _parent"

        android:layout_height="150dp
        "

        android:src="@drawable/lewa
        tihd5"/>
<TextView
        android:id="@+id/textView1"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:layout_marginTop="1
        0dp"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"

```

```

        android:textSize="16dp"

        android:text="@string/lewati_
        HD"/>
</LinearLayout>

<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
    <ImageView

        android:id="@+id/soundIcon2
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="1
        0dp"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
    <TextView
        android:id="@+id/textView2"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
        android:text="2. Margaflor"

```

```

        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
        />
    <ImageView

        android:layout_width="match
        _parent"

        android:layout_height="150dp
        "

        android:src="@drawable/pupu
        kmargaflor"/>

    <TextView
        android:id="@+id/textView3"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:layout_marginTop="1
        0dp"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:justificationMode="in
        ter_word"

        android:text="@string/margafl
        or"/>

    </LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

```

```

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
<ImageView

        android:id="@+id/soundIcon3
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="1
        0dp"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
        android:id="@+id/textView4"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
        android:text="3. Pupuk AB
        Mix"
        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
        />
<ImageView

```

```

        android:layout_width="match
        _parent"

        android:layout_height="150dp
        "

        android:src="@drawable/abmi
        x"/>
<TextView
        android:id="@+id/textView5"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:layout_marginTop="1
        0dp"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/AB_Mi
        x"

        android:paddingBottom="2dp"
        />
</LinearLayout>
</LinearLayout>
</ScrollView>

```

</RelativeLayout>

36. Activity_tips_pupuk

```

<?xml version="1.0" encoding="utf-
8"?>
<RelativeLayout
        xmlns:android="http://schema
        s.android.com/apk/res/android
        "

```

```

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent"

android:background="@drawable/walpaper4"
tools:context=".Pupuk_Hidroponik">

<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

        android:layout_width="match_parent"
        android:gravity="center"

        android:layout_height="?attr/actionBarSize"

        android:background="@color/green_600" />

<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"

        android:background="@color/green_600"
        android:layout_marginTop="2dp"
        android:layout_marginLeft="10dp"

        android:src="@drawable/baseline_arrow_back_ios_new_24"

        android:contentDescription="Back"/>

<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"

```

```

        android:layout_marginTop="2dp"

        android:background="@color/green_600"

        android:layout_marginLeft="300dp"

        android:src="@drawable/baseline_stop_circle_24"

        android:contentDescription="Stop"/>

<ScrollView

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:layout_below="@id/toolbar">

<LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="16dp">
<FrameLayout

        android:layout_width="match_parent"
        android:layout_height="200dp"

        android:layout_marginBottom="16dp"

        android:layout_marginTop="16dp">

<!-- Placeholder Image -->
<ImageView
    android:id="@+id/videoThumbnail"

```

android:layout_width="match _parent"	android:layout_height="200dp "
android:layout_height="200dp "	android:layout_marginTop="1 6dp"
android:layout_marginBottom ="16dp"	android:layout_marginBottom ="16dp"
android:layout_marginTop="1 6dp"	android:visibility="gone" /> </FrameLayout>
android:scaleType="centerCro p"	<LinearLayout
android:src="@drawable/awal 1" /> <ImageView	android:layout_width="match _parent"
android:id="@+id/playButton "	android:layout_height="wrap_ content" android:orientation="vertical"
android:layout_width="wrap_ content"	android:gravity="center_vartic al"> <TextView
android:layout_height="wrap_ content"	android:layout_width="match _parent"
android:layout_gravity="cente r"	android:layout_height="wrap_ content" android:fontFamily="sans- serif-condensed"
android:layout_marginTop="3 0dp"	android:paddingBottom="8dp" android:gravity="center" android:text="Jenis-jenis Pupuk Hidroponik"
android:src="@drawable/basel ine_play_circle_24"	android:textColor="@color/w hite" android:textSize="18dp" android:textStyle="bold"/> <ImageView
android:contentDescription="Play Video" android:padding="8dp"/> <VideoView	android:id="@+id/soundIcon1 "
android:id="@+id/videoView 1"	android:layout_width="100dp "
android:layout_width="wrap_ content"	

```

        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
    android:id="@+id/textView"

    android:layout_width="match_
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"

    android:paddingBottom="8dp"
    android:text="1. Lewatit HD-
    5"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"
    android:textStyle="bold" />
<ImageView

    android:layout_width="match_
    _parent"

    android:layout_height="150dp
    "

    android:src="@drawable/lewa
    tihd5"/>
<TextView
    android:id="@+id/textView1"

    android:layout_width="match_
    _parent"

    android:layout_height="wrap_
    content"

```

```

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:layout_marginTop="1
        0dp"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/lewati
        HD"/>
</LinearLayout>

<LinearLayout

    android:layout_width="match_
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
    <ImageView

        android:id="@+id/soundIcon2
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="1
        0dp"

        android:src="@drawable/basel
        ine_volume_up_24"

```

```

        android:contentDescription="
        Speak"/>
<TextView
    android:id="@+id/textView2"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"
    android:text="2. Margaflo"

    android:textStyle="bold"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"

    android:paddingBottom="8dp"
    />
<ImageView

    android:layout_width="match
    _parent"

    android:layout_height="150dp
    "

    android:src="@drawable/pupu
    kmargaflor"/>
<TextView
    android:id="@+id/textView3"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"

    android:layout_marginTop="1
    0dp"
    android:fontFamily="sans-
    serif-condensed"

```

```

    android:textSize="16dp"

    android:justificationMode="in
    ter_word"

    android:text="@string/margafl
    or"/>
</LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
<ImageView

    android:id="@+id/soundIcon3
    "

    android:layout_width="100dp
    "

    android:layout_height="30dp"

    android:layout_gravity="cente
    r"

    android:layout_marginTop="1
    0dp"

    android:src="@drawable/basel
    ine_volume_up_24"

    android:contentDescription="
    Speak"/>
<TextView
    android:id="@+id/textView4"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"

```

```

        android:text="3. Pupuk AB
        Mix"
        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
    />
<ImageView

        android:layout_width="match
        _parent"

        android:layout_height="150dp
        "

        android:src="@drawable/abmi
        x"/>

<TextView
        android:id="@+id/textView5"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:layout_marginTop="1
        0dp"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/AB_Mi
        x"

        android:paddingBottom="2dp"
    />

</LinearLayout>
</LinearLayout>

```

```

</ScrollView>

</RelativeLayout>

37. Activity_teknik_hidroponik
<?xml version="1.0" encoding="utf-
8"?>
<RelativeLayout
        xmlns:android="http://schema
        s.android.com/apk/res/android
        "

        xmlns:app="http://schemas.a
        ndroid.com/apk/res-auto"

        xmlns:tools="http://schemas.a
        ndroid.com/tools"

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:background="@drawa
        ble/walpaper4"
        tools:context=".Teknik_Hidroponik">

<androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"

        android:layout_width="match
        _parent"
        android:gravity="center"

        android:layout_height="?attr/a
        ctionBarSize"

        android:background="@color/
        green_600" />

<ImageButton
        android:id="@+id/btnBack"
        android:layout_width="50dp"
        android:layout_height="50dp"

        android:background="@color/
        green_600"
        android:layout_marginTop="2dp"

```

<pre> android:layout_marginLeft="10dp" android:src="@drawable/baseline_arrow_back_ios_new_24" android:contentDescription=" Back"/> <ImageButton android:id="@+id/stopButton" android:layout_width="50dp" android:layout_height="50dp" android:layout_marginTop="2dp" android:background="@color/green_600" android:layout_marginLeft="300dp" android:src="@drawable/baseline_stop_circle_24" android:contentDescription=" Stop"/> <ScrollView android:layout_width="match_parent" android:layout_height="match_parent" android:layout_below="@id/toolbar"> <LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:orientation="vertical" android:padding="16dp"> <FrameLayout </pre>	<pre> android:layout_width="match_parent" android:layout_height="200dp" " android:layout_marginBottom="16dp" android:layout_marginTop="16dp"> <!-- Placeholder Image --> <ImageView android:id="@+id/videoThumbnail" android:layout_width="match_parent" android:layout_height="200dp" " android:layout_marginBottom="16dp" android:layout_marginTop="16dp" android:scaleType="centerCrop" android:src="@drawable/awal4" /> <ImageView android:id="@+id/playButton" " android:layout_width="wrap_content" android:layout_height="wrap_content" android:layout_gravity="center" </pre>
--	--

```

        android:layout_marginTop="35dp"

        android:src="@drawable/baseline_play_circle_24"

        android:contentDescription="
        Play Video"
        android:padding="8dp"/>

<VideoView

        android:id="@+id/videoView4"

        android:layout_width="wrap_content"

        android:layout_height="200dp"

        android:layout_marginTop="16dp"

        android:layout_marginBottom="16dp"
        android:visibility="gone" />
</FrameLayout>

<!-- TextViews with individual
        sound icons -->
<LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:orientation="vertical"

        android:gravity="center_vertical">

<TextView
        android:id="@+id/textView"

        android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"

        android:textColor="@color/white"

        android:paddingBottom="18dp"

        android:layout_marginTop="10dp"

        android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"
        android:text=" Hidroponik
        menawarkan berbagai teknik
        penanaman yang dapat
        disesuaikan dengan kebutuhan
        dan preferensi Anda. Berikut
        beberapa teknik hidroponik
        populer yang sering
        digunakan:"/>
<ImageView

        android:id="@+id/soundIcon1"

        android:layout_width="100dp"

        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView
        android:id="@+id/textView1"

        android:layout_width="match_parent"

```

<pre> android:layout_height="wrap_ content" android:fontFamily="sans- serif-condensed" android:paddingBottom="8dp" android:text="1. Teknik Sistem Wick" android:textColor="@color/w hite" android:textSize="18dp" android:textStyle="bold" /> <ImageView android:layout_width="250dp " android:layout_height="match _parent" android:layout_gravity="cente r" android:src="@drawable/wick 3" /> <TextView android:id="@+id/textView2" android:layout_width="match _parent" android:layout_height="wrap_ content" android:textColor="@color/w hite" android:paddingBottom="18d p" android:justificationMode="in ter_word" android:fontFamily="sans- serif-condensed" android:textSize="16dp" </pre>	<pre> android:text="@string/sistem_ wick"/> </LinearLayout> <LinearLayout android:layout_width="match _parent" android:layout_height="wrap_ content" android:orientation="vertical" android:gravity="center_vertic al"> <ImageView android:id="@+id/soundIcon2 " android:layout_width="100dp " android:layout_height="30dp" android:layout_gravity="cente r" android:src="@drawable/basel ine_volume_up_24" android:contentDescription=" Speak"/> <TextView android:id="@+id/textView3" android:layout_width="match _parent" android:layout_height="wrap_ content" android:fontFamily="sans- serif-condensed" android:paddingBottom="8dp" android:layout_marginTop="1 0dp" </pre>
--	---

```

        android:text="2. Sistem NFT
(Nutrient Film Technique)"

        android:textColor="@color/w
hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:layout_width="250dp
"

        android:layout_height="180dp
"

        android:layout_gravity="cente
r"
        android:src="@drawable/nft"
/>
<TextView
        android:id="@+id/textView4"

        android:layout_width="match
_parent"

        android:layout_height="wrap_
content"

        android:textColor="@color/w
hite"

        android:justificationMode="in
ter_word"

        android:paddingBottom="18d
p"
        android:fontFamily="sans-
serif-condensed"
        android:textSize="16dp"

        android:text="@string/sistem_
NFT"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match
_parent"

        android:layout_height="wrap_
content"
        android:orientation="vertical"

        android:gravity="center_vertic
al">
<ImageView

        android:id="@+id/soundIcon3
"

        android:layout_width="100dp
"

        android:layout_height="30dp"

        android:layout_gravity="cente
r"

        android:src="@drawable/basel
ine_volume_up_24"

        android:contentDescription="
Speak"/>
<TextView
        android:id="@+id/textView5"

        android:layout_width="match
_parent"

        android:layout_height="wrap_
content"
        android:fontFamily="sans-
serif-condensed"

        android:layout_marginTop="1
0dp"
        android:text="3. Sistem
Aeroponik"

        android:textColor="@color/w
hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:layout_width="250dp
"

```

```

        android:layout_height="180dp"
        "

        android:layout_gravity="center"

        android:layout_marginHorizontal="20dp"

        android:src="@drawable/aeroponik" />
<TextView
    android:id="@+id/textView6"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:textColor="@color/white"

    android:paddingBottom="18dp"

    android:justificationMode="inter_word"
    android:fontFamily="sans-serif-condensed"
    android:textSize="16dp"

    android:text="@string/sistem_aeroponik"/>
</LinearLayout>
<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:orientation="vertical"

    android:gravity="center_vertical">

```

```

<ImageView

    android:id="@+id/soundIcon4"
    "

    android:layout_width="100dp"
    "

    android:layout_height="30dp"

    android:layout_gravity="center"

    android:src="@drawable/baseline_volume_up_24"

    android:contentDescription="Speak"/>
<TextView
    android:id="@+id/textView7"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:fontFamily="sans-serif-condensed"

    android:layout_marginTop="10dp"
    android:text="4. Sistem Tetes (Drip System)"

    android:textColor="@color/white"
    android:textSize="18dp"
    android:textStyle="bold" />

```

```

<ImageView

    android:layout_width="250dp"
    "

    android:layout_height="120dp"
    "

    android:layout_gravity="center"
    "

```

```

        android:src="@drawable/drip"
    />

<TextView
    android:id="@+id/textView8"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"

    android:justificationMode="in
    ter_word"

    android:paddingBottom="18d
    p"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

    android:text="@string/sistem_
    drip"/>
</LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"

    android:gravity="center_vertic
    al">
<ImageView

    android:id="@+id/soundIcon5
    "

    android:layout_width="100dp
    "
    android:layout_height="30dp"

    android:layout_gravity="cente
    r"

    android:src="@drawable/basel
    ine_volume_up_24"

    android:contentDescription="
    Speak"/>
<TextView
    android:id="@+id/textView9"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"

    android:layout_marginTop="1
    0dp"
    android:text="5. Sistem
    Hidroponik EBB dan Flow
    System"

    android:textColor="@color/w
    hite"
    android:textSize="18dp"
    android:textStyle="bold" />

<ImageView

    android:layout_width="250dp
    "

    android:layout_height="120dp
    "

    android:layout_gravity="cente
    r"

    android:layout_marginHorizon
    tal="20dp"

    android:src="@drawable/ebb_
    flow" />

<TextView

```

```

        android:id="@+id/textView10"
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/sistem_
        EBBFlow"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
<ImageView

        android:id="@+id/soundIcon6
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

```

```

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView

        android:id="@+id/textView11
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:layout_marginTop="1
        0dp"
        android:text="6. Sistem Deep
        Water Culture (DWC)"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:layout_width="250dp
        "

        android:layout_height="140dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/wate
        rculture" />
<TextView

        android:id="@+id/textView12
        "

        android:layout_width="match
        _parent"

```

```

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/sistem_
        DWC"/>
    </LinearLayout>
    </LinearLayout>
</ScrollView>

</RelativeLayout>

```

38. Activity_penanaman_hidroponik

```

<?xml version="1.0" encoding="utf-
8"?>
<RelativeLayout
    xmlns:android="http://schema
s.android.com/apk/res/android
"

    xmlns:app="http://schemas.an
droid.com/apk/res-auto"

    xmlns:tools="http://schemas.a
ndroid.com/tools"

    android:layout_width="match
    _parent"

    android:layout_height="match
    _parent"

    android:background="@drawa
    ble/walpaper4"

    tools:context=".Penanaman_H
    idroponik">

```

```

<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

        android:layout_width="match
        _parent"
        android:gravity="center"

        android:layout_height="?attr/a
        ctionBarSize"

        android:background="@color/
        green_600" />

<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

        android:background="@color/
        green_600"
        android:layout_marginLeft="10dp"

        android:src="@drawable/basel
        ine_arrow_back_ios_new_24"

        android:contentDescription="
        Back"/>

<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

        android:layout_marginLeft="3
        00dp"

        android:background="@color/
        green_600"

        android:src="@drawable/basel
        ine_stop_circle_24"

        android:contentDescription="
        Stop"/>

```

<ScrollView

```
    android:layout_width="match_
    _parent"

    android:layout_height="match
    _parent"

    android:layout_below="@id/t
    oolbar">
```

<LinearLayout

```
    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:orientation="vertical"
    android:padding="16dp">
```

<FrameLayout

```
    android:layout_width="match
    _parent"

    android:layout_height="200dp
    "

    android:layout_marginBottom
    ="16dp"

    android:layout_marginTop="1
    6dp">

    <!-- Placeholder Image -->
    <ImageView

    android:id="@+id/videoThum
    bnail"

    android:layout_width="match
    _parent"

    android:layout_height="200dp
    "

    android:layout_marginBottom
    ="16dp"
```

```
    android:layout_marginTop="1
    6dp"
```

```
    android:scaleType="centerCro
    p"
```

```
    android:src="@drawable/awal
    7" />
```

<ImageView

```
    android:id="@+id/playButton
    "
```

```
    android:layout_width="wrap_
    content"
```

```
    android:layout_height="wrap_
    content"
```

```
    android:layout_gravity="cente
    r"
```

```
    android:layout_marginTop="3
    0dp"
```

```
    android:src="@drawable/basel
    ine_play_circle_24"
```

```
    android:contentDescription="
    Play Video"
    android:padding="8dp"/>
```

<VideoView

```
    android:id="@+id/videoView"
```

```
    android:layout_width="wrap_
    content"
```

```
    android:layout_height="200dp
    "
```

```
    android:layout_marginTop="1
    6dp"
```

```
    android:layout_marginBottom
    ="16dp"
```

```
    android:visibility="gone" />
</FrameLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_
    _parent"
```

```
    android:layout_height="wrap_
    content"
    android:orientation="vertical"
```

```
    android:gravity="center_vertic
    al">
```

```
    <TextView
```

```
        android:id="@+id/textView1"
```

```
        android:layout_width="match
        _parent"
```

```
        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
```

```
        android:paddingBottom="8dp"
```

```
        android:layout_marginTop="1
        5dp"
```

```
            android:gravity="center"
            android:text="Menanam
            berbagai jenis sayuran dengan
            hidroponik dan tata cara
            penanaman"
```

```
        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
```

```
    <ImageView
```

```
        android:id="@+id/soundIcon1
        "
```

```
        android:layout_width="100dp
        "
```

```
        android:layout_height="30dp"
```

```
        android:layout_gravity="cente
        r"
```

```
        android:src="@drawable/basel
        ine_volume_up_24"
```

```
        android:contentDescription="
        Speak"/>
    <TextView
```

```
        android:id="@+id/textView2"
```

```
        android:layout_width="match
        _parent"
```

```
        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
```

```
        android:paddingBottom="8dp"
        android:text="1. Selada"
```

```
        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
```

```
    <ImageView
```

```
        android:layout_width="310dp
        "
```

```
        android:layout_height="180dp
        "
```

```
        android:layout_gravity="cente
        r"
```

```
        android:src="@drawable/selad
        a" />
```

```
    <TextView
```

```
        android:id="@+id/textView3"
```

```
        android:layout_width="match
        _parent"
```

```
        android:layout_height="wrap_
        content"
```

```

        android:textColor="@color/white"

        android:layout_marginTop="15dp"

        android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:text="@string/selada"
    />
</LinearLayout>
<LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:orientation="vertical"

        android:gravity="center_vertical">
    <ImageView

        android:id="@+id/soundIcon2"

        android:layout_width="100dp"

        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="Speak"/>
    <TextView

        android:id="@+id/textView4"

```

```

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:fontFamily="sans-serif-condensed"

        android:paddingBottom="8dp"
        android:text="2. Seledri"

        android:textColor="@color/white"
        android:textSize="18dp"
        android:textStyle="bold" />

    <ImageView

        android:layout_width="280dp"

        android:layout_height="200dp"

        android:layout_gravity="center"

        android:src="@drawable/seledri" />

    <TextView

        android:id="@+id/textView5"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"

        android:layout_marginTop="15dp"

        android:justificationMode="inter_word"

```

```

        android:fontFamily="sans-
serif-condensed"
        android:textSize="16dp"

        android:text="@string/seledri"
    />

    <LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:orientation="vertical"

        android:gravity="center_vertic
        al">
        <ImageView

            android:id="@+id/soundIcon3
            "

            android:layout_width="100dp
            "

            android:layout_height="30dp"

            android:layout_marginTop="1
            0dp"

            android:layout_gravity="cente
            r"

            android:src="@drawable/basel
            ine_volume_up_24"

            android:contentDescription="
            Speak"/>
        <TextView

            android:id="@+id/textView6"

            android:layout_width="match
            _parent"

            android:layout_height="wrap_
            content"

```

```

        android:fontFamily="sans-
serif-condensed"

        android:paddingBottom="8dp"
        android:text="2. Bayam"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold"
    />

    <ImageView

        android:layout_width="280dp
        "

        android:layout_height="200dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/baya
        m" />

    <TextView

        android:id="@+id/textView7"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:layout_marginTop="1
        5dp"

        android:justificationMode="in
        ter_word"

        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

```

```

        android:text="@string/bayam"
    />

</LinearLayout>
<LinearLayout

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:orientation="vertical"

    android:gravity="center_vertic
    al">
        <ImageView

            android:id="@+id/soundIcon4
            "

            android:layout_width="100dp
            "

            android:layout_height="30dp"

            android:layout_gravity="cente
            r"

            android:src="@drawable/basel
            ine_volume_up_24"

            android:contentDescription="
            Speak"/>
            <TextView

                android:id="@+id/textView8"

                android:layout_width="match
                _parent"

                android:layout_height="wrap_
                content"

                android:fontFamily="sans-
                serif-condensed"

                android:paddingBottom="8dp"
                android:text="4. Sawi"

```

```

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold"
    />

    <ImageView

        android:layout_width="3000d
        p"

        android:layout_height="200dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/sawi
        " />

        <TextView

            android:id="@+id/textView9"

            android:layout_width="match
            _parent"

            android:layout_height="wrap_
            content"

            android:textColor="@color/w
            hite"
            android:padding="15dp"

            android:justificationMode="in
            ter_word"

            android:fontFamily="sans-
            serif-condensed"
            android:textSize="16dp"

            android:text="@string/sawi"/>
        </LinearLayout>
    </LinearLayout>

    android:layout_width="match
    _parent"

```

```

        android:layout_height="wrap_
        content"

        android:orientation="vertical"

        android:gravity="center_vertic
        al">
            <ImageView

            android:id="@+id/soundIcon5
            "

            android:layout_width="100dp
            "

            android:layout_height="30dp"

            android:layout_gravity="cente
            r"

            android:src="@drawable/basel
            ine_volume_up_24"

            android:contentDescription="
            Speak"/>
            <TextView

            android:id="@+id/textView10
            "

            android:layout_width="match
            _parent"

            android:layout_height="wrap_
            content"

            android:fontFamily="sans-
            serif-condensed"

            android:paddingBottom="10d
            p"

            android:text="5. Pakcoy"

            android:textColor="@color/w
            hite"

            android:textSize="18dp"
            android:textStyle="bold"
        />

        <ImageView

        android:layout_width="280dp
        "

        android:layout_height="150dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/pakc
        oy" />

        <TextView

        android:id="@+id/textView11
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:padding="15dp"

        android:justificationMode="in
        ter_word"

        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/pakcoy
        "/>

        </LinearLayout>
    </LinearLayout>
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

39. Activity_hamapenyakit_hidroponik

```

<?xml version="1.0" encoding="utf-
8"?>

```

<pre> <RelativeLayout xmlns:android="http://schemas s.android.com/apk/res/android " xmlns:app="http://schemas.an droid.com/apk/res-auto" xmlns:tools="http://schemas.a ndroid.com/tools" android:layout_width="match _parent" android:layout_height="match _parent" android:background="@drawa ble/walpaper4" tools:context=".Hamapenyakit _Hidroponik"> </pre>	<pre> android:contentDescription=" Back"/> </pre>
<pre> android:layout_width="match _parent" android:layout_height="match _parent" android:background="@drawa ble/walpaper4" tools:context=".Hamapenyakit _Hidroponik"> </pre>	<pre> <ImageButton android:id="@+id/stopButton" android:layout_width="50dp" android:layout_height="50dp" android:background="@color/ green_600" android:layout_marginTop="2dp" android:layout_marginLeft="3 00dp" android:src="@drawable/basel ine_stop_circle_24" android:contentDescription=" Stop"/> </pre>
<pre> <androidx.appcompat.widget.Toolbar android:id="@+id/toolbar" android:layout_width="match _parent" android:gravity="center" android:layout_height="?attr/a ctionBarSize" android:background="@color/ green_600" /> </pre>	<pre> <ScrollView android:layout_width="match _parent" android:layout_height="match _parent" android:layout_below="@id/t oolbar"> </pre>
<pre> <ImageButton android:id="@+id/btnBack" android:layout_width="50dp" android:layout_height="50dp" android:layout_marginTop="2dp" android:background="@color/ green_600" android:layout_marginLeft="10dp" android:src="@drawable/basel ine_arrow_back_ios_new_24" </pre>	<pre> <LinearLayout android:layout_width="match _parent" android:layout_height="wrap_ content" android:orientation="vertical" android:padding="16dp"> <FrameLayout android:layout_width="match _parent" </pre>

```
android:layout_height="200dp"
"
```

```
android:layout_marginBottom
="16dp"
```

```
android:layout_marginTop="1
6dp">
```

```
<!-- Placeholder Image -->
<ImageView
```

```
android:id="@+id/videoThum
bnail"
```

```
android:layout_width="match
_parent"
```

```
android:layout_height="200dp"
"
```

```
android:layout_marginBottom
="16dp"
```

```
android:layout_marginTop="1
6dp"
```

```
android:scaleType="centerCro
p"
```

```
android:src="@drawable/awal
6" />
<ImageView
```

```
android:id="@+id/playButton
"
```

```
android:layout_width="wrap_
content"
```

```
android:layout_height="wrap_
content"
```

```
android:layout_gravity="cente
r"
```

```
android:layout_marginTop="4
5dp"
```

```
android:src="@drawable/basel
ine_play_circle_24"
```

```
android:contentDescription="
Play Video"
    android:padding="8dp"/>
```

```
<VideoView
```

```
android:id="@+id/videoView
5"
```

```
android:layout_width="wrap_
content"
```

```
android:layout_height="200dp"
"
```

```
android:layout_marginTop="1
6dp"
```

```
android:layout_marginBottom
="16dp"
    android:visibility="gone" />
```

```
</FrameLayout>
```

```
<LinearLayout
```

```
android:layout_width="match
_parent"
```

```
android:layout_height="wrap_
content"
android:orientation="vertical"
```

```
android:gravity="center_vertic
al">
```

```
<TextView
```

```
android:id="@+id/textView"
```

```
android:layout_width="match
_parent"
```

```
android:layout_height="wrap_
content"
```

```
android:textColor="@color/w
hite"
```

android:paddingBottom="18dp"

android:layout_marginTop="10dp"

android:justificationMode="inter_word"

 android:fontFamily="sans-serif-condensed"
 android:textSize="16dp"

android:text="@string/pendahuluan"/>
<TextView

android:id="@+id/textView1"

android:layout_width="match_parent"

android:layout_height="wrap_content"
 android:fontFamily="sans-serif-condensed"

android:paddingBottom="8dp"
 android:gravity="center"
 android:text="HAMA TANAMAN HIDROPONIK"

android:textColor="@color/white"
 android:textSize="18dp"
 android:textStyle="bold" />
<ImageView

android:id="@+id/soundIcon1"

android:layout_width="100dp"

android:layout_height="30dp"

android:layout_gravity="center"

android:src="@drawable/baseline_volume_up_24"

android:contentDescription="Speak"/>
<TextView

android:id="@+id/textView2"

android:layout_width="match_parent"

android:layout_height="wrap_content"
 android:fontFamily="sans-serif-condensed"

android:paddingBottom="8dp"
 android:text="1. Tungau/Miles"

android:textColor="@color/white"
 android:textSize="18dp"
 android:textStyle="bold" />

<ImageView

android:layout_width="300dp"

android:layout_height="150dp"

android:layout_marginHorizontal="20dp"

android:src="@drawable/tungau" />
<TextView

android:id="@+id/textView3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

```

        android:textColor="@color/white"

        android:paddingBottom="18dp"

        android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:text="@string/tungau"
    />
</LinearLayout>
<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:orientation="vertical"

    android:gravity="center_vertical">
    <ImageView

        android:id="@+id/soundIcon2"

        android:layout_width="100dp"

        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="Speak"/>
    <TextView

        android:id="@+id/textView4"

```

```

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:fontFamily="sans-serif-condensed"

        android:paddingBottom="8dp"

        android:layout_marginTop="10dp"
        android:text="2. Thrips"

        android:textColor="@color/white"
        android:textSize="18dp"
        android:textStyle="bold" />

    <ImageView

        android:layout_width="250dp"

        android:layout_height="200dp"

        android:layout_gravity="center"

        android:src="@drawable/thrips" />

    <TextView

        android:id="@+id/textView5"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"

        android:justificationMode="inter_word"

```

```

        android:paddingBottom="18dp"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:text="@string/thrips"/
    >
</LinearLayout>
<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:orientation="vertical"

    android:gravity="center_vertical">
    <ImageView

        android:id="@+id/soundIcon3"

        android:layout_width="100dp"

        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="Speak"/>
    <TextView

        android:id="@+id/textView6"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

```

```

        android:fontFamily="sans-serif-condensed"

        android:layout_marginTop="10dp"
        android:text="3. Aphis atau Kutu Daun"

        android:textColor="@color/white"
        android:textSize="18dp"
        android:textStyle="bold" />

    <ImageView

        android:layout_width="250dp"

        android:layout_height="200dp"

        android:layout_gravity="center"

        android:src="@drawable/kutu_daun"/>

    <TextView

        android:id="@+id/textView7"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"

        android:paddingBottom="18dp"

        android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

```

```

        android:text="@string/kutu_d
        aun"/>
</LinearLayout>

<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
        <ImageView

        android:id="@+id/soundIcon4
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
        <TextView

        android:id="@+id/textView8"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:layout_marginTop="1
        0dp"
        android:text="4. Kutu
        Kebul"

```

```

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />

<ImageView

        android:layout_width="250dp
        "

        android:layout_height="160dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/kutu
        _kebul" />

<TextView

        android:id="@+id/textView9"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:justificationMode="in
        ter_word"

        android:paddingBottom="18d
        p"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/kutu_k
        ebul"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match
        _parent"

```

```

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
        <ImageView

        android:id="@+id/soundIcon5
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
        <TextView

        android:id="@+id/textView10
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
            android:fontFamily="sans-
            serif-condensed"

        android:layout_marginTop="1
        0dp"
            android:text="5. Ulat
            Grayak (Spodoptera litura)"

        android:textColor="@color/w
        hite"
            android:textSize="18dp"
            android:textStyle="bold" />

        <ImageView

```

```

        android:layout_width="250dp
        "

        android:layout_height="200dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/ulat_
        grayak" />

        <TextView

        android:id="@+id/textView11
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:justificationMode="in
        ter_word"
            android:fontFamily="sans-
            serif-condensed"
            android:textSize="16dp"

        android:text="@string/ulat_gr
        ayak"/>
        </LinearLayout>
        <LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">

```

```

<ImageView
    android:id="@+id/soundIcon6"
    "

    android:layout_width="100dp"
    "

    android:layout_height="30dp"

    android:layout_gravity="center"

    android:src="@drawable/baseline_volume_up_24"

    android:contentDescription="Speak"/>
<TextView
    android:id="@+id/textView12"
    "

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
        android:fontFamily="sans-serif-condensed"

    android:layout_marginTop="10dp"
        android:text="6. Ulat Kubis (Tritip Plutella Xylostella)"

    android:textColor="@color/white"
        android:textSize="18dp"
        android:textStyle="bold" />

<ImageView

    android:layout_width="250dp"
    "

    android:layout_height="180dp"
    "

```

```

        android:layout_gravity="center"

        android:src="@drawable/ulat_triptip" />

<TextView

    android:id="@+id/textView13"
    "

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:textColor="@color/white"

    android:paddingBottom="18dp"

    android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

    android:text="@string/ulat_kubis"/>
</LinearLayout>
<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:orientation="vertical"

    android:gravity="center_vertical">

<TextView

    android:id="@+id/textView14"
    "

```

```

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:paddingBottom="8dp"
        android:text="JENIS-JENIS
        PENYAKIT TANAMAN
        HIDROPONIK"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:id="@+id/soundIcon7
        "

        android:layout_width="100dp
        "
        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView

        android:id="@+id/textView15
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"

        android:layout_marginTop="1
        0dp"

```

```

        android:text="1. Karat Putih"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />
<ImageView

        android:layout_width="250dp
        "

        android:layout_height="180dp
        "

        android:layout_gravity="cente
        r"

        android:src="@drawable/karat
        _daun" />
<TextView

        android:id="@+id/textView16
        "

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:paddingBottom="18d
        p"

        android:justificationMode="in
        ter_word"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/karat_p
        utih"/>
</LinearLayout>
<LinearLayout

```

```
android:layout_width="match_
parent"
```

```
android:layout_height="wrap_
content"
android:orientation="vertical"

android:gravity="center_vertic
al">
```

```
<ImageView
```

```
android:id="@+id/soundIcon8
"
```

```
android:layout_width="100dp
"
```

```
android:layout_height="30dp"
```

```
android:layout_gravity="cente
r"
```

```
android:src="@drawable/basel
ine_volume_up_24"
```

```
android:contentDescription="
Speak"/>
<TextView
```

```
android:id="@+id/textView17
"
```

```
android:layout_width="match_
parent"
```

```
android:layout_height="wrap_
content"
```

```
    android:fontFamily="sans-
serif-condensed"
```

```
android:layout_marginTop="1
0dp"
```

```
    android:text="2. Busuk
Akar"
```

```
android:textColor="@color/w
hite"
    android:textSize="18dp"
```

```
    android:textStyle="bold" />
```

```
<ImageView
```

```
android:layout_width="250dp
"
```

```
android:layout_height="220dp
"
```

```
android:layout_gravity="cente
r"
```

```
android:src="@drawable/busu
k_akar" />
```

```
<TextView
```

```
android:id="@+id/textView18
"
```

```
android:layout_width="match_
parent"
```

```
android:layout_height="wrap_
content"
```

```
android:textColor="@color/w
hite"
```

```
android:paddingBottom="18d
p"
```

```
android:justificationMode="in
ter_word"
```

```
    android:fontFamily="sans-
serif-condensed"
```

```
    android:textSize="16dp"
```

```
    android:text="@string/busuk_
akar"/>
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_
parent"
```

```
    android:layout_height="wrap_
content"
    android:orientation="vertical"
```

```
android:gravity="center_vertical">
```

```
<ImageView
```

```
android:id="@+id/soundIcon9"
```

```
android:layout_width="100dp"
```

```
android:layout_height="30dp"
```

```
android:layout_gravity="center"
```

```
android:src="@drawable/baseline_volume_up_24"
```

```
android:contentDescription="Speak"/>  
<TextView
```

```
android:id="@+id/textView19"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"  
    android:fontFamily="sans-serif-condensed"
```

```
android:layout_marginTop="10dp"
```

```
    android:text="3. Layout Fusarium"
```

```
android:textColor="@color/white"
```

```
    android:textSize="18dp"
```

```
    android:textStyle="bold" />
```

```
<ImageView
```

```
android:layout_width="250dp"
```

```
android:layout_height="220dp"
```

```
android:layout_gravity="center"
```

```
android:src="@drawable/layout_fusarium" />
```

```
<TextView
```

```
android:id="@+id/textView20"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:textColor="@color/white"
```

```
android:paddingBottom="18dp"
```

```
android:justificationMode="inter_word"
```

```
    android:fontFamily="sans-serif-condensed"
```

```
    android:textSize="16dp"
```

```
    android:text="@string/layout"/>
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</ScrollView>
```

```
</RelativeLayout>
```

40. Activity_pengendalian_penyakit Hama

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
xmlns:app="http://schemas.android.com/apk/res-auto"
```

```

xmlns:tools="http://schemas.a
ndroid.com/tools"

android:layout_width="match
_parent"

android:layout_height="match
_parent"

android:background="@drawa
ble/walpaper4"

tools:context=".Pengendalian_
Penyakithama">

```

```

<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

```

```

        android:layout_width="match
        _parent"
        android:gravity="center"

```

```

        android:layout_height="?attr/a
        ctionBarSize"

```

```

        android:background="@color/
        green_600" />

```

```

<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

    android:background="@color/
    green_600"
    android:layout_marginLeft="10dp"

```

```

        android:src="@drawable/basel
        ine_arrow_back_ios_new_24"

```

```

        android:contentDescription="
        Back"/>

```

```

<ImageButton
    android:id="@+id/stopButton"
    android:layout_width="50dp"
    android:layout_height="50dp"

```

```

        android:background="@color/
        green_600"
        android:layout_marginTop="2dp"

```

```

        android:layout_marginLeft="3
        00dp"

```

```

        android:src="@drawable/basel
        ine_stop_circle_24"

```

```

        android:contentDescription="
        Stop"/>

```

```

<ScrollView

```

```

    android:layout_width="match
    _parent"

```

```

    android:layout_height="match
    _parent"

```

```

    android:layout_below="@id/t
    oolbar">

```

```

<LinearLayout

```

```

    android:layout_width="match
    _parent"

```

```

    android:layout_height="wrap_
    content"
    android:orientation="vertical"
    android:padding="16dp">

```

```

<FrameLayout

```

```

    android:layout_width="match
    _parent"

```

```

    android:layout_height="200dp
    "

```

```

    android:layout_marginBottom
    ="16dp"

```

```

    android:layout_marginTop="1
    6dp">

```

```

<!-- Placeholder Image -->
<ImageView

    android:id="@+id/videoThumbnail"

    android:layout_width="match_parent"

    android:layout_height="200dp"

    android:layout_marginBottom="16dp"

    android:layout_marginTop="16dp"

    android:scaleType="centerCrop"

    android:src="@drawable/awal5" />
<ImageView

    android:id="@+id/playButton"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center"

    android:layout_marginTop="35dp"

    android:src="@drawable/baseline_play_circle_24"

    android:contentDescription="Play Video"
    android:padding="8dp"/>
<VideoView

```

```

    android:id="@+id/videoView6"

    android:layout_width="wrap_content"

    android:layout_height="200dp"

    android:layout_marginTop="16dp"
        android:visibility="gone" />
</FrameLayout>
<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"
    android:orientation="vertical"

    android:gravity="center_vertical">

    <TextView

        android:id="@+id/textView"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"

        android:layout_marginTop="15dp"

        android:paddingBottom="10dp"

        android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

```

```

        android:text="@string/Pendah
        uluan"/>
        <ImageView

        android:id="@+id/soundIcon1
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
        <TextView

        android:id="@+id/textView2"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
            android:fontFamily="sans-
            serif-condensed"
            android:text="1.
            Pencegahan"

        android:textColor="@color/w
        hite"
            android:textSize="18dp"
            android:textStyle="bold" />
        <TextView

        android:id="@+id/textView3"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

```

```

        android:textColor="@color/w
        hite"
            android:padding="15dp"

        android:justificationMode="in
        ter_word"
            android:fontFamily="sans-
            serif-condensed"
            android:textSize="16dp"

        android:text="@string/penceg
        ahan"/>
    </LinearLayout>
    <LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
        <ImageView

        android:id="@+id/soundIcon2
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
        <TextView

        android:id="@+id/textView4"

        android:layout_width="match
        _parent"

```

```

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
        android:text="2.
        Pengendalian:"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />

<TextView

        android:id="@+id/textView5"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:textColor="@color/w
        hite"

        android:justificationMode="in
        ter_word"
        android:padding="15dp"
        android:fontFamily="sans-
        serif-condensed"
        android:textSize="16dp"

        android:text="@string/pengen
        dalian"/>

</LinearLayout>
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"

        android:gravity="center_vertic
        al">
        <ImageView

```

```

        android:id="@+id/soundIcon3
        "

        android:layout_width="100dp
        "

        android:layout_height="30dp"

        android:layout_gravity="cente
        r"

        android:src="@drawable/basel
        ine_volume_up_24"

        android:contentDescription="
        Speak"/>
<TextView

        android:id="@+id/textView6"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:fontFamily="sans-
        serif-condensed"
        android:text="3. Tips
        Pembuatan Pestisida Nabati
        dari Bahan alami:"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"
        android:textStyle="bold" />

        <TextView

        android:id="@+id/textView7"

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"

        android:fontFamily="sans-
        serif-condensed"

```

```

        android:layout_marginTop="5dp"
        android:text=" -
        Pestisida Nabati Bawang
        Merah:"

        android:textColor="@color/white"
        android:textSize="17dp"
        android:textStyle="bold"
    />

    <TextView

        android:id="@+id/textView8"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"

        android:paddingLeft="18dp"

        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:text="@string/tips1"/>
</LinearLayout>
<LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:orientation="vertical"

        android:gravity="center_vertical">
    <ImageView

        android:id="@+id/soundIcon4"

```

```

        android:layout_width="100dp"

        android:layout_height="30dp"

        android:layout_gravity="center"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="Speak"/>

    <TextView

        android:id="@+id/textView9"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
        android:fontFamily="sans-serif-condensed"

        android:layout_marginTop="5dp"
        android:text=" - Pestisida
        Nabati Daun Pepaya:"

        android:textColor="@color/white"
        android:textSize="17dp"
        android:textStyle="bold" />

    <TextView

        android:id="@+id/textView10"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"

```

```

        android:padding="15dp"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"

        android:text="@string/tips2"/
    >

    <TextView

        android:id="@+id/textView13"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:textColor="@color/white"
        android:padding="15dp"

        android:paddingLeft="18dp"

        android:justificationMode="inter_word"
        android:fontFamily="sans-serif-condensed"
        android:textSize="16dp"
        android:text="
peringatan!!!\n\npenggunaan
pestisida nabati pada budi
daya sayuran hidroponik tidak
dilakukan secara rutin, tetapi
hanya pada saat terjadi
serangan hama."/>

    </LinearLayout>
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

41. Activity_vidiomerakit_hidroponik

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

```

```

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@drawable/walpaper4"

    tools:context=".Definisi_Hidroponik">

    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"

        android:layout_width="match_parent"
        android:gravity="center"

        android:layout_height="?attr/actionBarSize"

        android:background="@color/green_600" />

    <ImageButton
        android:id="@+id/btnBack"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_marginTop="2dp"

        android:background="@color/green_600"
        android:layout_marginLeft="10dp"

        android:src="@drawable/baseline_arrow_back_ios_new_24"

        android:contentDescription="Back"/>

    <ScrollView

```

<pre> android:layout_width="match _parent" android:layout_height="match _parent" android:layout_below="@id/t oolbar"> <LinearLayout android:layout_width="match _parent" android:layout_height="wrap_ content" android:orientation="vertical" android:padding="16dp"> <FrameLayout android:layout_width="match _parent" android:layout_height="200dp " android:layout_marginBottom ="16dp" android:layout_marginTop="1 6dp"> <ImageView android:id="@+id/placeholder 1" android:layout_width="match _parent" android:layout_height="match _parent" android:scaleType="centerCro p" android:src="@drawable/awal 10" </pre>	<pre> android:contentDescription=" Video Placeholder 1" /> <ImageView android:id="@+id/playButton 1" android:layout_width="wrap_ content" android:layout_height="wrap_ content" android:layout_gravity="cente r" android:layout_marginTop="2 5dp" android:src="@drawable/basel ine_play_circle_24" android:contentDescription=" Play Video 1" android:padding="8dp"/> <VideoView android:id="@+id/videoView 1" android:layout_width="match _parent" android:layout_height="match _parent" android:visibility="gone" /> </FrameLayout> <!-- FrameLayout for Video 2 -- > <FrameLayout android:layout_width="match _parent" </pre>
--	--

```

android:layout_height="200dp
"

android:layout_marginBottom
="16dp"

android:layout_marginTop="1
6dp">

<!-- Placeholder ImageView
for Video 2 -->
<ImageView

android:id="@+id/placeholder
2"

android:layout_width="match
_parent"

android:layout_height="match
_parent"

android:scaleType="centerCro
p"

android:src="@drawable/awal
11"

android:contentDescription="
Video Placeholder 2" />

<!-- Play Button ImageView
for Video 2 -->
<ImageView

android:id="@+id/playButton
2"

android:layout_width="wrap_
content"

android:layout_height="wrap_
content"

android:layout_gravity="cente
r"

android:layout_marginTop="2
5dp"

```

```

android:src="@drawable/basel
ine_play_circle_24"

android:contentDescription="
Play Video 2"
    android:padding="8dp"/>

<!-- VideoView for Video 2 --
>
<VideoView

android:id="@+id/videoView
2"

android:layout_width="match
_parent"

android:layout_height="match
_parent"
    android:visibility="gone" />
</FrameLayout>
<FrameLayout

    android:layout_width="match
_parent"

    android:layout_height="200dp
"

    android:layout_marginBottom
="16dp"

    android:layout_marginTop="1
6dp">

<!-- Placeholder ImageView
for Video 2 -->
<ImageView

android:id="@+id/placeholder
3"

android:layout_width="match
_parent"

android:layout_height="match
_parent"

```

```

        android:scaleType="centerCrop"

        android:src="@drawable/awal12"

        android:contentDescription="Video Placeholder 2" />

        <!-- Play Button ImageView for Video 2 -->
        <ImageView

        android:id="@+id/playButton3"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center"

        android:layout_marginTop="25dp"

        android:src="@drawable/baseline_play_circle_24"

        android:contentDescription="Play Video 2"
        android:padding="8dp"/>

        <!-- VideoView for Video 2 -->
        <VideoView

        android:id="@+id/videoView3"

        android:layout_width="match_parent"

        android:layout_height="match_parent"
        android:visibility="gone" />
    </FrameLayout>

```

```

<FrameLayout

    android:layout_width="match_parent"

    android:layout_height="200dp"

    android:layout_marginBottom="16dp"

    android:layout_marginTop="16dp">

    <!-- Placeholder ImageView for Video 2 -->
    <ImageView

    android:id="@+id/placeholder4"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:scaleType="centerCrop"

    android:src="@drawable/awal13"

    android:contentDescription="Video Placeholder 2" />

    <!-- Play Button ImageView for Video 2 -->
    <ImageView

    android:id="@+id/playButton4"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

```

```

        android:layout_gravity="center"

        android:layout_marginTop="25dp"

        android:src="@drawable/baseline_play_circle_24"

        android:contentDescription="
        Play Video 2"
        android:padding="8dp"/>

<!-- VideoView for Video 2 -->
<VideoView

        android:id="@+id/videoView4"

        android:layout_width="match_parent"

        android:layout_height="match_parent"
        android:visibility="gone" />
</FrameLayout>
<FrameLayout

        android:layout_width="match_parent"

        android:layout_height="200dp"

        android:layout_marginBottom="16dp"

        android:layout_marginTop="16dp">

<!-- Placeholder ImageView for Video 2 -->
<ImageView

        android:id="@+id/placeholder5"

```

```

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:scaleType="centerCrop"

        android:src="@drawable/awal14"

        android:contentDescription="
        Video Placeholder 2" />

<!-- Play Button ImageView for Video 2 -->
<ImageView

        android:id="@+id/playButton5"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center"

        android:layout_marginTop="25dp"

        android:src="@drawable/baseline_play_circle_24"

        android:contentDescription="
        Play Video 2"
        android:padding="8dp"/>

<!-- VideoView for Video 2 -->
<VideoView

        android:id="@+id/videoView5"

```

```

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"
        android:visibility="gone" />
</FrameLayout>
<FrameLayout

        android:layout_width="match
        _parent"

        android:layout_height="200dp
        "

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp">

        <!-- Placeholder ImageView
        for Video 2 -->
        <ImageView

        android:id="@+id/placeholder
        6"

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:scaleType="centerCro
        p"

        android:src="@drawable/awal
        20"

        android:contentDescription="
        Video Placeholder 6" />

        <!-- Play Button ImageView
        for Video 2 -->
        <ImageView

        android:id="@+id/playButton
        6"

```

```

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="2
        5dp"

        android:src="@drawable/basel
        ine_play_circle_24"

        android:contentDescription="
        Play Video 6"
        android:padding="8dp"/>

        <!-- VideoView for Video 2 --
        >
        <VideoView

        android:id="@+id/videoView
        6"

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"
        android:visibility="gone" />
</FrameLayout>
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

42. Activity_vidiopenanaman_Hidroponik

```

<?xml version="1.0" encoding="utf-
8"?>
<RelativeLayout

    xmlns:android="http://schema
s.android.com/apk/res/android
    "

    xmlns:tools="http://schemas.a
ndroid.com/tools"

```

```

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:background="@color/
        teal_700"

        tools:context=".Vidiopenanam
        an_Hidroponik">
<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"

        android:layout_width="match
        _parent"
        android:gravity="center"

        android:layout_height="?attr/a
        ctionBarSize"

        android:background="@color/
        green_600" />
<ImageButton
    android:id="@+id/btnBack"
    android:layout_width="50dp"
    android:layout_height="50dp"
    android:layout_marginTop="2dp"

        android:background="@color/
        green_600"
    android:layout_marginLeft="10dp"

        android:src="@drawable/basel
        ine_arrow_back_ios_new_24"

        android:contentDescription="
        Back"/>
<ScrollView

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

```

```

        android:layout_below="@id/t
        oolbar">
<LinearLayout

        android:layout_width="match
        _parent"

        android:layout_height="wrap_
        content"
        android:orientation="vertical"
        android:padding="16dp">

<!-- FrameLayout for Video 1 --
>
<FrameLayout

        android:layout_width="match
        _parent"

        android:layout_height="200dp
        "

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp">

<!-- Placeholder ImageView
for Video 1 -->
<ImageView

        android:id="@+id/placeholder
        "

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:scaleType="centerCro
        p"

        android:src="@drawable/awal
        17"

```

```

        android:contentDescription="
        Video Placeholder 1" />

        <!-- Play Button ImageView
        for Video 1 -->
        <ImageView

        android:id="@+id/playButton
        "

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="2
        5dp"

        android:src="@drawable/basel
        ine_play_circle_24"

        android:contentDescription="
        Play Video 1"
        android:padding="8dp"/>

        <!-- VideoView for Video 1 --
        >
        <VideoView

        android:id="@+id/videoView"

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"
        android:visibility="gone" />
    </FrameLayout>

    <FrameLayout

        android:layout_width="match
        _parent"

```

```

        android:layout_height="200dp
        "

        android:layout_marginBottom
        ="16dp"

        android:layout_marginTop="1
        6dp">

        <!-- Placeholder ImageView
        for Video 1 -->
        <ImageView

        android:id="@+id/placeholder
        1"

        android:layout_width="match
        _parent"

        android:layout_height="match
        _parent"

        android:scaleType="centerCro
        p"

        android:src="@drawable/awal
        9"

        android:contentDescription="
        Video Placeholder 1" />

        <!-- Play Button ImageView
        for Video 1 -->
        <ImageView

        android:id="@+id/playButton
        1"

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"

        android:layout_gravity="cente
        r"

        android:layout_marginTop="2
        5dp"

```

```

        android:src="@drawable/baseline_play_circle_24"

        android:contentDescription="
        Play Video 1"
        android:padding="8dp"/>

<!-- VideoView for Video 1 -->
<VideoView

        android:id="@+id/videoView1"

        android:layout_width="match_parent"

        android:layout_height="match_parent"
        android:visibility="gone" />
</FrameLayout>

<!-- FrameLayout for Video 2 -->
<FrameLayout

        android:layout_width="match_parent"

        android:layout_height="200dp"

        android:layout_marginBottom="16dp"

        android:layout_marginTop="16dp">

    <!-- Placeholder ImageView for Video 2 -->
    <ImageView

        android:id="@+id/placeholder2"

        android:layout_width="match_parent"

```

```

        android:layout_height="match_parent"

        android:scaleType="centerCrop"

        android:src="@drawable/awal8"

        android:contentDescription="
        Video Placeholder 2" />

    <!-- Play Button ImageView for Video 2 -->
    <ImageView

        android:id="@+id/playButton2"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center"

        android:layout_marginTop="25dp"

        android:src="@drawable/baseline_play_circle_24"

        android:contentDescription="
        Play Video 2"
        android:padding="8dp"/>

    <!-- VideoView for Video 2 -->
    <VideoView

        android:id="@+id/videoView2"

        android:layout_width="match_parent"

```

```

        android:layout_height="match
        _parent"
        android:visibility="gone" />
</FrameLayout>
<FrameLayout

```

```

    android:layout_width="match
    _parent"

```

```

    android:layout_height="200dp
    "

```

```

    android:layout_marginBottom
    ="16dp"

```

```

    android:layout_marginTop="1
    6dp">

```

```

    <!-- Placeholder ImageView
    for Video 2 -->
    <ImageView

```

```

        android:id="@+id/placeholder
        3"

```

```

        android:layout_width="match
        _parent"

```

```

        android:layout_height="match
        _parent"

```

```

        android:scaleType="centerCro
        p"

```

```

        android:src="@drawable/awal
        16"

```

```

        android:contentDescription="
        Video Placeholder 2" />

```

```

    <!-- Play Button ImageView
    for Video 2 -->
    <ImageView

```

```

        android:id="@+id/playButton
        3"

```

```

        android:layout_width="wrap_
        content"

```

```

        android:layout_height="wrap_
        content"

```

```

        android:layout_gravity="cente
        r"

```

```

        android:layout_marginTop="2
        5dp"

```

```

        android:src="@drawable/basel
        ine_play_circle_24"

```

```

        android:contentDescription="
        Play Video 2"
        android:padding="8dp"/>

```

```

    <!-- VideoView for Video 2 --
    >

```

```

    <VideoView

```

```

        android:id="@+id/videoView
        3"

```

```

        android:layout_width="match
        _parent"

```

```

        android:layout_height="match
        _parent"
        android:visibility="gone" />

```

```

</FrameLayout>
<FrameLayout

```

```

        android:layout_width="match
        _parent"

```

```

        android:layout_height="200dp
        "

```

```

        android:layout_marginBottom
        ="16dp"

```

```

        android:layout_marginTop="1
        6dp">

```

```

    <!-- Placeholder ImageView
    for Video 2 -->
    <ImageView

```

```
android:id="@+id/placeholder
4"
```

```
android:layout_width="match
_parent"
```

```
android:layout_height="match
_parent"
```

```
android:scaleType="centerCro
p"
```

```
android:src="@drawable/awal
21"
```

```
android:contentDescription="
Video Placeholder 2" />
```

```
<!-- Play Button ImageView
for Video 2 -->
<ImageView
```

```
android:id="@+id/playButton
4"
```

```
android:layout_width="wrap_
content"
```

```
android:layout_height="wrap_
content"
```

```
android:layout_gravity="cente
r"
```

```
android:layout_marginTop="2
5dp"
```

```
android:src="@drawable/basel
ine_play_circle_24"
```

```
android:contentDescription="
Play Video 2"
    android:padding="8dp"/>
```

```
<!-- VideoView for Video 2 --
>
<VideoView
```

```
android:id="@+id/videoView
4"
```

```
android:layout_width="match
_parent"
```

```
android:layout_height="match
_parent"
    android:visibility="gone" />
```

```
</FrameLayout>
```

```
</LinearLayout>
```

```
</ScrollView>
```

```
</RelativeLayout>
```

43. Activity_pendeteksi_penyakit Hama

```
<?xml version="1.0" encoding="utf-
8"?>
```

```
<RelativeLayout
```

```
    xmlns:android="http://schema
s.android.com/apk/res/android
"
```

```
    android:layout_width="match
_parent"
```

```
    android:layout_height="match
_parent"
```

```
    android:background="@drawa
ble/walpaper4"
```

```
    android:padding="16dp">
```

```
<!-- ImageView untuk menampilkan
gambar yang diambil -->
```

```
<ImageView
```

```
    android:id="@+id/imageView"
```

```
    android:layout_width="match
_parent"
```

```
    android:layout_height="300dp"
```

```
    android:layout_alignParentTo
p="true"
```

```
    android:layout_centerHorizont
al="true"
```

```
    android:scaleType="centerCrop"
```

```

        android:background="@drawable/walpaper5" />
<Button
    android:id="@+id/backButton"
    android:layout_width="140dp"
    android:layout_height="40dp"

    android:layout_below="@id/imageView"

    android:layout_alignParentStart="true"
    android:layout_marginTop="8dp"
    android:text="Kembali" />
<Button
    android:id="@+id/picture"

    android:layout_width="wrap_content"
    android:layout_height="40dp"

    android:layout_below="@id/imageView"

    android:layout_alignParentEnd="true"
    android:layout_marginTop="8dp"
    android:text="Ambil Gambar" />
<!-- ScrollView untuk teks yang bisa digulir -->
<ScrollView

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_below="@id/picture"

    android:layout_marginTop="16dp">
<LinearLayout

    android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="16dp">
<!-- TextView untuk menampilkan hasil deteksi -->
<TextView
    android:id="@+id/classified"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"
    android:text="Hasil Deteksi"

    android:layout_gravity="center_horizontal"
    android:textSize="18sp"
    android:visibility="gone"
    android:textStyle="bold"

    android:textColor="@color/white"
    android:fontFamily="sans-serif-medium" />
<TextView
    android:id="@+id/demoTxt"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"
    android:text="Arahkan kamera pada objek"
    android:textStyle="italic"

    android:textColor="@android:color/white"
    android:textSize="14dp"

    android:layout_gravity="center_horizontal" />
<TextView
    android:id="@+id/result"

```

```

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"
        android:text="Hasil deteksi
        akan ditampilkan di sini"
        android:textSize="17sp"
        android:gravity="center"
        android:visibility="gone"

        android:layout_marginTop="1
        0dp"

        android:textColor="@color/bl
        ack"
        android:textStyle="bold"

        android:layout_gravity="cente
        r_horizontal" />
<TextView
    android:id="@+id/prevention"

    android:layout_width="wrap_
    content"

    android:layout_height="wrap_
    content"
    android:text="Informasi
    pencegahan"

    android:layout_gravity="cente
    r_horizontal"
    android:visibility="gone"

    android:justificationMode="in
    ter_word"
    android:fontFamily="sans-
    serif-medium"

    android:textColor="@color/w
    hite"

    android:layout_marginTop="1
    8dp" />
<TextView

    android:id="@+id/unknown_i
    mage_message"

```

```

        android:layout_width="wrap_
        content"

        android:layout_height="wrap_
        content"
        android:text="Arahkan
        kembali gambar yang benar
        dan
        fokuskan kamera"
        android:textSize="14sp"
        android:textStyle="italic"

        android:textColor="@android:
        color/white"

        android:layout_gravity="cente
        r_horizontal"
        android:gravity="center"

        android:layout_marginTop="1
        40dp"
        android:visibility="gone"

        android:layout_centerHorizont
        al="true" />

<!-- Tombol untuk mencari
    informasi lebih lanjut -->
<TextView
    android:id="@+id/click_here"

    android:layout_width="wrap_
    content"

    android:layout_height="wrap_
    content"
    android:text="Klik di sini
    untuk mencari lebih lanjut"

    android:textColor="@android:
    color/holo_blue_light"
    android:textStyle="italic"

    android:layout_gravity="cente
    r_horizontal"
    android:visibility="gone"

```

```

        android:layout_marginTop="16dp" />

    </LinearLayout>
</ScrollView>
</RelativeLayout>

```

44. Activity_tentang_aplikasi

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@drawable/walpaper4"

    tools:context=".Definisi_Hidroponik">

    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"

        android:layout_width="match_parent"
        android:gravity="center"

        android:layout_height="?attr/actionBarSize"

        android:background="@color/green_600" />

    <ImageButton
        android:id="@+id/btnBack"
        android:layout_width="50dp"

```

```

        android:layout_height="50dp"
        android:layout_marginTop="2dp"

        android:background="@color/green_600"
        android:layout_marginLeft="10dp"

        android:src="@drawable/baseline_arrow_back_ios_new_24"

        android:contentDescription="Back"/>

    <ImageButton
        android:id="@+id/btnSpeak"
        android:layout_width="50dp"
        android:layout_height="50dp"

        android:background="@color/green_600"
        android:layout_marginTop="2dp"

        android:layout_marginLeft="265dp"

        android:src="@drawable/baseline_volume_up_24"

        android:contentDescription="Speak"/>

    <ImageButton
        android:id="@+id/btnStop"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_marginTop="2dp"

        android:background="@color/green_600"

        android:layout_marginLeft="300dp"

        android:src="@drawable/baseline_stop_circle_24"

        android:contentDescription="Stop"/>

```

```

<androidx.core.widget.Nested
ScrollView

    android:layout_width="wrap_
content"

    android:layout_height="wrap_
content"
    android:layout_marginTop="60dp"

    tools:ignore="MissingConstrai
nts">

```

```

<LinearLayout

    android:layout_width="match
_parent"

    android:layout_height="wrap_
content"
    android:orientation="vertical"
    android:padding="20dp">

```

```

<TextView
    android:id="@+id/textView"

    android:layout_width="match
_parent"

    android:layout_height="wrap_
content"
    android:fontFamily="sans-
serif-condensed"

    android:paddingBottom="18d
p"

    android:justificationMode="in
ter_word"

    android:text="@string/tentang
_aplikasi"

    android:textColor="@color/w
hite"
    android:textSize="16dp" />

```

```

<TextView

```

```

    android:id="@+id/textView1"

    android:layout_width="match
_parent"

    android:layout_height="wrap_
content"
    android:fontFamily="sans-
serif-condensed"

    android:paddingBottom="8dp"
    android:text="Fitur Utama:"

    android:textColor="@color/w
hite"
    android:textSize="18dp"
    android:textStyle="bold" />

```

```

<TextView
    android:id="@+id/textView2"

    android:layout_width="match
_parent"

    android:layout_height="wrap_
content"

    android:textColor="@color/w
hite"

    android:paddingBottom="18d
p"

    android:justificationMode="in
ter_word"
    android:fontFamily="sans-
serif-condensed"
    android:textSize="16dp"
    android:text="@string/fitur"/>

```

```

<TextView
    android:id="@+id/textView3"

    android:layout_width="match
_parent"

    android:layout_height="wrap_
content"
    android:fontFamily="sans-
serif-condensed"

```

```

        android:text="Panduan
        Penggunaan:"
        android:textStyle="bold"

        android:textColor="@color/w
        hite"
        android:textSize="18dp"

        android:paddingBottom="8dp"
        />
<TextView
    android:id="@+id/textView4"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"

    android:justificationMode="in
    ter_word"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

    android:text="@string/pandua
    n"

    android:paddingBottom="16d
    p"/>
<TextView
    android:id="@+id/textView5"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="18dp"
    android:text="Manfaat
    Menggunakan Aplikasi
    Hidroponik:"
    android:textStyle="bold"

    android:textColor="@color/w
    hite"

    android:paddingBottom="8dp"
    />
<TextView
    android:id="@+id/textView6"

    android:layout_width="match
    _parent"

    android:layout_height="wrap_
    content"

    android:textColor="@color/w
    hite"

    android:justificationMode="in
    ter_word"
    android:fontFamily="sans-
    serif-condensed"
    android:textSize="16dp"

    android:text="@string/manfaa
    t"

    android:paddingBottom="16d
    p"/>
</LinearLayout>

</androidx.core.widget.Nested
    ScrollView>
</RelativeLayout>

```