

LAMPIRAN

DOKUMENTASI PENGUJIAN APLIKASI



Gambar 1. Pengujian aplikasi di PAUD Widya Handayani



Gambar 2. Pengujian aplikasi di PAUD Terpadu Al-Madinah

```

package
easy.tuto.belajarenglish;

import
android.content.DialogInterface
;
import android.content.Intent;
import android.os.Bundle;
import
android.support.v7.app.AlertDia
log;
import
android.support.v7.app.AppCompa
tActivity;
import android.view.View;
import android.widget.Button;

public class BelajarActivity
extends AppCompatActivity {
    @Override
    protected void
onCreate(Bundle
savedInstanceState) {

super.onCreate(savedInstanceSta
te);

setContentView(R.layout.activit
y_belajar);

        Button btnKosaKata =
findViewById(R.id.btnKosaKata);
        Button btnVideo =
findViewById(R.id.btnVideo);
        Button btnGambar =
findViewById(R.id.btnGambar);

btnKosaKata.setOnClickListener(
new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
        Intent intent =
new
Intent(BelajarActivity.this,
tampilankosakata.class);

startActivity(intent);

    }
});

btnVideo.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void
onClick(View v) {
        Intent intent =
new
Intent(BelajarActivity.this,
belajargambar.class);

startActivity(intent);
    }
});

\
package
easy.tuto.belajarenglish;

import android.content.Intent;
import android.os.Bundle;
import
android.support.v7.app.AppCompa
tActivity;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import
android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

public class belajargambar
extends AppCompatActivity {
    private ImageView
imageView;
    private TextView
questionTextView;
    private Button
option1Button;
    private Button
option2Button;
    private Button
option3Button;

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        private Button option4Button;
        private Button restartButton;
        private Button homeButton;

        private int[] images = {
            R.drawable.alpokat,
            R.drawable.jeruk,
            R.drawable.manggis,
            R.drawable.pepaya,
            R.drawable.semangka,
            R.drawable.durian,
            R.drawable.blueberry,
            R.drawable.timun,
            R.drawable.apple
        };

        private String[] questions
= {
            "Pertanyaan 1: Apa nama buah ini?",
            "Pertanyaan 2: Apa nama buah ini?",
            "Pertanyaan 3: Apa nama buah ini?",
            "Pertanyaan 4: Apa nama buah ini?",
            "Pertanyaan 5: Apa nama buah ini?",
            "Pertanyaan 6: Apa nama buah ini?",
            "Pertanyaan 7: Apa nama buah ini?",
            "Pertanyaan 8: Apa nama buah ini?"
        };

        private String[][] options
= {
            {"AVOCADO", "ORANGE", "CROCODILE"},
            {"AVOCADO", "ORANGE", "COCONUT", "BIRD"},
            {"MANGOSTEEN", "COCONUT", "YELLOW", "WATERMELON"},
            {"PAPAYA", "COCONUT", "BLUE", "RED"},
            {"WATERMELON", "COCONUT", "AVOCADO", "ORANGE"},
            {"DURIAN",
"COCONUT", "YELLOW", "WATERMELON"},
            {"CUCUMBER", "PAPAYA", "BLUEBERRY", "DURIAN", "CUCUMBER", "APPLE"}
        };

        private String[] correctAnswers = {
            "AVOCADO", "ORANGE", "PAPAYA", "DURIAN", "CUCUMBER", "APPLE"
        };

        private int currentQuestionIndex = 0;
        private int score = 0;

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

            imageView = findViewById(R.id.imageView);
            questionTextView = findViewById(R.id.questionTextView);
            option1Button = findViewById(R.id.option1button);
            option2Button = findViewById(R.id.option2button);
            option3Button = findViewById(R.id.option3button);
            option4Button = findViewById(R.id.option4button);
            restartButton = findViewById(R.id.restartButton);
            homeButton = findViewById(R.id.homeButton);

```

```

loadQuestion(currentQuestionIndex);

option1Button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
    checkAnswer(option1Button.getText().toString());
    }
});

option2Button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
    checkAnswer(option2Button.getText().toString());
    }
});

option3Button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
    checkAnswer(option3Button.getText().toString());
    }
});

option4Button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
    checkAnswer(option4Button.getText().toString());
    }
});

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

homeButton.setOnClickListener(new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
        Intent intent =
new Intent(belajargambar.this,
halamanawal.class);

        startActivity(intent);
        finish();
    }
});

private void
loadQuestion(int index) {
    imageView.setImageResource(images[index]);

    questionTextView.setText(questions[index]);

    option1Button.setText(options[index][0]);

    option2Button.setText(options[index][1]);

    option3Button.setText(options[index][2]);

    option4Button.setText(options[index][3]);

    private void
checkAnswer(String
selectedAnswer) {
        if
(selectedAnswer.equals(correctAnswers[currentQuestionIndex]))
        {
            score++;

            Toast.makeText(this, "Jawaban
benar!",
Toast.LENGTH_SHORT).show();
        } else {

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```

Toast.makeText(this, "Jawaban
salah!",
Toast.LENGTH_SHORT).show();
    }

    if
(currentQuestionIndex <
questions.length - 1) {

currentQuestionIndex++;

loadQuestion(currentQuestionInd
ex);
        } else {
            showFinalResult();
        }
    }

    private void
showFinalResult() {
        String resultMessage =
"Kuis selesai! Skor akhir Anda:
" + score + "/" +
questions.length;
        Toast.makeText(this,
resultMessage,
Toast.LENGTH_LONG).show();

        Log.d("Final Result",
"Skor akhir: " + score);

restartButton.setVisibility(Vie
w.VISIBLE);

homeButton.setVisibility(View.V
ISIBLE);
    }

    private void restartQuiz()
{
        currentQuestionIndex =
0;
        score = 0;

loadQuestion(currentQuestionInd
ex);

restartButton.setVisibility(Vie
w.GONE);

homeButton.setVisibility(View.G
ONE);
    }
}

package
easy.tuto.belajarenglish;

import android.net.Uri;
import android.os.Bundle;
import
android.support.v7.app.AppCompa
tActivity;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;
import
android.widget.VideoView;
import android.widget.Toast;

public class belajarvideo
extends AppCompatActivity {
    private VideoView
videoView;
    private TextView
questionTextView;
    private Button
option1Button;
    private Button
option2Button;
    private Button
option3Button;
    private Button
option4Button;

    private String[] questions
= {
        "Pertanyaan 1: what
fruit is that?",
        "Pertanyaan 2: what
fruit is that?",
        "Pertanyaan 3: what
fruit is that?",
        "Pertanyaan 4: what
fruit is that?",
        "Pertanyaan 5: what
fruit is that?"
    };

    private String[][] options
= {
        {"banana",
"puding", "manggo",
"pineapple"},
        {"banana",
"puding", "manggo",
"pineapple"},
        {"banana",
"puding", "manggo",

```

```

        "pineapple"},
        {"banana",
        "puding", "manggo",
        "pineapple"},
        {"banana",
        "puding", "manggo",
        "pineapple"}
    };

    private String[]
    correctAnswers = {
        "banana",
        "pineapple", "manggo",
        "banana", "manggo"
    };

    private int[]
    videoResources = {
        R.raw.pisang,
        R.raw.pineapple,
        R.raw.manggo,
        R.raw.pisang,
        R.raw.manggo
    };

    private int
    currentQuestionIndex = 0;
    private int score = 0;

    @Override
    protected void
    onCreate(Bundle
    savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.belajar
        videonya);

        videoView =
        findViewById(R.id.videoView);
        questionTextView =
        findViewById(R.id.questionTextV
        iew);
        option1Button =
        findViewById(R.id.option1button
        );
        option2Button =
        findViewById(R.id.option2button
        );
        option3Button =
        findViewById(R.id.option3button
        );
        option4Button =
        findViewById(R.id.option4button
        );
    };

    loadQuestion(currentQuestionInd
    ex);

    option1Button.setOnClickListener(new View.OnClickListener() {
        @Override
        public void
        onClick(View v) {
            checkAnswer(option1Button.getTe
            xt().toString());
        }
    });

    option2Button.setOnClickListener(new View.OnClickListener() {
        @Override
        public void
        onClick(View v) {
            checkAnswer(option2Button.getTe
            xt().toString());
        }
    });

    option3Button.setOnClickListener(new View.OnClickListener() {
        @Override
        public void
        onClick(View v) {
            checkAnswer(option3Button.getTe
            xt().toString());
        }
    });

    option4Button.setOnClickListener(new View.OnClickListener() {
        @Override
        public void
        onClick(View v) {
            checkAnswer(option4Button.getTe
            xt().toString());
        }
    });

    private void

```

```

loadQuestion(int index) {
    }

questionTextView.setText(questions[index]);

option1Button.setText(options[index][0]);

option2Button.setText(options[index][1]);

option3Button.setText(options[index][2]);

option4Button.setText(options[index][3]);

    String videoPath = "android.resource://" +
    getPackageName() + "/" +
    videoResources[index];
    Uri uri = Uri.parse(videoPath);
    videoView.setVideoURI(uri);
    videoView.start();
}

private void
checkAnswer(String
selectedAnswer) {
    if
(selectedAnswer.equals(correctAnswers[currentQuestionIndex]))
{
        score++;

        Toast.makeText(this, "Jawaban
benar!",
        Toast.LENGTH_SHORT).show();
    } else {

        Toast.makeText(this, "Jawaban
salah!",
        Toast.LENGTH_SHORT).show();
    }

    currentQuestionIndex++;
    if
(currentQuestionIndex <
questions.length) {

loadQuestion(currentQuestionIndex);
    } else {
        showFinalResult();
    }
}

private void
showFinalResult() {
    String resultMessage =
    "Kuis selesai! Skor akhir Anda:
    " + score + "/" +
    questions.length;
    Toast.makeText(this,
    resultMessage,
    Toast.LENGTH_LONG).show();

    // Intent intent = new
    Intent(this,
    ResultActivity.class);
    //
    intent.putExtra("score",
    score);
    //
    intent.putExtra("totalQuestions
    ", questions.length);
    //
    startActivity(intent);
    // finish();
}

package
easy.tuto.belajarenglish;

import
android.content.DialogInterface
;
import android.content.Intent;
import
android.media.MediaPlayer;
import android.os.Bundle;
import
android.support.v7.app.AlertDialog;
import
android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;

public class halamanawal
extends AppCompatActivity {
    private MediaPlayer
    mediaPlayer;

    @Override
    protected void
    onCreate(Bundle

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savedInstanceState) {
    }
});

super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main);

// Initialize MediaPlayer object and load audio file
MediaPlayer mediaPlayer = MediaPlayer.create(this, R.raw.audioawal);
mediaPlayer.start(); // Start playing audio

Button buttonBelajar = findViewById(R.id.button_belajar);
Button buttonTentang = findViewById(R.id.button_tentang);
Button buttonKeluar = findViewById(R.id.button_keluar);

buttonBelajar.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        // Tambahkan aksi untuk tombol Belajar
        // Misalnya, membuka Activity baru
        Intent intent = new Intent(halamanawal.this, BelajarActivity.class);
        startActivity(intent);
    }
});

buttonTentang.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(halamanawal.this, TentangActivity.class);
        startActivity(intent);
    }
});

buttonKeluar.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        // Tambahkan aksi untuk tombol Keluar
        // Misalnya, menutup aplikasi
        new AlertDialog.Builder(halamanawal.this)
            .setTitle("Keluar")
            .setMessage("Apakah Anda yakin ingin keluar?")
            .setPositiveButton("Ya", new DialogInterface.OnClickListener() {
                @Override
                public void onClick(DialogInterface dialog, int which) {
                    finishAffinity(); // Keluar dari aplikasi
                }
            })
            .setNegativeButton("Tidak", null)
            .show();
    }
});

@Override
protected void onPause() {
    super.onPause();
    // Stop and release MediaPlayer resources when activity is paused
    if (mediaPlayer != null) {
        mediaPlayer.stop();
    }
    mediaPlayer.release();
}

```

```

        mediaPlayer = null;
    }
}

@Override
protected void onDestroy()
{
    super.onDestroy();
    // Release MediaPlayer
    resources when activity is
    destroyed
    if (mediaPlayer !=
    null) {
        mediaPlayer.release();
        mediaPlayer = null;
    }
}

package
easy.tuto.belajarenglish;

import
android.media.MediaPlayer;
import android.os.Bundle;
import
android.support.v7.app.AppCompa
tActivity;
import android.view.View;
import android.widget.Toast;

public class kosakatakedua
extends AppCompatActivity {
    MediaPlayer mediaPlayer;

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

        setContentView(R.layout.kosakat
        akeduanya);

        // MediaPlayer
        diinisialisasi nanti di
        playAudio
    }

    // Metode untuk memutar
    audio
    public void playAudio(View
    view) {
        int audioResourceId =
        0;

        // Mendapatkan ID
        sumber daya audio berdasarkan
        teks yang diklik
        switch (view.getId()) {
            case
            R.id.textviewdoctor:
                audioResourceId
                = R.raw.doctor_audio;
                break;
            case
            R.id.textViewteacher:
                audioResourceId
                = R.raw.teacher_audio;
                break;
            case
            R.id.textViewpolice:
                audioResourceId
                = R.raw.police_audio;
                break;
            case
            R.id.textViewfarmer:
                audioResourceId
                = R.raw.farmer_audio;
                break;
            case
            R.id.textViewpilot:
                audioResourceId
                = R.raw.pilot_audio;
                break;
            case
            R.id.textViewrice:
                audioResourceId
                = R.raw.rice_audio;
                break;
            case
            R.id.textViewbread:
                audioResourceId
                = R.raw.bread_audio;
                break;
            case
            R.id.textVieweight:
                audioResourceId
                = R.raw.eight_audio;
                break;
            case
            R.id.textViewmilk:
                audioResourceId
                = R.raw.milk_audio;
                break;
            case
            R.id.textViewegg:
                audioResourceId
                = R.raw.egg_audio;

```

```

        break;
    case
    R.id.textViewhamburger:
        audioResourceId
    = R.raw.hamburger_audio;
        break;
    case
    R.id.textViewyellow:
        audioResourceId
    = R.raw.yellow_audio;
        break;
    case
    R.id.textViewpizza:
        audioResourceId
    = R.raw.pizza_audio;
        break;
    case
    R.id.textViewicecream:
        audioResourceId
    = R.raw.ice_cream_audio;
        break;
    case
    R.id.textViewspaghetti:
        audioResourceId
    = R.raw.spaghetti_audio;
        break;
    case
    R.id.textViewcircle:
        audioResourceId
    = R.raw.circle_audio;
        break;
    case
    R.id.textViewsquare:
        audioResourceId
    = R.raw.square_audio;
        break;
    case
    R.id.textViewrectangle:
        audioResourceId
    = R.raw.rectangle_audio;
        break;
    case
    R.id.textViewhot:
        audioResourceId
    = R.raw.hot_audio;
        break;
    case
    R.id.textViewcold:
        audioResourceId
    = R.raw.cold_audio;
        break;
    case
    R.id.textViewrainy:
        audioResourceId
    = R.raw.rainy_audio;
        break;

        case
    R.id.textViewsunny:
        audioResourceId
    = R.raw.sunny_audio;
        break;
    case
    R.id.textViewcloudy:
        audioResourceId
    = R.raw.cloudy_audio;
        break;
    case
    R.id.textViewairplane:
        audioResourceId
    = R.raw.airplane_audio;
        break;
    case
    R.id.textViewviolin:
        audioResourceId
    = R.raw.violin_audio;
        break;
    case
    R.id.textViewpiano:
        audioResourceId
    = R.raw.piano_audio;
        break;
    case
    R.id.textViewharmonica:
        audioResourceId
    = R.raw.harmonica_audio;
        break;
    }

    // Memainkan audio jika
    sumber daya audio valid
    if (audioResourceId !=
    0) {
        if (mediaPlayer !=
        null) {
            mediaPlayer.release();
        }
        mediaPlayer
        =
        MediaPlayer.create(this,
        audioResourceId);
        if (mediaPlayer !=
        null) {
            mediaPlayer.start();
        } else {
            Toast.makeText(this, "Error
            playing audio",
            Toast.LENGTH_SHORT).show();
        }
    }
}

```

```

        @Override
        protected void onDestroy()
        {
            super.onDestroy();
            // Pastikan untuk
            melepaskan sumber daya
            MediaPlayer saat Activity
            dihancurkan
            if (mediaPlayer !=
            null) {

            mediaPlayer.release();
            mediaPlayer = null;
            }
        }
    }

package
easy.tuto.belajarenglish;

import
android.media.MediaPlayer;
import android.os.Bundle;
import
android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Toast;

public class kosakatapertama
extends AppCompatActivity {
    MediaPlayer mediaPlayer;

    @Override
    protected void
    onCreate(Bundle
    savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.kosakat
        apertamanya);

        // MediaPlayer
        diinisialisasi nanti di
        playAudio
    }

    // Metode untuk memutar
    audio
    public void playAudio(View
    view) {
        int audioResourceId =
        0;

        // Mendapatkan ID
        sumber daya audio berdasarkan
        teks yang diklik
        switch (view.getId()) {
            case
            R.id.textviewone:
                audioResourceId
                = R.raw.one_audio;
                break;
            case
            R.id.textviewtwo:
                audioResourceId
                = R.raw.two_audio;
                break;
            case
            R.id.textviewtree:
                audioResourceId
                = R.raw.tree_audio;
                break;
            case
            R.id.textviewfour:
                audioResourceId
                = R.raw.four_audio;
                break;
            case
            R.id.textviewfive:
                audioResourceId
                = R.raw.four_audio;
                break;
            case
            R.id.textviewsix:
                audioResourceId
                = R.raw.five_audio;
                break;
            case
            R.id.textviewseven:
                audioResourceId
                = R.raw.six_audio;
                break;
            case
            R.id.textvieweight:
                audioResourceId
                = R.raw.seven_audio;
                break;
            case
            R.id.textviewnine:
                audioResourceId
                = R.raw.eight_audio;
                break;
            case
            R.id.textviewred:
                audioResourceId
                = R.raw.nine_audio;
                break;
            case
            R.id.textviewblue:

```

```

        audioResourceId
= R.raw.red_audio;
        break;
        case
R.id.textViewyellow:
        audioResourceId
= R.raw.blue_audio;
        break;
        case
R.id.textViewgreen:
        audioResourceId
= R.raw.yellow_audio;
        break;
        case
R.id.textVieworange:
        audioResourceId
= R.raw.green_audio;
        break;
        case
R.id.textViewpurple:
        audioResourceId
= R.raw.orange_audio;
        break;
        case
R.id.textViewpink:
        audioResourceId
= R.raw.pink_audio;
        break;
        case
R.id.textViewbrown:
        audioResourceId
= R.raw.purple_audio;
        break;
        case
R.id.textViewblack:
        audioResourceId
= R.raw.black_audio;
        break;
        case
R.id.textViewwhite:
        audioResourceId
= R.raw.white_audio;
        break;
        case
R.id.textViewgray:
        audioResourceId
= R.raw.gray_audio;
        break;
        case
R.id.textViewsilver:
        audioResourceId
= R.raw.silver_audio;
        break;
        case
R.id.textViewgold:
        audioResourceId
= R.raw.gold_audio;
        break;
        case
R.id.textViewdog:
        audioResourceId
= R.raw.dog_audio;
        break;
        case
R.id.textViewcat:
        audioResourceId
= R.raw.cat_audio;
        break;
        case
R.id.textViewbird:
        audioResourceId
= R.raw.bird_audio;
        break;
        case
R.id.textViewfish:
        audioResourceId
= R.raw.fish_audio;
        break;
        case
R.id.textViewsnake:
        audioResourceId
= R.raw.snake_audio;
        break;
    }

    // Memainkan audio jika
    sumber daya audio valid
    if (audioResourceId !=
0) {
        if (mediaPlayer !=
null) {
            mediaPlayer.release();
        }
        mediaPlayer
=
MediaPlayer.create(this,
audioResourceId);
        if (mediaPlayer !=
null) {
            mediaPlayer.start();
        } else {
            Toast.makeText(this, "Error
playing audio",
Toast.LENGTH_SHORT).show();
        }
    }

    @Override
    protected void onDestroy()

```

```

{
    super.onDestroy();
    // Pastikan untuk
    melepaskan sumber daya
    MediaPlayer saat Activity
    dihancurkan
    if (mediaPlayer !=
null) {
        mediaPlayer.release();
        mediaPlayer = null;
    }
}

package
easy.tuto.belajarenglish;

import android.content.Intent;
import android.os.Bundle;
import
android.support.v7.app.AppCompa
tActivity;
import android.view.View;
import android.widget.Button;

public class tampilankosakata
extends AppCompatActivity {
    @Override
    protected void
onCreate(Bundle
savedInstanceState) {

super.onCreate(savedInstanceSta
te);

setContentView(R.layout.tampila
nkosakatanya);

        Button btnKosaKata =
findViewById(R.id.btnKosaKata);
        Button btnVideo =
findViewById(R.id.btnVideo);

btnKosaKata.setOnClickListener(
new View.OnClickListener() {
    @Override
    public void
onClick(View v) {
        Intent intent =
new
Intent(tampilankosakata.this,
kosakatapertama.class);

startActivity(intent);
    }
});
}

package
easy.tuto.belajarenglish;

import android.os.Bundle;
import
android.support.v7.app.AppCompa
tActivity;

public class TentangActivity
extends AppCompatActivity {
    @Override
    protected void
onCreate(Bundle
savedInstanceState) {

super.onCreate(savedInstanceSta
te);

setContentView(R.layout.activit
y_tentang);
    }
}

```