

LAMPIRAN

AdminActivity.java

```

package com.example.psikologi;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.SearchView;
import androidx.appcompat.widget.Toolbar;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.ValueEventListener;
import java.util.ArrayList;
import java.util.List;

public class AdminActivity extends
AppCompatActivity {
    FloatingActionButton fab, fabKeluar;
    DatabaseReference databaseReference;
    ValueEventListener eventListener;
    RecyclerView recyclerView;
    List<DataClass> dataList;
    MyAdapter adapter;
    SearchView searchView;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_admin
);
        recyclerView =
findViewById(R.id.recyclerView);
        fab = findViewById(R.id.fab);
        fabKeluar =
findViewById(R.id.fabKeluar);
        searchView =
findViewById(R.id.search);
        searchView.clearFocus();

        // Setup toolbar
        Toolbar toolbar =
findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setTitle("Ad
min");
        }

        GridLayoutManager gridLayoutManager =
new GridLayoutManager(AdminActivity.this, 1);
        recyclerView.setLayoutManager(gridLayo
utManager);

        AlertDialog.Builder builder = new
AlertDialog.Builder(AdminActivity.this);
        builder.setCancelable(false);
        builder.setView(R.layout.progress_layo
ut);
        AlertDialog dialog = builder.create();
        dialog.show();

        dataList = new ArrayList<>();

        adapter = new
MyAdapter(AdminActivity.this, dataList);
        recyclerView.setAdapter(adapter);
        databaseReference =
FirebaseDatabase.getInstance().getReference("M
ateri");
        dialog.show();
        eventListener =
databaseReference.addValueEventListener(new
ValueEventListener() {
            @Override
            public void onDataChange(@NonNull
DataSnapshot snapshot) {
                dataList.clear();
                for (DataSnapshot
itemSnapshot: snapshot.getChildren()){
                    DataClass dataClass =
itemSnapshot.getValue(DataClass.class);
                    dataClass.setKey(itemSnaps
hot.getKey());
                    dataList.add(dataClass);
                }
                adapter.notifyDataSetChanged()
;
                dialog.dismiss();
            }
            @Override
            public void onCancelled(@NonNull
DatabaseError error) {
                dialog.dismiss();
            }
        });
        searchView.setOnQueryTextListener(new
SearchView.OnQueryTextListener() {
            @Override
            public boolean
onQueryTextSubmit(String query) {
                return false;
            }
            @Override
            public boolean
onQueryTextChange(String newText) {
                searchList(newText);
                return true;
            }
        });
        fab.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(AdminActivity.this,
UploadActivity.class);
                startActivity(intent);
            }
        });
        fabKeluar.setOnClickListener(v -> {
            // Buat AlertDialog
            new
androidx.appcompat.app.AlertDialog.Builder(thi
s)
                .setTitle("Konfirmasi
Keluar")
                .setMessage("Apakah Anda
yakini ingin keluar?")
                .setPositiveButton("Ya",
(dialog1, which) -> {

```

```

        // Jika pengguna
        memilih "Ya", keluar dari aplikasi
        finishAffinity();
    })
    .setNegativeButton("Tidak"
, (dialog1, which) -> {
        // Jika pengguna
        memilih "Tidak", tutup dialog
        dialog1.dismiss();
    })
    .show();
});

}
public void searchList(String text){
    ArrayList<DataClass> searchList = new
ArrayList<>();
    for (DataClass dataClass: dataList){
        if
(dataClass.getDataTitle().toLowerCase().contai
ns(text.toLowerCase())){
            searchList.add(dataClass);
        }
    }
    adapter.searchDataList(searchList);
}
}

```

DataClass.java

```
package com.example.psikologi;
```

```

public class DataClass {

    private String dataTitle;
    private String dataDesc1;
    private String dataDesc2;
    private String dataDesc3;
    private String dataDesc4;
    private String dataLang;
    private String dataImageURL1;
    private String dataImageURL2;
    private String dataImageURL3;
    private String dataImageURL4;
    private String dataVideoURL;
    private String data3DURL;
    private String dataAudioURL;
    private String key;

    // Konstruktor kosong (diperlukan oleh
    Firebase)
    public DataClass() {
    }

    // Konstruktor dengan parameter
    public DataClass(String dataTitle, String
dataDesc1, String dataDesc2, String dataDesc3,
String dataDesc4, String dataLang, String
dataImageURL1, String dataImageURL2, String
dataImageURL3, String dataImageURL4, String
dataVideoURL, String data3DURL, String
dataAudioURL) {
        this.dataTitle = dataTitle;
        this.dataDesc1 = dataDesc1;
        this.dataDesc2 = dataDesc2;
        this.dataDesc3 = dataDesc3;
        this.dataDesc4 = dataDesc4;
        this.dataLang = dataLang;
        this.dataImageURL1 = dataImageURL1;
        this.dataImageURL2 = dataImageURL2;
        this.dataImageURL3 = dataImageURL3;
        this.dataImageURL4 = dataImageURL4;
        this.dataVideoURL = dataVideoURL;
        this.data3DURL = data3DURL;
        this.dataAudioURL = dataAudioURL;
    }
}

```

```

// Getter dan Setter
public String getDataTitle() {
    return dataTitle;
}

public void setDataTitle(String dataTitle)
{
    this.dataTitle = dataTitle;
}

public String getDataDesc1() {
    return dataDesc1;
}

public void setDataDesc1(String dataDesc1)
{
    this.dataDesc1 = dataDesc1;
}

public String getDataDesc2() {
    return dataDesc2;
}

public void setDataDesc2(String dataDesc2)
{
    this.dataDesc2 = dataDesc2;
}

public String getDataDesc3() {
    return dataDesc3;
}

public void setDataDesc3(String dataDesc3)
{
    this.dataDesc3 = dataDesc3;
}

public String getDataDesc4() {
    return dataDesc4;
}

public void setDataDesc4(String dataDesc4)
{
    this.dataDesc4 = dataDesc4;
}

public String getDataLang() {
    return dataLang;
}

public void setDataLang(String dataLang) {
    this.dataLang = dataLang;
}

public String getDataImageURL1() {
    return dataImageURL1;
}

public void setDataImageURL1(String
dataImageURL1) {
    this.dataImageURL1 = dataImageURL1;
}

public String getDataImageURL2() {
    return dataImageURL2;
}

public void setDataImageURL2(String
dataImageURL2) {
    this.dataImageURL2 = dataImageURL2;
}

public String getDataImageURL3() {
    return dataImageURL3;
}

public void setDataImageURL3(String

```

```

dataImageUrl3) {
    this.dataImageUrl3 = dataImageUrl3;
}

public String getDataImageUrl4() {
    return dataImageUrl4;
}

public void setDataImageUrl4(String
dataImageUrl4) {
    this.dataImageUrl4 = dataImageUrl4;
}

public String getDataVideoURL() {
    return dataVideoURL;
}

public void setDataVideoURL(String
dataVideoURL) {
    this.dataVideoURL = dataVideoURL;
}

public String getData3DURL() {
    return data3DURL;
}

public void setData3DURL(String data3DURL)
{
    this.data3DURL = data3DURL;
}

public String getDataAudioURL() {
    return dataAudioURL;
}

public void setDataAudioURL(String
dataAudioURL) {
    this.dataAudioURL = dataAudioURL;
}

public String getKey() {
    return key;
}

public void setKey(String key) {
    this.key = key;
}
}

```

DetailActivity.java

```

package com.example.psikologi;

import
androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.speech.tts.TextToSpeech;
import android.view.MenuItem;
import android.view.View;
import android.webkit.WebView;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import android.webkit.WebChromeClient;
import android.webkit.WebSettings;
import android.webkit.WebViewClient;
import android.content.DialogInterface;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.widget.Toolbar;
import android.media.MediaPlayer;

```

```

import com.bumptech.glide.Glide;
import
com.github.clans.fab.FloatingActionButton;
import
com.google.firebase.database.DatabaseReference
;
import
com.google.firebase.database.FirebaseDatabase;

import java.util.Locale;

public class DetailActivity extends
AppCompatActivity {

    TextView detailDesc1, detailDesc2,
detailDesc3, detailDesc4, detailTitle,
detailLang;
    ImageView detailImage1, detailImage2,
detailImage3, detailImage4;
    WebView detailWebView;
    WebView detail3DView;
    FloatingActionButton deleteButton,
editButton;
    String key = "";
    TextToSpeech textToSpeech;
    Button playAllDescButton, playAudioButton;
    String imageUrl1 = "", imageUrl2 = "",
imageUrl3 = "", imageUrl4 = "";
    String videoUrl = "", audioUrl = "";
    String url3D = "";
    private boolean isSpeaking = false,
isAudioPlaying = false;
    MediaPlayer mediaPlayer;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_detai
1);

        // Setup toolbar
        Toolbar toolbar =
findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHo
meAsUpEnabled(true);
            getSupportActionBar().setDisplaySh
owHomeEnabled(true);
            getSupportActionBar().setTitle("De
tail");
        }

        // Inisialisasi Views
        detailDesc1 =
findViewById(R.id.detailDesc1);
        detailDesc2 =
findViewById(R.id.detailDesc2);
        detailDesc3 =
findViewById(R.id.detailDesc3);
        detailDesc4 =
findViewById(R.id.detailDesc4);
        detailImage1 =
findViewById(R.id.detailImage1);
        detailImage2 =
findViewById(R.id.detailImage2);
        detailImage3 =
findViewById(R.id.detailImage3);
        detailImage4 =
findViewById(R.id.detailImage4);
        detailTitle =
findViewById(R.id.detailTitle);
        deleteButton =
findViewById(R.id.deleteButton);
        editButton =

```

```

findViewById(R.id.editButton);
    detailLang =
findViewById(R.id.detailLang);
    detailWebView =
findViewById(R.id.detailWebView);
    playAllDescButton =
findViewById(R.id.playAllDescButton);
    detail3DView =
findViewById(R.id.detail3DView);
    playAudioButton =
findViewById(R.id.playAudioButton);

    // Inisialisasi Text-to-Speech
    textToSpeech = new TextToSpeech(this,
status -> {
        if (status ==
TextToSpeech.SUCCESS) {
            textToSpeech.setLanguage(Local
e.getDefault());
        }
    });

    // Mendapatkan data dari Intent
    Bundle bundle =
getIntent().getExtras();
    if (bundle != null) {
        detailDesc1.setText(bundle.getStri
ng("Description1"));
        detailDesc2.setText(bundle.getStri
ng("Description2"));
        detailDesc3.setText(bundle.getStri
ng("Description3"));
        detailDesc4.setText(bundle.getStri
ng("Description4"));
        detailTitle.setText(bundle.getStri
ng("Title"));
        detailLang.setText(bundle.getStrin
g("Language"));
        key = bundle.getString("Key");
        imageUrl1 =
bundle.getString("Image1");
        imageUrl2 =
bundle.getString("Image2");
        imageUrl3 =
bundle.getString("Image3");
        imageUrl4 =
bundle.getString("Image4");
        videoUrl =
bundle.getString("Video");
        url3D = bundle.getString("3D");
        audioUrl =
bundle.getString("Audio");

        // Menampilkan gambar dengan Glide
        Glide.with(this).load(imageUrl1).i
nto(detailImage1);
        Glide.with(this).load(imageUrl2).i
nto(detailImage2);
        Glide.with(this).load(imageUrl3).i
nto(detailImage3);
        Glide.with(this).load(imageUrl4).i
nto(detailImage4);
    }

    // Cek apakah video URL tidak kosong,
    jika tidak kosong, tampilkan video
    if (videoUrl != null &&
!videoUrl.isEmpty()) {
        // Menampilkan video dalam WebView
        menggunakan HTML untuk iframe
        String videoHtml = "<iframe
width=\"100%\" height=\"100%\" src=\"\" +
videoUrl + \"\" frameborder=\"0\"
allowfullscreen></iframe>";
        detailWebView.loadData(videoHtml,
"text/html", "utf-8");

        // Mengaktifkan JavaScript pada

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```

WebView
        WebSettings webSettings =
detailWebView.getSettings();
        webSettings.setJavaScriptEnabled(t
rue);

        // Menangani video dan interaksi
        dengan WebView
        detailWebView.setWebChromeClient(n
ew WebChromeClient());
        detailWebView.setWebViewClient(new
WebViewClient());
    } else {
        // Jika video URL kosong,
        sembunyikan WebView atau lakukan tindakan lain
        detailWebView.setVisibility(View.G
ONE);
    }

    // Cek apakah 3D URL tidak kosong,
    jika tidak kosong, tampilkan 3D
    if (url3D != null && !url3D.isEmpty())
    {

        // HTML untuk menampilkan model
        dengan iframe (embed)
        String htmlContent =
"<html><head>" +
        "<style>body { margin: 0;
padding: 0; }</style>" +
        "</head><body
style=\"margin:0;padding:0;\">" +
        "<iframe title=\"3D
Model\" frameborder=\"0\" allowfullscreen
mozallowfullscreen=\"true\"
webkitallowfullscreen=\"true\" \" +
        \"allow=\"autoplay;
fullscreen; xr-spatial-tracking\"
style=\"width: 100%; height: 100%;\" \" +
        \"src=\"\" + url3D +
        \"\"></iframe>" +
        "</body></html>";

        // Mengaktifkan JavaScript pada
        WebView
        detail3DView.getSettings().setJava
ScriptEnabled(true);
        // Memuat HTML yang telah
        disiapkan dalam WebView
        detail3DView.loadData(htmlContent,
"text/html", "UTF-8");
    } else {
        detail3DView.setVisibility(View.GO
NE);
    }

    // Tombol Hapus
    deleteButton.setOnClickListener(new
View.OnClickListener() {
        @Override
        public void onClick(View view) {
            // Membuat AlertDialog untuk
            konfirmasi
            new
            androidx.appcompat.app.AlertDialog.Builder(Det
ailActivity.this)
                .setTitle("Konfirmasi
Hapus")
                .setMessage("Apakah
Anda yakin ingin menghapus data ini?")
                .setPositiveButton("Ya
", new DialogInterface.OnClickListener() {
                    @Override
                    public void
onClick(DialogInterface dialog, int which) {
                        // Hapus data
                        hanya dari Realtime Database
                        final

```

```

DatabaseReference reference =
FirebaseDatabase.getInstance().getReference("M
ateri");
d(key).removeValue();
reference.child(key).removeValue();
Toast.makeText
(DetailActivity.this, "Data Terhapus",
Toast.LENGTH_SHORT).show();
startActivity(
new Intent(getApplicationContext(),
AdminActivity.class));
finish();
}
}
.setNegativeButton("Ti
dak", null) // Menutup dialog jika memilih
"Tidak"
.show();
}
});
// Tombol Edit
editButton.setOnClickListener(new
View.OnClickListener() {
@Override
public void onClick(View view) {
// Intent untuk berpindah ke
UpdateActivity
Intent intent = new
Intent(DetailActivity.this,
UpdateActivity.class)
.putExtra("Title",
detailTitle.getText().toString())
.putExtra("Description
1", detailDesc1.getText().toString())
.putExtra("Description
2", detailDesc2.getText().toString())
.putExtra("Description
3", detailDesc3.getText().toString())
.putExtra("Description
4", detailDesc4.getText().toString())
.putExtra("Language",
detailLang.getText().toString())
.putExtra("Image1",
imageUrl1)
.putExtra("Image2",
imageUrl2)
.putExtra("Image3",
imageUrl3)
.putExtra("Image4",
imageUrl4)
.putExtra("Video",
videoUrl)
.putExtra("3D", url3D)
.putExtra("Audio",
audioUrl)
.putExtra("Key", key);
startActivity(intent);
}
});
// Tombol untuk memainkan semua
deskripsi
playAllDescButton.setOnClickListener(v
-> {
if (isSpeaking) {
// Jika sudah sedang
berbicara, berhenti
textToSpeech.stop();
isSpeaking = false; //
Mengubah status menjadi tidak berbicara
} else {
// Jika belum berbicara, mulai
membaca
String allDescriptions =
detailDesc1.getText().toString() + " "
+
detailDesc2.getText().toString() + " "

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```

+
detailDesc3.getText().toString() + " "
+
detailDesc4.getText().toString();
speakText(allDescriptions);
isSpeaking = true; // Mengubah
status menjadi berbicara
}
});
// Menyembunyikan tombol audio jika
URL tidak tersedia
if (audioUrl == null ||
audioUrl.isEmpty()) {
playAudioButton.setVisibility(View
.GONE);
} else {
playAudioButton.setOnClickListener
(v -> {
if (isAudioPlaying) {
stopAudio();
} else {
playAudio(audioUrl);
}
});
}
// Tombol untuk memutar audio
playAudioButton.setOnClickListener(v -
> {
if (audioUrl != null &&
!audioUrl.isEmpty()) {
if (isAudioPlaying) {
stopAudio();
} else {
playAudio(audioUrl);
}
} else {
Toast.makeText(DetailActivity.
this, "Audio tidak tersedia.",
Toast.LENGTH_SHORT).show();
}
});
}
private void playAudio(String url) {
try {
if (mediaPlayer == null) {
mediaPlayer = new
MediaPlayer();
}
mediaPlayer.reset();
mediaPlayer.setDataSource(url);
mediaPlayer.prepare();
mediaPlayer.start();
isAudioPlaying = true;
playAudioButton.setText("Hentika
n Audio");
// Listener ketika audio selesai
mediaPlayer.setOnCompletionListene
r(mp -> {
isAudioPlaying = false; //
Ubah status audio
playAudioButton.setText("Put
ar Audio"); // Ubah teks tombol
});
} catch (Exception e) {
e.printStackTrace();
Toast.makeText(this, "Gagal
memutar audio.", Toast.LENGTH_SHORT).show();
}
}
private void stopAudio() {
if (mediaPlayer != null &&
mediaPlayer.isPlaying()) {

```

```

        mediaPlayer.stop();
        isAudioPlaying = false;
        playAudioButton.setText("Putar
// Audio");
    }
}

private void speakText(String text) {
    if (textToSpeech != null &&
!text.isEmpty()) {
        textToSpeech.speak(text,
TextToSpeech.QUEUE_FLUSH, null, null);
    }
}

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

// Menambahkan tombol back
@Override
public boolean
onOptionsItemSelected(MenuItem item) {
    if (item.getItemId() ==
android.R.id.home) {
        finish(); // Kembali ke activity
sebelumnya saat tombol back diklik
        return true;
    }
    return
super.onOptionsItemSelected(item);
}
}

```

FisikActivity.java

```

package com.example.psikologi;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import
androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.SearchView;
import androidx.appcompat.widget.Toolbar;
import
androidx.recyclerview.widget.GridLayoutManager;
;
import
androidx.recyclerview.widget.RecyclerView;

import android.os.Bundle;
import android.view.MenuItem;

import
com.google.android.material.floatingactionbutt
on.FloatingActionButton;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseReference;
;
import
com.google.firebase.database.FirebaseDatabase;
import
com.google.firebase.database.ValueEventListene
r;

```

```

import java.util.ArrayList;
import java.util.List;

public class FisikActivity extends
AppCompatActivity {
    FloatingActionButton fab;
    DatabaseReference databaseReference;
    ValueEventListener eventListener;
    RecyclerView recyclerView;
    List<DataClass> dataList;
    UserAdapter adapter;
    SearchView searchView;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_fisik
);

        // Setup toolbar
        Toolbar toolbar =
findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHo
meAsUpEnabled(true);
            getSupportActionBar().setDisplaySh
owHomeEnabled(true);
            getSupportActionBar().setTitle("Pe
rkembangan Fisik Remaja");
        }

        // Inisialisasi komponen UI
        recyclerView =
findViewById(R.id.recyclerView);
        searchView =
findViewById(R.id.search);
        searchView.clearFocus();

        // Set layout manager untuk
RecyclerView
        GridLayoutManager gridLayoutManager =
new GridLayoutManager(FisikActivity.this, 1);
        recyclerView.setLayoutManager(gridLayo
utManager);

        // Dialog untuk loading
        AlertDialog.Builder builder = new
AlertDialog.Builder(FisikActivity.this);
        builder.setCancelable(false);
        builder.setView(R.layout.progress_layo
ut);
        AlertDialog dialog = builder.create();
        dialog.show();

        // Daftar untuk menampung data
        dataList = new ArrayList<>();
        adapter = new
UserAdapter(FisikActivity.this, dataList);
        recyclerView.setAdapter(adapter);

        // Mengambil referensi database dari
Firebase
        databaseReference =
FirebaseDatabase.getInstance().getReference("M
ateri");

        dialog.show();
        eventListener =
databaseReference.addValueEventListener(new
ValueEventListener() {
            @Override
            public void onDataChange(@NonNull
DataSnapshot snapshot) {
                dataList.clear(); // Bersihkan
dataList sebelum mengisi ulang

```

```

        // Iterasi melalui data yang
ada di Firebase
        for (DataSnapshot itemSnapshot
: snapshot.getChildren()) {
            DataClass dataClass =
itemSnapshot.getValue(DataClass.class);

            // Memeriksa apakah lang =
"bab2"
            if (dataClass != null &&
"Bab 2".equals(dataClass.getDataLang())) {
                dataClass.setKey(itemS
napshot.getKey());
                dataList.add(dataClass
); // Menambahkan data yang sesuai ke dataList
            }
        }

        // Menyegarkan adapter setelah
data diperbarui
        adapter.notifyDataSetChanged()
;
        dialog.dismiss(); // Menutup
dialog setelah data selesai dimuat
    }

    @Override
    public void onCancelled(@NonNull
DatabaseError error) {
        dialog.dismiss(); // Menutup
dialog jika ada error
    }
});

// Menambahkan listener untuk
pencarian
searchView.setOnQueryTextListener(new
SearchView.OnQueryTextListener() {
    @Override
    public boolean
onQueryTextSubmit(String query) {
        return false;
    }

    @Override
    public boolean
onQueryTextChange(String newText) {
        searchList(newText); //
Memanggil fungsi pencarian saat teks berubah
        return true;
    }
});

// Fungsi untuk menyaring data berdasarkan
pencarian
public void searchList(String text){
    ArrayList<DataClass> searchList = new
ArrayList<>();
    for (DataClass dataClass : dataList) {
        if
(dataClass.getDataTitle().toLowerCase().contai
ns(text.toLowerCase())) {
            searchList.add(dataClass);
        }
    }
    adapter.searchDataList(searchList); //
Menyaring data berdasarkan teks pencarian
}

// Menambahkan tombol back
@Override
public boolean
onOptionsItemSelected(MenuItem item) {
    if (item.getItemId() ==
android.R.id.home) {
        finish(); // Kembali ke activity
sebelumnya saat tombol back diklik

```

```

        return true;
    }
    return
super.onOptionsItemSelected(item);
}
}

```

HelperClass.java

```

package com.example.psikologi;

public class HelperClass {

    String name, username, password;
    Boolean isAdmin;

    public HelperClass(String name, String
username, String password, Boolean isAdmin) {
        this.name = name;
        this.username = username;
        this.password = password;
        this.isAdmin = isAdmin;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getUsername() {
        return username;
    }

    public void setUsername(String username) {
        this.username = username;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    public Boolean getIsAdmin() {
        return isAdmin;
    }

    public void setIsAdmin(Boolean isAdmin) {
        this.isAdmin = isAdmin;
    }

    public HelperClass(){

    }
}

```

LoginActivity.java

```

package com.example.psikologi;

import androidx.annotation.NonNull;
import
androidx.appcompat.app.AppCompatActivity;

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

```



```

import android.widget.TextView;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseReference;
;
import
com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.Query;
import
com.google.firebase.database.ValueEventListener;
import java.util.Objects;

public class LoginActivity extends
AppCompatActivity {
    EditText loginUsername, loginPassword;
    Button loginButton;
    TextView signupRedirectText;
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login
);

        loginUsername =
findViewById(R.id.login_username);
        loginPassword =
findViewById(R.id.login_password);
        loginButton =
findViewById(R.id.login_button);
        signupRedirectText =
findViewById(R.id.signupRedirectText);

        loginButton.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                if (!validateUsername() |
!validatePassword()) {
                } else {
                    checkUser();
                }
            }
        });
        signupRedirectText.setOnClickListener(
new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(LoginActivity.this,
SignupActivity.class);
                startActivity(intent);
            }
        });
        public Boolean validateUsername() {
            String val =
loginUsername.getText().toString();
            if (val.isEmpty()) {
                loginUsername.setError("Username
Tidak Boleh Kosong");
                return false;
            } else {
                loginUsername.setError(null);
                return true;
            }
        }
        public Boolean validatePassword(){
            String val =
loginPassword.getText().toString();
            if (val.isEmpty()) {
                loginPassword.setError("Password
Tidak Boleh Kosong");
                return false;
            } else {
                loginPassword.setError(null);
                return true;
            }
        }

        public void checkUser() {
            String userUsername =
loginUsername.getText().toString().trim();
            String userPassword =
loginPassword.getText().toString().trim();
            DatabaseReference reference =
FirebaseDatabase.getInstance().getReference("U
sers");
            Query checkUserDatabase =
reference.orderByChild("username").equalTo(use
rUsername);

            checkUserDatabase.addListenerForSingle
ValueEvent(new ValueEventListener() {
                @Override
                public void onDataChange(@NonNull
DataSnapshot snapshot) {
                    if (snapshot.exists()) {
                        loginUsername.setError(nul
l);
                        for (DataSnapshot
userSnapshot : snapshot.getChildren()) {
                            String passwordFromDB
=
userSnapshot.child("password").getValue(String
.class);
                            if (passwordFromDB !=
null && passwordFromDB.equals(userPassword)) {
                                loginUsername.setE
rror(null);
                                String nameFromDB
=
userSnapshot.child("name").getValue(String.cla
ss);
                                String
usernameFromDB =
userSnapshot.child("username").getValue(String
.class);
                                Boolean isAdmin =
userSnapshot.child("isAdmin").getValue(Boolea
n.class);

                                // Pastikan
isAdmin tidak null
                                if (isAdmin !=
null) {
                                    // Cek jika
user adalah admin
                                    if (isAdmin) {
                                        // Jika
admin, arahkan ke halaman admin
                                        Intent
intent = new Intent(LoginActivity.this,
AdminActivity.class);
                                        intent.put
Extra("name", nameFromDB);
                                        intent.put
Extra("username", usernameFromDB);
                                        intent.put
Extra("password", passwordFromDB);
                                        startActiv
ity(intent);
                                    } else {
                                        // Jika
bukan admin, arahkan ke halaman utama
                                        Intent
intent = new Intent(LoginActivity.this,
MenuActivity.class);
                                        intent.put
Extra("name", nameFromDB);
                                        intent.put
Extra("username", usernameFromDB);

```

```

        intent.put
        Extra("password", passwordFromDB);
        startActiv
        ity(intent);
    }
    } else {
        // Tangani
        kasus jika isAdmin null
        loginUsername.
        setError("Invalid user data");
        loginUsername.
        requestFocus();
    }
    } else {
        loginPassword.setE
        rror("Invalid Credentials");
        loginPassword.requ
        estFocus();
    }
    } else {
        loginUsername.setError("Us
        er does not exist");
        loginUsername.requestFocus
        ();
    }
}

@Override
public void onCancelled(@NonNull
DatabaseError error) {
    // Tangani error jika ada
    masalah dengan Firebase
    loginUsername.setError("Databa
    se error");
    loginUsername.requestFocus();
}
});
}
}

```

MainActivity.java

```

package com.example.psikologi;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.SearchView;
import androidx.appcompat.widget.Toolbar;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import android.content.Intent;
import android.os.Bundle;
import android.view.MenuItem;
import android.view.View;
import com.google.android.material.floatingactionbutt
on.FloatingActionButton;
import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.ValueEventListene
r;
import java.util.ArrayList;

```

```

import java.util.List;

public class MainActivity extends
AppCompatActivity {
    FloatingActionButton fab;
    DatabaseReference databaseReference;
    ValueEventListener eventListener;
    RecyclerView recyclerView;
    List<DataClass> dataList;
    UserAdapter adapter;
    SearchView searchView;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main)
        ;

        // Setup toolbar
        Toolbar toolbar =
        findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHo
            meAsUpEnabled(true);
            getSupportActionBar().setDisplaySh
            owHomeEnabled(true);
            getSupportActionBar().setTitle("De
            finisi Remaja");
        }

        // Inisialisasi komponen UI
        recyclerView =
        findViewById(R.id.recyclerView);
        searchView =
        findViewById(R.id.search);
        searchView.clearFocus();

        // Set layout manager untuk
        RecyclerView
        GridLayoutManager gridLayoutManager =
        new GridLayoutManager(MainActivity.this, 1);
        recyclerView.setLayoutManager(gridLayo
        utManager);

        // Dialog untuk loading
        AlertDialog.Builder builder = new
        AlertDialog.Builder(MainActivity.this);
        builder.setCancelable(false);
        builder.setView(R.layout.progress_layo
        ut);
        AlertDialog dialog = builder.create();
        dialog.show();

        // Daftar untuk menampung data
        dataList = new ArrayList<>();
        adapter = new
        UserAdapter(MainActivity.this, dataList);
        recyclerView.setAdapter(adapter);

        // Mengambil referensi database dari
        Firebase
        databaseReference =
        FirebaseDatabase.getInstance().getReference("M
        ateri");

        dialog.show();
        eventListener =
        databaseReference.addValueEventListener(new
        ValueEventListener() {
            @Override
            public void onDataChange(@NonNull
            DataSnapshot snapshot) {
                dataList.clear(); // Bersihkan
                dataList sebelum mengisi ulang

                // Iterasi melalui data yang

```

```

ada di Firebase
        for (DataSnapshot itemSnapshot
: snapshot.getChildren()) {
            DataClass dataClass =
itemSnapshot.getValue(DataClass.class);

            // Memeriksa apakah lang =
"bab1"
            if (dataClass != null &&
"Bab 1".equals(dataClass.getDataLang())) {
                dataClass.setKey(items
napshot.getKey());
                dataList.add(dataClass
); // Menambahkan data yang sesuai ke dataList
            }

            // Menyegarkan adapter setelah
data diperbarui
            adapter.notifyDataSetChanged()
;
            dialog.dismiss(); // Menutup
dialog setelah data selesai dimuat
        }

        @Override
        public void onCancelled(@NonNull
DatabaseError error) {
            dialog.dismiss(); // Menutup
dialog jika ada error
        }
    });

    // Menambahkan listener untuk
pencarian
    searchView.setOnQueryTextListener(new
SearchView.OnQueryTextListener() {
        @Override
        public boolean
onQueryTextSubmit(String query) {
            return false;
        }

        @Override
        public boolean
onQueryTextChange(String newText) {
            searchList(newText); //
Memanggil fungsi pencarian saat teks berubah
            return true;
        }
    });

    // Fungsi untuk menyaring data berdasarkan
pencarian
    public void searchList(String text){
        ArrayList<DataClass> searchList = new
ArrayList<>();
        for (DataClass dataClass : dataList) {
            if
(dataClass.getDataTitle().toLowerCase().contai
ns(text.toLowerCase())) {
                searchList.add(dataClass);
            }
        }
        adapter.searchDataList(searchList); //
Menyaring data berdasarkan teks pencarian
    }

    // Menambahkan tombol back
    @Override
    public boolean
onOptionsItemSelected(MenuItem item) {
        if (item.getItemId() ==
android.R.id.home) {
            finish(); // Kembali ke activity
sebelumnya saat tombol back diklik
            return true;

```

```

        }
        return
super.onOptionsItemSelected(item);
    }
}

```

MenuActivity.java

```

package com.example.psikologi;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.Toast;

import androidx.activity.EdgeToEdge;
import androidx.annotation.NonNull;
import
androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

import
com.google.android.material.floatingactionbutt
on.FloatingActionButton;

public class MenuActivity extends
AppCompatActivity {
    ImageView imageDefinisi, imageFisik,
imagePerkembangan, imagePerilaku;
    FloatingActionButton fab, fabKeluar;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_menu)
;

        imageDefinisi =
findViewById(R.id.definisiImage);
        imageFisik =
findViewById(R.id.fisikImage);
        imagePerkembangan =
findViewById(R.id.kembangImage);
        imagePerilaku =
findViewById(R.id.perilakuImage);
        fab = findViewById(R.id.fab);
        fabKeluar =
findViewById(R.id.fabKeluar);

        imageDefinisi.setOnClickListener(view
-> {
            Intent intent = new Intent(this,
MainActivity.class);
            intent.putExtra("Materi", "Bab
1");
            startActivity(intent);
        });

        imageFisik.setOnClickListener(view ->
{
            Intent intent = new Intent(this,
FisikActivity.class);
            intent.putExtra("Materi", "Bab
2");
            startActivity(intent);
        });
    }
}

```

```

        imagePerkembangan.setOnClickListener(v
iew -> {
            Intent intent = new Intent(this,
PerkembanganActivity.class);
            intent.putExtra("Materi", "Bab
3");
            startActivity(intent);
        });

        imagePerilaku.setOnClickListener(view
-> {
            Intent intent = new Intent(this,
PerilakuActivity.class);
            intent.putExtra("Materi", "Bab
4");
            startActivity(intent);
        });

        fab.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(MenuActivity.this,
LoginActivity.class);
                startActivity(intent);
            }
        });

        fabKeluar.setOnClickListener(v -> {
            // Buat AlertDialog
            new
androidx.appcompat.app.AlertDialog.Builder(thi
s)
                .setTitle("Konfirmasi
Keluar")
                .setMessage("Apakah Anda
yakin ingin keluar?")
                .setPositiveButton("Ya",
(dialog1, which) -> {
                    // Jika pengguna
                    // memilih "Ya", keluar dari aplikasi
                    finishAffinity();
                })
                .setNegativeButton("Tidak"
, (dialog1, which) -> {
                    // Jika pengguna
                    // memilih "Tidak", tutup dialog
                    dialog1.dismiss();
                })
                .show();
        });
    }
}

```

MyAdapter.java

```

package com.example.psikologi;

import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
import com.bumptech.glide.Glide;
import java.util.ArrayList;
import java.util.List;
import androidx.annotation.NonNull;
import androidx.cardview.widget.CardView;
import androidx.recyclerview.widget.RecyclerView;

```

```

public class MyAdapter extends
RecyclerView.Adapter<MyViewHolder> {
    private Context context;
    private List<DataClass> dataList;
    public MyAdapter(Context context,
List<DataClass> dataList) {
        this.context = context;
        this.dataList = dataList;
    }
    @NonNull
    @Override
    public MyViewHolder
onCreateViewHolder(@NonNull ViewGroup parent,
int viewType) {
        View view =
LayoutInflater.from(parent.getContext()).infla
te(R.layout.recycler_item, parent, false);
        return new MyViewHolder(view);
    }
    @Override
    public void onBindViewHolder(@NonNull
MyViewHolder holder, int position) {
        holder.recTitle.setText(dataList.get(p
osition).getDataTitle());
        holder.reclang.setText(dataList.get(po
sition).getDataLang());
        holder.recCard.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(context, DetailActivity.class);
                intent.putExtra("Image1",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl1());
                intent.putExtra("Image2",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl2());
                intent.putExtra("Image3",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl3());
                intent.putExtra("Image4",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl4());
                intent.putExtra("Description1"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc1());
                intent.putExtra("Description2"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc2());
                intent.putExtra("Description3"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc3());
                intent.putExtra("Description4"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc4());
                intent.putExtra("Title",
dataList.get(holder.getAdapterPosition()).getD
ataTitle());
                intent.putExtra("Key", dataList
.get(holder.getAdapterPosition()).getKey());
                intent.putExtra("Language",
dataList.get(holder.getAdapterPosition()).getD
ataLang());
                intent.putExtra("Video",
dataList.get(holder.getAdapterPosition()).getD
ataVideoURL());
                intent.putExtra("3D",
dataList.get(holder.getAdapterPosition()).getD
ata3DURL());
                intent.putExtra("Audio",
dataList.get(holder.getAdapterPosition()).getD
ataAudioURL());
                context.startActivity(intent);
            }
        });
    }
}

```

```

        }
    });
}
@Override
public int getItemCount() {
    return dataList.size();
}
public void
searchDataList(ArrayList<DataClass>
searchList){
    dataList = searchList;
    notifyDataSetChanged();
}
}
class MyViewHolder extends
RecyclerView.ViewHolder{
    TextView recTitle, recLang;
    CardView recCard;
    public MyViewHolder(@NonNull View
itemView) {
        super(itemView);
        recCard =
itemView.findViewById(R.id.recCard);
        recLang =
itemView.findViewById(R.id.recPriority);
        recTitle =
itemView.findViewById(R.id.recTitle);
    }
}

```

PerilakuActivity.java

```

package com.example.psikologi;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.SearchView;
import androidx.appcompat.widget.Toolbar;
import
import androidx.recyclerview.widget.GridLayoutManager;
;
import
import androidx.recyclerview.widget.RecyclerView;

import android.os.Bundle;
import android.view.MenuItem;

import
import com.google.android.material.floatingactionbutt
on.FloatingActionButton;
import
import com.google.firebase.database.DataSnapshot;
import
import com.google.firebase.database.DatabaseError;
import
import com.google.firebase.database.DatabaseReference;
;
import
import com.google.firebase.database.FirebaseDatabase;
import
import com.google.firebase.database.ValueEventListene
r;
import java.util.ArrayList;
import java.util.List;

public class PerilakuActivity extends
AppCompatActivity {
    FloatingActionButton fab;
    DatabaseReference databaseReference;
    ValueEventListener eventListener;
    RecyclerView recyclerView;
    List<DataClass> dataList;
    UserAdapter adapter;
    SearchView searchView;

```

```

        @Override
        protected void onCreate(Bundle
savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.activity_peril
aku);

            // Setup toolbar
            Toolbar toolbar =
findViewById(R.id.toolbar);
            setSupportActionBar(toolbar);
            if (getSupportActionBar() != null) {
                getSupportActionBar().setDisplayHo
meAsUpEnabled(true);
                getSupportActionBar().setDisplaySh
owHomeEnabled(true);
                getSupportActionBar().setTitle("Pe
rilaku Menyimpang Pada Remaja");
            }

            // Inisialisasi komponen UI
            recyclerView =
findViewById(R.id.recyclerView);
            searchView =
findViewById(R.id.search);
            searchView.clearFocus();

            // Set layout manager untuk
RecyclerView
            GridLayoutManager gridLayoutManager =
new GridLayoutManager(PerilakuActivity.this,
1);
            recyclerView.setLayoutManager(gridLayo
utManager);

            // Dialog untuk loading
            AlertDialog.Builder builder = new
AlertDialog.Builder(PerilakuActivity.this);
            builder.setCancelable(false);
            builder.setView(R.layout.progress_layo
ut);
            AlertDialog dialog = builder.create();
            dialog.show();

            // Daftar untuk menampung data
            dataList = new ArrayList<>();
            adapter = new
UserAdapter(PerilakuActivity.this, dataList);
            recyclerView.setAdapter(adapter);

            // Mengambil referensi database dari
Firebase
            databaseReference =
FirebaseDatabase.getInstance().getReference("M
ateri");

            dialog.show();
            eventListener =
databaseReference.addValueEventListener(new
ValueEventListener() {
                @Override
                public void onDataChange(@NonNull
DataSnapshot snapshot) {
                    dataList.clear(); // Bersihkan
dataList sebelum mengisi ulang

                    // Iterasi melalui data yang
ada di Firebase
                    for (DataSnapshot itemSnapshot
: snapshot.getChildren()) {
                        DataClass dataClass =
itemSnapshot.getValue(DataClass.class);

                        // Memeriksa apakah lang =
"bab1"
                        if (dataClass != null &&
"Bab 4".equals(dataClass.getDataLang())) {

```

```

        dataClass.setKey(itemSnapshot.getKey());
        dataList.add(dataClass); // Menambahkan data yang sesuai ke dataList
    }

    // Menyegarkan adapter setelah data diperbarui
    adapter.notifyDataSetChanged();
;
    dialog.dismiss(); // Menutup dialog setelah data selesai dimuat
}

@Override
public void onCancelled(@NonNull DatabaseError error) {
    dialog.dismiss(); // Menutup dialog jika ada error
}
});

// Menambahkan listener untuk pencarian
searchView.setOnQueryTextListener(new
SearchView.OnQueryTextListener() {
    @Override
    public boolean
onQueryTextSubmit(String query) {
        return false;
    }

    @Override
    public boolean
onQueryTextChange(String newText) {
        searchList(newText); // Memanggil fungsi pencarian saat teks berubah
        return true;
    }
});

// Fungsi untuk menyaring data berdasarkan pencarian
public void searchList(String text){
    ArrayList<DataClass> searchList = new
ArrayList<>();
    for (DataClass dataClass : dataList) {
        if
(dataClass.getDataTitle().toLowerCase().contains(text.toLowerCase())) {
            searchList.add(dataClass);
        }
    }
    adapter.searchDataList(searchList); // Menyaring data berdasarkan teks pencarian
}

// Menambahkan tombol back
@Override
public boolean
onOptionsItemSelected() {
    if (item.getItemId() ==
android.R.id.home) {
        finish(); // Kembali ke activity sebelumnya saat tombol back diklik
        return true;
    }
    return
super.onOptionsItemSelected(item);
}
}

```

PerkembanganActivity.java

```

package com.example.psikologi;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import
androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.SearchView;
import androidx.appcompat.widget.Toolbar;
import
androidx.recyclerview.widget.GridLayoutManager;
import
androidx.recyclerview.widget.RecyclerView;

import android.annotation.SuppressLint;
import android.os.Bundle;
import android.view.MenuItem;

import
com.google.android.material.floatingactionbutton.FloatingActionButton;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseReference;
import
com.google.firebase.database.FirebaseDatabase;
import
com.google.firebase.database.ValueEventListener;
import java.util.ArrayList;
import java.util.List;

public class PerkembanganActivity extends
AppCompatActivity {
    FloatingActionButton fab;
    DatabaseReference databaseReference;
    ValueEventListener eventListener;
    RecyclerView recyclerView;
    List<DataClass> dataList;
    UserAdapter adapter;
    SearchView searchView;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_perkembangan);

        // Setup toolbar
        Toolbar toolbar =
findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHomeAsUpEnabled(true);
            getSupportActionBar().setDisplayShowHomeEnabled(true);
            getSupportActionBar().setTitle("Perkembangan Psikologis Remaja");
        }

        // Inisialisasi komponen UI
        recyclerView =
findViewById(R.id.recyclerView);
        searchView =
findViewById(R.id.search);
        searchView.clearFocus();

        // Set layout manager untuk
RecyclerView
        GridLayoutManager gridLayoutManager =
new

```

```

LayoutManager(PerkembanganActivity.this,
1);
recyclerView.setLayoutManager(gridLayo
utManager);

// Dialog untuk loading
AlertDialog.Builder builder = new
AlertDialog.Builder(PerkembanganActivity.this)
;
builder.setCancelable(false);
builder.setView(R.layout.progress_layo
ut);
AlertDialog dialog = builder.create();
dialog.show();

// Daftar untuk menampung data
dataList = new ArrayList<>();
adapter = new
UserAdapter(PerkembanganActivity.this,
dataList);
recyclerView.setAdapter(adapter);

// Mengambil referensi database dari
Firebase
databaseReference =
FirebaseDatabase.getInstance().getReference("M
ateri");

dialog.show();
eventListener =
databaseReference.addValueEventListener(new
ValueEventListener() {
@Override
public void onDataChange(@NonNull
DataSnapshot snapshot) {
dataList.clear(); // Bersihkan
dataList sebelum mengisi ulang

// Iterasi melalui data yang
ada di Firebase
for (DataSnapshot itemSnapshot
: snapshot.getChildren()) {
DataClass dataClass =
itemSnapshot.getValue(DataClass.class);

// Memeriksa apakah lang =
"bab1"
if (dataClass != null &&
"Bab 3".equals(dataClass.getDataLang())) {
dataClass.setKey(itemS
napshot.getKey());
dataList.add(dataClass
); // Menambahkan data yang sesuai ke dataList
}
}

// Menyegarkan adapter setelah
data diperbarui
adapter.notifyDataSetChanged()
;
dialog.dismiss(); // Menutup
dialog setelah data selesai dimuat
}

@Override
public void onCancelled(@NonNull
DatabaseError error) {
dialog.dismiss(); // Menutup
dialog jika ada error
}
});

// Menambahkan listener untuk
pencarian
searchView.setOnQueryTextListener(new
SearchView.OnQueryTextListener() {
@Override
public boolean

```

```

onQueryTextSubmit(String query) {
return false;
}

@Override
public boolean
onQueryTextChange(String newText) {
searchList(newText); //
Memanggil fungsi pencarian saat teks berubah
return true;
}
});

// Fungsi untuk menyaring data berdasarkan
pencarian
public void searchList(String text){
ArrayList<DataClass> searchList = new
ArrayList<>();
for (DataClass dataClass : dataList) {
if
(dataClass.getDataTitle().toLowerCase().contai
ns(text.toLowerCase())) {
searchList.add(dataClass);
}
}
adapter.searchDataList(searchList); //
Menyaring data berdasarkan teks pencarian
}

// Menambahkan tombol back
@Override
public boolean
onOptionsItemSelected(MenuItem item) {
if (item.getItemId() ==
android.R.id.home) {
finish(); // Kembali ke activity
sebelumnya saat tombol back diklik
return true;
}
return
super.onOptionsItemSelected(item);
}
}

```

SigUpActivity.java

```

package com.example.psikologi;

import
androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;
import
com.google.firebase.database.DatabaseReference
;
import
com.google.firebase.database.FirebaseDatabase;

public class SignupActivity extends
AppCompatActivity {
EditText signupName, signupUsername,
signupPassword;
TextView loginRedirectText;
Button signupButton;
FirebaseDatabase database;
DatabaseReference reference;

@Override
protected void onCreate(Bundle
savedInstanceState) {

```

```

        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_signu
p);

        signupName =
findViewById(R.id.signup_name);
        signupUsername =
findViewById(R.id.signup_username);
        signupPassword =
findViewById(R.id.signup_password);
        loginRedirectText =
findViewById(R.id.loginRedirectText);
        signupButton =
findViewById(R.id.signup_button);

        signupButton.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                // Validasi jika ada field
yang kosong
                if (validateInput()) {
                    // Jika semua input valid,
lanjutkan proses signup
                    database =
FirebaseDatabase.getInstance();
                    reference =
database.getReference("Users");

                    String name =
signupName.getText().toString();
                    String username =
signupUsername.getText().toString();
                    String password =
signupPassword.getText().toString();

                    HelperClass helperClass =
new HelperClass(name, username, password,
false);
                    reference.child(username).
setValue(helperClass);
                    Toast.makeText(SignupActiv
ity.this, "Pendaftaran Berhasil",
Toast.LENGTH_SHORT).show();

                    Intent intent = new
Intent(SignupActivity.this,
LoginActivity.class);
                    startActivity(intent);
                }
            }
        });

        loginRedirectText.setOnClickListener(n
ew View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(SignupActivity.this,
LoginActivity.class);
                startActivity(intent);
            }
        });

        // Metode untuk memeriksa apakah semua
field sudah terisi
        private boolean validateInput() {
            if
(signupName.getText().toString().isEmpty()) {
                signupName.setError("Nama Tidak
Boleh Kosong");
                return false;
            }
            if
(signupUsername.getText().toString().isEmpty())
        } {
                signupUsername.setError("Username

```

```

Tidak Boleh Kosong");
                return false;
            }
            if
(signupPassword.getText().toString().isEmpty())
        } {
                signupPassword.setError("Password
Tidak Boleh Kosong");
                return false;
            }
            return true; // Jika semua field
terisi
        }
    }
}

```

SplashActivity.java

```

package com.example.psikologi;

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

import
androidx.appcompat.app.AppCompatActivity;

public class SplashActivity extends
AppCompatActivity {

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_splas
h);

        // Durasi splash screen (misalnya 3
detik)
        int splashTime = 3000;

        new Handler().postDelayed(() -> {
            // Pindah ke MainActivity
            Intent intent = new
Intent(SplashActivity.this,
MenuActivity.class);
            startActivity(intent);
            finish();
        }, splashTime);
    }
}

```

UpdateActivity.java

```

package com.example.psikologi;

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

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.util.Patterns;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.AdapterView;
import android.widget.Spinner;
import android.widget.Toast;

import
com.google.android.gms.tasks.OnCompleteListener;
r;

```



```

import
com.google.android.gms.tasks.OnFailureListener
;
import com.google.android.gms.tasks.Task;
import
com.google.firebase.database.DatabaseReference
;
import
com.google.firebase.database.FirebaseDatabase;

public class UpdateActivity extends
AppCompatActivity {

    Button updateButton;
    EditText updateTitle, updateDesc1,
updateDesc2, updateDesc3, updateDesc4,
updateImageUrl1, updateImageUrl2,
updateImageUrl3, updateImageUrl4,
updateVideoUrl, update3DUrl, updateAudioUrl;
    String title, desc1, desc2, desc3, desc4,
lang, imageUrl1, imageUrl2, imageUrl3,
imageUrl4, videoUrl, url3D, audioUrl;
    String key;
    Spinner updateLang;
    DatabaseReference databaseReference;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_updat
e);

        // Setup toolbar
        Toolbar toolbar =
findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHo
meAsUpEnabled(true);
            getSupportActionBar().setDisplaySh
owHomeEnabled(true);
            getSupportActionBar().setTitle("Ub
ah Data");
        }

        // Inisialisasi EditText dan Button
        updateButton =
findViewById(R.id.updateButton);
        updateDesc1 =
findViewById(R.id.updateDesc1);
        updateDesc2 =
findViewById(R.id.updateDesc2);
        updateDesc3 =
findViewById(R.id.updateDesc3);
        updateDesc4 =
findViewById(R.id.updateDesc4);
        updateLang =
findViewById(R.id.updateLang);
        updateTitle =
findViewById(R.id.updateTitle);
        updateImageUrl1 =
findViewById(R.id.updateImageUrl1);
        updateImageUrl2 =
findViewById(R.id.updateImageUrl2);
        updateImageUrl3 =
findViewById(R.id.updateImageUrl3);
        updateImageUrl4 =
findViewById(R.id.updateImageUrl4);
        updateVideoUrl =
findViewById(R.id.updateVideoUrl);
        update3DUrl =
findViewById(R.id.update3DUrl);
        updateAudioUrl =
findViewById(R.id.updateAudioUrl);

        // Membuat ArrayAdapter untuk Spinner

```

```

        ArrayAdapter<CharSequence> adapter =
        ArrayAdapter.createFromResource(this,
            R.array.bab,
            android.R.layout.simple_spinner_item);
        adapter.setDropDownViewResource(androi
d.R.layout.simple_spinner_dropdown_item);
        updateLang.setAdapter(adapter);

        // Mendapatkan data dari intent
        Bundle bundle =
        getIntent().getExtras();
        if (bundle != null) {
            updateTitle.setText(bundle.getStri
ng("Title"));
            updateDesc1.setText(bundle.getStri
ng("Description1"));
            updateDesc2.setText(bundle.getStri
ng("Description2"));
            updateDesc3.setText(bundle.getStri
ng("Description3"));
            updateDesc4.setText(bundle.getStri
ng("Description4"));
            updateImageUrl1.setText(bundle.get
String("Image1"));
            updateImageUrl2.setText(bundle.get
String("Image2"));
            updateImageUrl3.setText(bundle.get
String("Image3"));
            updateImageUrl4.setText(bundle.get
String("Image4"));
            updateVideoUrl.setText(bundle.getS
tring("Video"));
            update3DUrl.setText(bundle.getStri
ng("3D"));
            updateAudioUrl.setText(bundle.getS
tring("Audio"));
            key = bundle.getString("Key");

            String language =
            bundle.getString("Language");
            if (language != null) {
                int spinnerPosition =
                adapter.getPosition(language);
                updateLang.setSelection(spinne
rPosition);
            }
        }

        // Referensi database
        databaseReference =
        FirebaseDatabase.getInstance().getRefer
ence("Materi").child(key);

        // Tombol Update
        updateButton.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View view) {
                saveData();
                Intent intent = new
                Intent(UpdateActivity.this,
                AdminActivity.class);
                startActivity(intent);
            }
        });

        public void saveData() {
            // Mengambil input dari user
            title =
            updateTitle.getText().toString().trim();
            desc1 =
            updateDesc1.getText().toString().trim();
            desc2 =
            updateDesc2.getText().toString().trim();
            desc3 =
            updateDesc3.getText().toString().trim();
            desc4 =

```

```

updateDesc4.getText().toString().trim();
    lang =
updateLang.getSelectedItem().toString().trim()
;
    imageUrl1 =
updateImageUrl1.getText().toString().trim();
    imageUrl2 =
updateImageUrl2.getText().toString().trim();
    imageUrl3 =
updateImageUrl3.getText().toString().trim();
    imageUrl4 =
updateImageUrl4.getText().toString().trim();
    videoUrl =
updateVideoUrl1.getText().toString().trim();
    url3D =
update3DUrl1.getText().toString().trim();
    audioUrl =
updateAudioUrl1.getText().toString().trim();

    // Validasi input
    if (title.isEmpty() || desc1.isEmpty()
|| desc2.isEmpty() || desc3.isEmpty() ||
desc4.isEmpty() || lang.isEmpty() ||
imageUrl1.isEmpty() ||
imageUrl2.isEmpty() || imageUrl3.isEmpty() ||
imageUrl4.isEmpty()) {
        Toast.makeText(UpdateActivity.this
, "Harap Isi Semua Kolom",
Toast.LENGTH_SHORT).show();
        return;
    }

    if
(!Patterns.WEB_URL.matcher(imageUrl1).matches()
) ||
!Patterns.WEB_URL.matcher(imageUrl2).matches()
||
!Patterns.WEB_URL.matcher(imageUrl3).matches() ||
!Patterns.WEB_URL.matcher(imageUrl4).matches()
) {
        Toast.makeText(UpdateActivity.this
, "Invalid image URL",
Toast.LENGTH_SHORT).show();
        return;
    }

    // if
(!Patterns.WEB_URL.matcher(videoUrl).matches()
|| !videoUrl.contains("youtube.com")) {
    // Toast.makeText(UpdateActivity.th
is, "Invalid YouTube URL",
Toast.LENGTH_SHORT).show();
    // return;
    // }

    // Membuat objek data dengan deskripsi
dan gambar yang terpisah
    DataClass dataClass = new
DataClass(title, desc1, desc2, desc3, desc4,
lang, imageUrl1, imageUrl2, imageUrl3,
imageUrl4, videoUrl, url3D, audioUrl);

    // Update data ke Realtime Database
    databaseReference.setValue(dataClass).
addOnCompleteListener(new
OnCompleteListener<Void>() {
        @Override
        public void onComplete(@NonNull
Task<Void> task) {
            if (task.isSuccessful()) {
                Toast.makeText(UpdateActiv
ity.this, "Data Sukses Di Ubah",
Toast.LENGTH_SHORT).show();
                finish();
            }
        }
    }).addOnFailureListener(new

```

```

OnFailureListener() {
        @Override
        public void onFailure(@NonNull
Exception e) {
            Toast.makeText(UpdateActivity.
this, e.getMessage(),
Toast.LENGTH_SHORT).show();
        }
    });

    // Menambahkan tombol back
    @Override
    public boolean
onOptionsItemSelected(MenuItem item) {
        if (item.getItemId() ==
android.R.id.home) {
            finish(); // Kembali ke activity
sebelumnya saat tombol back diklik
            return true;
        }
        return
super.onOptionsItemSelected(item);
    }
}

```

UploadActivity.java

```

package com.example.psikologi;

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

import android.annotation.SuppressLint;
import android.os.Bundle;
import android.util.Patterns;
import android.view.MenuItem;
import android.widget.ArrayAdapter;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import android.widget.Spinner;

import
com.google.android.gms.tasks.OnCompleteListener;
import
com.google.android.gms.tasks.OnFailureListener;
import
com.google.android.gms.tasks.Task;
import
com.google.firebase.database.FirebaseDatabase;

public class UploadActivity extends
AppCompatActivity {

    Button saveButton;
    EditText uploadTopic, uploadDesc1,
uploadDesc2, uploadDesc3, uploadDesc4,
uploadImageUrl1, uploadImageUrl2,
uploadImageUrl3, uploadImageUrl4,
uploadVideoUrl, upload3DUrl, uploadAudioUrl;
    Spinner uploadLang;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_uploa
d);

        // Setup toolbar

```

```

        Toolbar toolbar =
        findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHomeAsUpEnabled(true);
            getSupportActionBar().setDisplayHomeAsUpEnabled(true);
            getSupportActionBar().setTitle("Tambah Data");
        }

        // Inisialisasi EditText dan Button
        uploadDesc1 =
        findViewById(R.id.uploadDesc1);
        uploadDesc2 =
        findViewById(R.id.uploadDesc2);
        uploadDesc3 =
        findViewById(R.id.uploadDesc3);
        uploadDesc4 =
        findViewById(R.id.uploadDesc4);
        uploadTopic =
        findViewById(R.id.uploadTopic);
        uploadLang =
        findViewById(R.id.uploadLang);
        saveButton =
        findViewById(R.id.saveButton);
        uploadImageUrl1 =
        findViewById(R.id.uploadImageUrl1);
        uploadImageUrl2 =
        findViewById(R.id.uploadImageUrl2);
        uploadImageUrl3 =
        findViewById(R.id.uploadImageUrl3);
        uploadImageUrl4 =
        findViewById(R.id.uploadImageUrl4);
        uploadVideoUrl =
        findViewById(R.id.uploadVideoUrl);
        upload3DUrl =
        findViewById(R.id.upload3DUrl);
        uploadAudioUrl =
        findViewById(R.id.uploadAudioUrl);

        // Membuat ArrayAdapter untuk Spinner
        ArrayAdapter<CharSequence> adapter =
        ArrayAdapter.createFromResource(this,
            R.array.bab,
            android.R.layout.simple_spinner_item);
        adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        uploadLang.setAdapter(adapter);

        // Menyimpan data ketika tombol
        disalin
        saveButton.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View view) {
                saveData();
            }
        });

        public void saveData() {
            String title =
            uploadTopic.getText().toString().trim();
            String desc1 =
            uploadDesc1.getText().toString().trim();
            String desc2 =
            uploadDesc2.getText().toString().trim();
            String desc3 =
            uploadDesc3.getText().toString().trim();
            String desc4 =
            uploadDesc4.getText().toString().trim();
            String lang =
            uploadLang.getSelectedItem().toString().trim();
            ;
            String imageUrl1 =
            uploadImageUrl1.getText().toString().trim();

```

```

            String imageUrl2 =
            uploadImageUrl2.getText().toString().trim();
            String imageUrl3 =
            uploadImageUrl3.getText().toString().trim();
            String imageUrl4 =
            uploadImageUrl4.getText().toString().trim();
            String videoURL =
            uploadVideoUrl.getText().toString().trim();
            String URL3D =
            upload3DUrl.getText().toString().trim();
            String audioURL =
            uploadAudioUrl.getText().toString().trim();

            // Validasi input
            if (title.isEmpty() || desc1.isEmpty()
            || desc2.isEmpty() || desc3.isEmpty() ||
            desc4.isEmpty() || lang.isEmpty() ||
            imageUrl1.isEmpty() ||
            imageUrl2.isEmpty() || imageUrl3.isEmpty() ||
            imageUrl4.isEmpty()) {
                Toast.makeText(UploadActivity.this
                , "Harap Isi Semua Kolom",
                Toast.LENGTH_SHORT).show();
                return;
            }

            if
            (!Patterns.WEB_URL.matcher(imageURL1).matches()
            ) ||
            !Patterns.WEB_URL.matcher(imageURL2).matches()
            ||
            !Patterns.WEB_URL.matcher(imageURL3).matches() ||
            !Patterns.WEB_URL.matcher(imageURL4).matches()
            ) {
                Toast.makeText(UploadActivity.this
                , "Invalid image URL",
                Toast.LENGTH_SHORT).show();
                return;
            }

            // if
            (!Patterns.WEB_URL.matcher(videoURL).matches()
            || !videoURL.contains("youtube.com")) {
                // Toast.makeText(UploadActivity.this
                is, "Invalid YouTube URL",
                Toast.LENGTH_SHORT).show();
                // return;
                // }

            // Membuat objek DataClass dengan
            deskripsi dan URL gambar yang terpisah
            DataClass dataClass = new
            DataClass(title, desc1, desc2, desc3, desc4,
            lang, imageUrl1, imageUrl2, imageUrl3,
            imageUrl4, videoURL, URL3D, audioURL);

            // Menyimpan data ke Firebase dengan
            key berdasarkan judul
            FirebaseDatabase.getInstance().getReference("Materi").child(title)
            .setValue(dataClass)
            .addOnCompleteListener(new
            OnCompleteListener<Void>() {
                @Override
                public void
                onComplete(@NonNull Task<Void> task) {
                    if
                    (task.isSuccessful()) {
                        Toast.makeText(UploadActivity.this, "Data Sukses Tersimpan",
                        Toast.LENGTH_SHORT).show();
                        finish(); //
                        Menutup activity setelah data tersimpan
                    } else {
                        Toast.makeText(UploadActivity.this, "Data Gagal Tersimpan",
                        Toast.LENGTH_SHORT).show();

```

```

    }
    })
    .addOnFailureListener(new
OnFailureListener() {
        @Override
        public void
onFailure(@NonNull Exception e) {
            Toast.makeText(UploadA
ctivity.this, "Error: " + e.getMessage(),
Toast.LENGTH_SHORT).show();
        }
    });

    // Menambahkan tombol back
    @Override
    public boolean
onOptionsItemSelected(MenuItem item) {
        if (item.getItemId() ==
android.R.id.home) {
            finish(); // Kembali ke activity
sebelumnya saat tombol back diklik
            return true;
        }
        return
super.onOptionsItemSelected(item);
    }
}

```

UserAdapter.java

```

package com.example.psikologi;

import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
import com.bumptech.glide.Glide;
import java.util.ArrayList;
import java.util.List;
import androidx.annotation.NonNull;
import androidx.cardview.widget.CardView;
import androidx.recyclerview.widget.RecyclerView;

public class UserAdapter extends
RecyclerView.Adapter<MyViewHolderUser> {
    private Context context;
    private List<DataClass> dataList;
    public UserAdapter(Context context,
List<DataClass> dataList) {
        this.context = context;
        this.dataList = dataList;
    }
    @NonNull
    @Override
    public MyViewHolderUser
onCreateViewHolder(@NonNull ViewGroup parent,
int viewType) {
        View view =
LayoutInflater.from(parent.getContext()).infla
te(R.layout.recycler_item, parent, false);
        return new MyViewHolderUser(view);
    }
    @Override
    public void onBindViewHolder(@NonNull
MyViewHolderUser holder, int position) {
        holder.recTitle.setText(dataList.get(p
osition).getDataTitle());
        holder.recLang.setText(dataList.get(po
sition).getDataLang());
        holder.recCard.setOnClickListener(new

```

```

View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(context, UserDetailsActivity.class);
                intent.putExtra("Image1",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl1());
                intent.putExtra("Image2",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl2());
                intent.putExtra("Image3",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl3());
                intent.putExtra("Image4",
dataList.get(holder.getAdapterPosition()).getD
ataImageUrl4());
                intent.putExtra("Description1"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc1());
                intent.putExtra("Description2"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc2());
                intent.putExtra("Description3"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc3());
                intent.putExtra("Description4"
,
dataList.get(holder.getAdapterPosition()).getD
ataDesc4());
                intent.putExtra("Title",
dataList.get(holder.getAdapterPosition()).getD
ataTitle());
                intent.putExtra("Key", dataList
.get(holder.getAdapterPosition()).getKey());
                intent.putExtra("Language",
dataList.get(holder.getAdapterPosition()).getD
ataLang());
                intent.putExtra("Video",
dataList.get(holder.getAdapterPosition()).getD
ataVideoURL());
                intent.putExtra("3D",
dataList.get(holder.getAdapterPosition()).getD
ata3DURL());
                intent.putExtra("Audio",
dataList.get(holder.getAdapterPosition()).getD
ataAudioURL());
                context.startActivity(intent);
            }
        });
    }
    @Override
    public int getItemCount() {
        return dataList.size();
    }
    public void
searchDataList(ArrayList<DataClass>
searchList){
        dataList = searchList;
        notifyDataSetChanged();
    }
}

class MyViewHolderUser extends
RecyclerView.ViewHolder{
    TextView recTitle, recLang;
    CardView recCard;
    public MyViewHolderUser(@NonNull View
itemView) {
        super(itemView);
        recCard =
itemView.findViewById(R.id.recCard);
        recLang =
itemView.findViewById(R.id.recPriority);
        recTitle =
itemView.findViewById(R.id.recTitle);

```

```
    }
}
```

UserDetailActivity.java

```
package com.example.psikologi;

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

import android.annotation.SuppressLint;
import android.os.Bundle;
import android.speech.tts.TextToSpeech;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.webkit.WebChromeClient;
import android.webkit.WebSettings;
import android.webkit.WebView;
import android.webkit.WebViewClient;
import android.media.MediaPlayer;
import android.widget.Toast;

import com.bumptech.glide.Glide;

import java.util.Locale;

public class UserDetailActivity extends
AppCompatActivity {

    TextView detailDesc1, detailDesc2,
    detailDesc3, detailDesc4, detailTitle,
    detailLang;
    ImageView detailImage1, detailImage2,
    detailImage3, detailImage4;
    Button playAllDescButton, playAudioButton;
    String imageUrl1 = "", imageUrl2 = "",
    imageUrl3 = "", imageUrl4 = "";
    TextToSpeech textToSpeech;
    MediaPlayer mediaPlayer;
    WebView detailWebView;
    WebView detail3DView;
    String videoUrl = "", audioUrl = "";
    String url3D = "";
    private boolean isSpeaking = false,
    isAudioPlaying = false;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_user_
detail);

        // Setup toolbar
        Toolbar toolbar =
findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        if (getSupportActionBar() != null) {
            getSupportActionBar().setDisplayHo
meAsUpEnabled(true);
            getSupportActionBar().setDisplaySh
owHomeEnabled(true);
            getSupportActionBar().setTitle("Ma
teri");
        }

        // Inisialisasi Views
        detailDesc1 =
findViewById(R.id.detailDesc1);
        detailDesc2 =
findViewById(R.id.detailDesc2);
```

```
        detailDesc3 =
findViewById(R.id.detailDesc3);
        detailDesc4 =
findViewById(R.id.detailDesc4);
        detailImage1 =
findViewById(R.id.detailImage1);
        detailImage2 =
findViewById(R.id.detailImage2);
        detailImage3 =
findViewById(R.id.detailImage3);
        detailImage4 =
findViewById(R.id.detailImage4);
        detailTitle =
findViewById(R.id.detailTitle);
        detailLang =
findViewById(R.id.detailLang);
        detailWebView =
findViewById(R.id.detailWebView);
        playAllDescButton =
findViewById(R.id.playAllDescButton);
        detail3DView =
findViewById(R.id.detail3DView);
        playAudioButton =
findViewById(R.id.playAudioButton);

        // Inisialisasi Text-to-Speech
        textToSpeech = new TextToSpeech(this,
status -> {
            if (status ==
TextToSpeech.SUCCESS) {
                textToSpeech.setLanguage(Local
e.getDefault());
            }
        });

        // Mendapatkan data dari Intent
        Bundle bundle =
getIntent().getExtras();
        if (bundle != null) {
            detailDesc1.setText(bundle.getStri
ng("Description1"));
            detailDesc2.setText(bundle.getStri
ng("Description2"));
            detailDesc3.setText(bundle.getStri
ng("Description3"));
            detailDesc4.setText(bundle.getStri
ng("Description4"));
            detailTitle.setText(bundle.getStri
ng("Title"));
            detailLang.setText(bundle.getStrin
g("Language"));
            imageUrl1 =
bundle.getString("Image1");
            imageUrl2 =
bundle.getString("Image2");
            imageUrl3 =
bundle.getString("Image3");
            imageUrl4 =
bundle.getString("Image4");
            videoUrl =
bundle.getString("Video");
            url3D = bundle.getString("3D");
            audioUrl =
bundle.getString("Audio");

            // Menampilkan gambar dengan Glide
            Glide.with(this).load(imageUrl1).i
nto(detailImage1);
            Glide.with(this).load(imageUrl2).i
nto(detailImage2);
            Glide.with(this).load(imageUrl3).i
nto(detailImage3);
            Glide.with(this).load(imageUrl4).i
nto(detailImage4);
        }

        // Cek apakah video URL tidak kosong,
        jika tidak kosong, tampilkan video
```

```

        if (videoUrl != null &&
!videoUrl.isEmpty()) {
            // Menampilkan video dalam WebView
            menggunakan HTML untuk iframe
            String videoHtml = "<iframe
width=\"100%\" height=\"100%\" src=\"" +
videoUrl + "\" frameborder=\"0\"
allowfullscreen></iframe>";
            detailWebView.loadData(videoHtml,
"text/html", "utf-8");

            // Mengaktifkan JavaScript pada
WebView
            WebSettings webSettings =
detailWebView.getSettings();
            webSettings.setJavaScriptEnabled(t
rue);

            // Menangani video dan interaksi
            dengan WebView
            detailWebView.setWebChromeClient(n
ew WebChromeClient());
            detailWebView.setWebViewClient(new
WebViewClient());
        } else {
            // Jika video URL kosong,
            sembunyikan WebView atau lakukan tindakan lain
            detailWebView.setVisibility(View.G
ONE);
        }

        // Cek apakah 3D URL tidak kosong,
        jika tidak kosong, tampilkan 3D
        if (url3D != null && !url3D.isEmpty())
        {

            // HTML untuk menampilkan model
            dengan iframe (embed)
            String htmlContent =
            "<html><head>" +
            "padding: 0; }</style>" +
            "</head><body
            style=\"margin:0;padding:0;\">" +
            "<iframe title=\"3D
            Model\" frameborder=\"0\" allowfullscreen
            mozallowfullscreen=\"true\"
            webkitallowfullscreen=\"true\" " +
            "allow=\"autoplay;
            fullscreen; xr-spatial-tracking\"
            style=\"width: 100%; height: 100%;\" " +
            "src=\"" + url3D +
            "\"></iframe>" +
            "</body></html>";

            // Mengaktifkan JavaScript pada
            WebView
            detail3DView.getSettings().setJava
ScriptEnabled(true);
            // Memuat HTML yang telah
            disiapkan dalam WebView
            detail3DView.loadData(htmlContent,
"text/html", "UTF-8");
        } else {
            detail3DView.setVisibility(View.GO
NE);
        }

        // Tombol untuk memainkan semua
        deskripsi
        playAllDescButton.setOnClickListener(v
-> {
            if (isSpeaking) {
                // Jika sudah sedang
                berbicara, berhenti
                textToSpeech.stop();
                isSpeaking = false; //
                Mengubah status menjadi tidak berbicara

```

```

        } else {
            // Jika belum berbicara, mulai
            membaca
            String allDescriptions =
            detailDesc1.getText().toString() + " "
            +
            detailDesc2.getText().toString() + " "
            +
            detailDesc3.getText().toString() + " "
            +
            detailDesc4.getText().toString();
            speakText(allDescriptions);
            isSpeaking = true; // Mengubah
            status menjadi berbicara
        }
    });

    // Menyembunyikan tombol audio jika
    URL tidak tersedia
    if (audioUrl == null ||
    audioUrl.isEmpty()) {
        playAudioButton.setVisibility(View
.GONE);
    } else {
        playAudioButton.setOnClickListener
(v -> {
            if (isAudioPlaying) {
                stopAudio();
            } else {
                playAudio(audioUrl);
            }
        });
    }

    // Tombol untuk memutar audio
    playAudioButton.setOnClickListener(v -
> {
        if (audioUrl != null &&
!audioUrl.isEmpty()) {
            if (isAudioPlaying) {
                stopAudio();
            } else {
                playAudio(audioUrl);
            }
        } else {
            Toast.makeText(UserDetailActiv
ity.this, "Audio tidak tersedia.",
            Toast.LENGTH_SHORT).show();
        }
    });

    private void playAudio(String url) {
        try {
            if (mediaPlayer == null) {
                mediaPlayer = new
                MediaPlayer();
            }
            mediaPlayer.reset();
            mediaPlayer.setDataSource(url);
            mediaPlayer.prepare();
            mediaPlayer.start();
            isAudioPlaying = true;
            playAudioButton.setText("Hentika
n Audio");

            // Listener ketika audio selesai
            mediaPlayer.setOnCompletionListene
r(mp -> {
                isAudioPlaying = false; //
                Ubah status audio
                // playAudioButton.setText("Put
                ar Audio"); // Ubah teks tombol
            });

        } catch (Exception e) {
            e.printStackTrace();
            Toast.makeText(this, "Gagal

```

```

memutar audio.", Toast.LENGTH_SHORT).show();
    }

    private void stopAudio() {
        if (mediaPlayer != null &&
mediaPlayer.isPlaying()) {
            mediaPlayer.stop();
            isAudioPlaying = false;
            playAudioButton.setText("Putar
// Audio");
        }

        private void speakText(String text) {
            if (textToSpeech != null &&
!text.isEmpty()) {
                textToSpeech.speak(text,
TextToSpeech.QUEUE_FLUSH, null, null);
            }
        }

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

        // Menambahkan tombol back
        @Override
        public boolean
onOptionsItemSelected(MenuItem item) {
            if (item.getItemId() ==
android.R.id.home) {
                finish(); // Kembali ke activity
sebelumnya saat tombol back diklik
                return true;
            }
            return
super.onOptionsItemSelected(item);
        }
    }
}

```



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

PROPOSAL

Mahasiswa : ANDI NURFADILLA ZAHRENY	Pembimbing I : Marlina, S.Kom., M.Kom.
NIM : 220280163	Pembimbing II : Wahyuddin, S.Kom., M.Kom.
Judul Skripsi : SISTEM INFORMASI PENYULUHAN KESEHATAN MENTAL PADA REMAJA BERBASIS WEB	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1 - Perbaiki Daftar Isi (spasi 2) - Perbaiki Daftar pustaka. (Urut berdasarkan Abjad)		Konsultasi 1 - Kata asung dihapuskan	
Konsultasi 2 - Perbaiki Kerangka pikir - Tambahkan Desain Sistem		Konsultasi 2 - Tambahkan Kuesioner Kesehatan Mental	
Konsultasi 3 - Buat desain sistem yg berguna menggunakan Use Case / Flowchart		Konsultasi 3 - Kerangka pikir - Desain sistem	
Konsultasi 4 Acc Ujian Proposal		Konsultasi 4 Acc	
Konsultasi 5		Konsultasi 5	

Lanjut ke halaman sebelah...

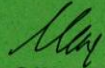
Perhatian :

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4. Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak timbal balik

Lanjutan ...

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 6		Konsultasi 6	
Konsultasi 7		Konsultasi 7	
Konsultasi 8		Konsultasi 8	
Konsultasi 9		Konsultasi 9	
Konsultasi 10		Konsultasi 10	

Mengetahui
Ketua Program Studi


Marlina, S.Kom., M.Kom.
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Parepare, 10 Mei 2024

Mahasiswa

ANDI NURFADILLA ZAHRENY
NIM. 220280163

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HASIL

Mahasiswa : ANDI NURFADILLA ZAHRENY	Pembimbing I : Marlina, S.Kom., M.Kom.
NIM : 220280163	Pembimbing II : Wahyuddin, S.Kom., M.Kom.
Judul Skripsi : APLIKASI EDUKASI PERKEMBANGAN PSIKOLOGI REMAJA BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1		Konsultasi 1 - Perbaiki Aplikasi - Tambahkan 3D	
Konsultasi 2		Konsultasi 2 - Data asus dimodifikasi - Tabel usecase	
Konsultasi 3		Konsultasi 3 - kel. gambar	
Konsultasi 4		Konsultasi 4 ACC	
Konsultasi 5 ACC usian Hani		Konsultasi 5 ACC usian Hani	

Lanjut ke halaman sebelah...

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Lanjutan ...

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING II
Konsultasi 6		Konsultasi 6	
Konsultasi 7		Konsultasi 7	
Konsultasi 8		Konsultasi 8	
Konsultasi 9		Konsultasi 9	
Konsultasi 10		Konsultasi 10	

Mengetahui
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Parepare, 14 Januari 2025

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