

LAMPIRAN

KategoriDataActivity

```
package com.example.sunnah;

import android.os.Bundle;
import android.view.View;
import android.widget.ProgressBar;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import com.example.sunnah.Adapter.AdapterDataKategori;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Kategori.DataModelKategori;
import com.example.sunnah.Model.Kategori.ResponseModelKategori;
import com.google.android.material.floatingactionbutton.FloatingActionButton;

import java.util.ArrayList;
import java.util.HashSet;
import java.util.List;
import java.util.Set;

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

public class KategoriDataActivity extends AppCompatActivity {
    private RecyclerView rvData;
    private RecyclerView.Adapter adData;
    private RecyclerView.LayoutManager lmData;
    private List<DataModelKategori> listDataKategori = new ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;
    private FloatingActionButton fabTambah;

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

        rvData = findViewById(R.id.rv_data);
        srlData = findViewById(R.id.srl_data);
        pbData = findViewById(R.id.pb_data);

        lmData = new LinearLayoutManager(this,
            LinearLayoutManager.VERTICAL, false);
        rvData.setLayoutManager(lmData);

        srlData.setOnRefreshListener(new
            SwipeRefreshLayout.OnRefreshListener() {
                @Override
                public void onRefresh() {
                    srlData.setRefreshing(true);
                    retrieveDataKategori();
                    srlData.setRefreshing(false);
                }
            });
    }

    @Override
    protected void onResume() {
        super.onResume();
```

```
        retrieveDataKategori();
    }

    // Tampilkan Semua Data
    public void retrieveDataKategori() {
        pbData.setVisibility(View.VISIBLE);

        ApiInterface ardData =
            ApiClient.getClient().create(ApiInterface.class);
        Call<ResponseModelKategori> tampilData =
            ardData.ardRetrieveDataKategori();

        tampilData.enqueue(new
            Callback<ResponseModelKategori>() {
                @Override
                public void onResponse(Call<ResponseModelKategori>
                    call, Response<ResponseModelKategori> response) {
                    if (response.isSuccessful() && response.body() !=
                        null) {
                        int kode = response.body().getKode();
                        String pesan = response.body().getPesan();

                        listDataKategori =
                            response.body().getDataKategori();

                        // Gunakan Set untuk menyimpan kategori unik
                        Set<String> kategoriSet = new HashSet<>();
                        List<DataModelKategori> filteredList = new
                            ArrayList<>();

                        for (DataModelKategori data : listDataKategori) {
                            if
                                (!kategoriSet.contains(data.getNamaKategori())) {
                                    kategoriSet.add(data.getNamaKategori());
                                    filteredList.add(data);
                                }
                            }

                        adData = new
                            AdapterDataKategori(KategoriDataActivity.this, filteredList);
                        rvData.setAdapter(adData);
                        adData.notifyDataSetChanged();

                        pbData.setVisibility(View.INVISIBLE);
                    } else {
                        Toast.makeText(KategoriDataActivity.this,
                            "Respon tidak valid dari server.",
                            Toast.LENGTH_SHORT).show();
                        pbData.setVisibility(View.INVISIBLE);
                    }
                }

                @Override
                public void onFailure(Call<ResponseModelKategori>
                    call, Throwable t) {
                    Toast.makeText(KategoriDataActivity.this, "Gagal
                        Menghubungi Server : " + t.getMessage(),
                        Toast.LENGTH_SHORT).show();
                    pbData.setVisibility(View.INVISIBLE);
                }
            });
    }
}
```

KategoriUbahActivity

```
package com.example.sunnah;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
```

```

import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import android.os.Bundle;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import com.example.sunnah.Adapter.AdapterDataSunnah;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Sunnah.DataModel;
import com.example.sunnah.Model.Sunnah.ResponseModel;

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

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

public class KategoriUbahActivity extends AppCompatActivity
{
    private int xId;
    private String xNamaKategori;
    private TextView tvNamaKategori;
    private RecyclerView rvData;
    private RecyclerView.Adapter adData;
    private RecyclerView.LayoutManager lmData;
    private List<DataModel> listData = new ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;

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

        Intent terima = getIntent();
        xId = terima.getIntExtra("xId", -1);
        xNamaKategori =
        terima.getStringExtra("xNamaKategori");

        tvNamaKategori = findViewById(R.id.tv_kategori);

        SharedPreferences sharedPref =
        getSharedPreferences("my_prefs", Context.MODE_PRIVATE);

        // Mendapatkan nilai xNamaKategori dari
        SharedPreferences
        xNamaKategori = sharedPref.getString("xNamaKategori",
        "");

        tvNamaKategori.setText(xNamaKategori);
        tvNamaKategori.setVisibility(View.GONE);

        rvData = findViewById(R.id.rv_data);
        srlData = findViewById(R.id.srl_data);
        pbData = findViewById(R.id.pb_data);

        lmData = new LinearLayoutManager(this,
        LinearLayoutManager.VERTICAL, false);
        rvData.setLayoutManager(lmData);

        srlData.setOnRefreshListener(new
        SwipeRefreshLayout.OnRefreshListener() {
            @Override
            public void onRefresh() {
                srlData.setRefreshing(true);
                retrieveData();
                srlData.setRefreshing(false);
            }
        });
    }

```

```

});
}

@Override
protected void onResume() {
    super.onResume();
    retrieveData();
}

public void retrieveData(){
    pbData.setVisibility(View.VISIBLE);

    ApiInterface ardData =
    ApiClient.getClient().create(ApiInterface.class);
    Call<ResponseModel> tampilData =
    ardData.ardRetrieveData();

    tampilData.enqueue(new Callback<ResponseModel>() {
        @Override
        public void onResponse(Call<ResponseModel> call,
        Response<ResponseModel> response) {
            int kode = response.body().getStatusCode();
            String pesan = response.body().getMessage();

            listData = response.body().getData();

            // Filter listData based on xNamaKategori
            List<DataModel> filteredList = new ArrayList<>();
            for (DataModel data : listData) {
                if (data.getKategori().equals(xNamaKategori)) { //
                Sesuai dengan representasi yang tepat
                    filteredList.add(data);
                }
            }

            adData = new
            AdapterDataSunnah(KategoriUbahActivity.this, filteredList);
            rvData.setAdapter(adData);
            adData.notifyDataSetChanged();

            pbData.setVisibility(View.INVISIBLE);
        }

        @Override
        public void onFailure(Call<ResponseModel> call,
        Throwable t) {
            Toast.makeText(KategoriUbahActivity.this, "Gagal
            Menghubungi Server : "+t.getMessage(),
            Toast.LENGTH_SHORT).show();

            pbData.setVisibility(View.INVISIBLE);
        }
    });
}
}

```

MainActivity

```

package com.example.sunnah;

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.ProgressBar;
import android.widget.Toast;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.SearchView;
import androidx.recyclerview.widget.LinearLayoutManager;

```

```

import androidx.recyclerview.widget.RecyclerView;
import
androidx.swiperefreshlayout.widget.SwipeRefreshLayout;
import com.example.sunnah.Adapter.AdapterDataSunnah;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Sunnah.DataModel;
import com.example.sunnah.Model.Sunnah.ResponseModel;
import java.util.ArrayList;
import java.util.List;
import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

```

```

public class MainActivity extends AppCompatActivity {
    Button btnPengertian, btnSunnah, btnFavorite, btnReminder,
    btnAplikasi;
    private RecyclerView rvData;
    private AdapterDataSunnah adData;
    private LinearLayoutManager lmData;
    private List<DataModel> listData = new ArrayList<>();
    private List<DataModel> filteredData = new ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;
    private boolean isSearchActive = false;
    private SearchView searchView;

```

```

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

```

```

    btnPengertian = findViewById(R.id.btn_pengertian);
    btnSunnah = findViewById(R.id.btn_sunnah);
    btnFavorite = findViewById(R.id.btn_favorite);
    btnReminder = findViewById(R.id.btn_reminder);
    btnAplikasi = findViewById(R.id.btn_aplikasi);

```

```

    btnPengertian.setOnClickListener(v -> {
        Intent intent = new Intent(MainActivity.this,
        PengertianActivity.class);
        startActivity(intent);
    });

```

```

    btnSunnah.setOnClickListener(v -> {
        Intent intent = new Intent(MainActivity.this,
        KategoriDataActivity.class);
        startActivity(intent);
    });

```

```

    btnFavorite.setOnClickListener(v -> {
        Intent intent = new Intent(MainActivity.this,
        SunnahDataActivity.class);
        intent.putExtra("extraData", "1");
        startActivity(intent);
    });

```

```

    btnAplikasi.setOnClickListener(v -> {
        Intent intent = new Intent(MainActivity.this,
        TentangAplikasiActivity.class);
        startActivity(intent);
    });

```

```

    btnReminder.setOnClickListener(v -> {
        Intent intent = new Intent(MainActivity.this,
        ReminderDataActivity.class);
        intent.putExtra("extraData", "99");
        startActivity(intent);
    });

```

```

rvData = findViewById(R.id.rv_data);
srlData = findViewById(R.id.srl_data);
pbData = findViewById(R.id.pb_data);

```

```

lmData = new LinearLayoutManager(this,
LinearLayoutManager.VERTICAL, false);
rvData.setLayoutManager(lmData);

```

```

srlData.setOnRefreshListener() -> {
    srlData.setRefreshing(true);
    if (isSearchActive) {
        filterData(searchView.getQuery().toString());
    } else {
        retrieveData();
    }
    srlData.setRefreshing(false);
});
}

```

```

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.menu_main, menu);

```

```

        MenuItem searchItem =
        menu.findItem(R.id.action_search);
        SearchView searchView = (SearchView)
        searchItem.getActionView();

```

```

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

```

```

            @Override
            public boolean onQueryTextChange(String newText) {
                isSearchActive = true;
                srlData.setVisibility(View.VISIBLE);
                btnPengertian.setVisibility(View.GONE);
                btnSunnah.setVisibility(View.GONE);
                btnFavorite.setVisibility(View.GONE);
                btnReminder.setVisibility(View.GONE);
                btnAplikasi.setVisibility(View.GONE);
                filterData(newText);
                return false;
            }
        });

```

```

        searchView.setOnCloseListener() -> {
            isSearchActive = false;
            srlData.setVisibility(View.GONE);
            btnPengertian.setVisibility(View.VISIBLE);
            btnSunnah.setVisibility(View.VISIBLE);
            btnFavorite.setVisibility(View.VISIBLE);
            btnReminder.setVisibility(View.VISIBLE);
            btnAplikasi.setVisibility(View.VISIBLE);
            filteredData.clear();
            adData.notifyDataSetChanged();
            return false;
        });

```

```

        return true;
    }

```

```

@Override
protected void onResume() {
    super.onResume();
    if (!isSearchActive) {
        retrieveData();
    }
}

```

```

public void retrieveData() {
    pbData.setVisibility(View.VISIBLE);

```

```

    ApiInterface ardData =
    ApiClient.getClient().create(ApiInterface.class);
    Call<ResponseModel> tampilData =
    ardData.ardRetrieveData();

    tampilData.enqueue(new Callback<ResponseModel>() {
        @Override
        public void onResponse(Call<ResponseModel> call,
        Response<ResponseModel> response) {
            if (response.body() != null) {
                int kode = response.body().getKode();
                String pesan = response.body().getPesan();

                listData = response.body().getData();
                filteredData.clear();
                adData = new
                AdapterDataSunnah(MainActivity.this, filteredData);
                rvData.setAdapter(adData);
                adData.notifyDataSetChanged();
            }

            pbData.setVisibility(View.INVISIBLE);
        }

        @Override
        public void onFailure(Call<ResponseModel> call,
        Throwable t) {
            Toast.makeText(MainActivity.this, "Gagal
            Menghubungi Server : " + t.getMessage(),
            Toast.LENGTH_SHORT).show();
            pbData.setVisibility(View.INVISIBLE);
        }
    });
}

private void filterData(String text) {
    filteredData.clear();
    if (text.isEmpty()) {
        adData.notifyDataSetChanged();
        return;
    }
    text = text.toLowerCase();
    for (DataModel item : listData) {
        if (item.getJudul().toLowerCase().contains(text)) {
            filteredData.add(item);
        }
    }
    adData.notifyDataSetChanged();
}

@Override
public boolean onOptionsItemSelected(@NonNull MenuItem
item) {
    if (item.getItemId() == R.id.action_search) {
        return true;
    } else {
        return super.onOptionsItemSelected(item);
    }
}
}

```

PengertianActivity

```

package com.example.sunnah;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class PengertianActivity extends AppCompatActivity {

```

```

    TextView
    buttonMenurutUmum,buttonMenurutBahasa,buttonMenurutUla
    ma;
    private float textSize = 16f;

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

        buttonMenurutUmum =
        findViewById(R.id.button_menurut_umum);
        buttonMenurutBahasa =
        findViewById(R.id.button_menurut_bahasa);
        buttonMenurutUlama =
        findViewById(R.id.button_menurut_ulama);

        Button zoomInButton =
        findViewById(R.id.button_zoom_in);
        Button zoomOutButton =
        findViewById(R.id.button_zoom_out);

        zoomInButton.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View v) {
                textSize += 2f; // Increase text size by 2sp
                buttonMenurutUmum.setTextSize(textSize);
                buttonMenurutBahasa.setTextSize(textSize);
                buttonMenurutUlama.setTextSize(textSize);
            }
        });

        zoomOutButton.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if (textSize > 8f) { // Minimum text size
                    textSize -= 2f; // Decrease text size by 2sp
                    buttonMenurutUmum.setTextSize(textSize);
                    buttonMenurutBahasa.setTextSize(textSize);
                    buttonMenurutUlama.setTextSize(textSize);
                }
            }
        });
    }
}

```

ReminderActivity

```

package com.example.sunnah;

import android.app.NotificationChannel;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Intent;
import android.content.SharedPreferences;
import android.media.MediaPlayer;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.os.Looper;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.LinearLayout;
import android.widget.TextView;
import android.widget.Toast;

```

```

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.NotificationCompat;
import androidx.core.app.NotificationManagerCompat;

import com.bumptech.glide.Glide;
import com.bumptech.glide.request.RequestOptions;

import java.io.IOException;
import java.util.Calendar;

public class ReminderActivity extends AppCompatActivity {
    EditText editTextHour, editTextMinute;
    Button btnSetNotification;
    private final String CHANNEL_ID = "ReminderChannel";
    private final int NOTIFICATION_ID = 001;

    ImageView HGambar;

    private int xId;
    private String xName, xUsername, xLevel, xPassword, xHour,
    xMinute, xAudio, xGambar;
    private EditText etLevel, etPassword, etFavorit;
    private TextView etName, etUsername;
    private float textSize = 20f;
    private MediaPlayer mediaPlayer;
    Intent terima;

    private LinearLayout playButtonsContainer; // Container
    untuk tombol play

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

        HGambar = findViewById(R.id.tv_gambar);

        Button zoomInButton =
        findViewById(R.id.button_zoom_in);
        Button zoomOutButton =
        findViewById(R.id.button_zoom_out);

        createNotificationChannel();

        editTextHour = findViewById(R.id.editTextHour);
        editTextMinute = findViewById(R.id.editTextMinute);
        btnSetNotification =
        findViewById(R.id.buttonSetNotification);

        btnSetNotification.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String hourString = editTextHour.getText().toString();
                String minuteString =
                editTextMinute.getText().toString();

                if (!hourString.isEmpty() &&
                !minuteString.isEmpty()) {
                    int hour = Integer.parseInt(hourString);
                    int minute = Integer.parseInt(minuteString);

                    if (isInputValid(hour, minute)) {
                        saveNotificationTime(hour, minute);

                        Toast.makeText(ReminderActivity.this,
                        "Reminder Berhasil Ditambahkan " + hour + ":" + minute,
                        Toast.LENGTH_SHORT).show();

                        scheduleNotification(hour, minute);

```

```

        } else {
            Toast.makeText(ReminderActivity.this, "Invalid
            time input", Toast.LENGTH_SHORT).show();
        }
    } else {
        Toast.makeText(ReminderActivity.this, "Please
        enter hour and minute", Toast.LENGTH_SHORT).show();
    }
}

});

terima = getIntent();
xId = terima.getIntExtra("xId", -1);
xName = terima.getStringExtra("xName");
xUsername = terima.getStringExtra("xUsername");
xLevel = terima.getStringExtra("xLevel");
xPassword = terima.getStringExtra("xPassword");
xHour = terima.getStringExtra("xHour");
xMinute = terima.getStringExtra("xMinute");
xAudio = terima.getStringExtra("xAudio");
xGambar = terima.getStringExtra("xGambar");

Glide.with(ReminderActivity.this)
    .load(Config.IMAGES_URL +
    terima.getStringExtra("xGambar"))
    .apply(new RequestOptions().override(550, 550))
    .into(HGambar);

etName = findViewById(R.id.tv_name);
etUsername = findViewById(R.id.tv_username);
etLevel = findViewById(R.id.et_level);
etPassword = findViewById(R.id.et_password);
etFavorit = findViewById(R.id.et_favorit);
editTextHour.setText(xHour);
editTextMinute.setText(xMinute);

etName.setText(xName);
etUsername.setText(xUsername);
etLevel.setText(xLevel);
etLevel.setVisibility(View.GONE);
etPassword.setText(xPassword);
etPassword.setVisibility(View.GONE);
editTextHour.setVisibility(View.GONE);
editTextMinute.setVisibility(View.GONE);

etFavorit.setVisibility(View.GONE);

zoomInButton.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        textSize += 2f; // Increase text size by 2sp
        etName.setTextSize(textSize);
        etUsername.setTextSize(textSize);
        updateTextViews(); // Update all TextViews in
        playButtonsContainer
    }
});

zoomOutButton.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        if (textSize > 8f) { // Minimum text size
            textSize -= 2f; // Decrease text size by 2sp
            etName.setTextSize(textSize);
            etUsername.setTextSize(textSize);
            updateTextViews(); // Update all TextViews in
            playButtonsContainer
        }
    }
});

```

```

        // Inisialisasi MediaPlayer dan container untuk tombol
        playButtonsContainer =
findViewById(R.id.play_buttons_container);
        mediaPlayer = new MediaPlayer();

        // Dapatkan nilai xAudio dan xUsername dari Intent
        Intent intent = getIntent();
        String xAudio = intent.getStringExtra("xAudio");
        String xUsername = intent.getStringExtra("xUsername");

        // Pastikan nilai xAudio dan xUsername tidak null
        if (xAudio != null && !xAudio.isEmpty() && xUsername
!= null && !xUsername.isEmpty()) {
            // Menghapus tanda kurung siku dan kutipan, lalu
            // memisahkan file menjadi array
            xAudio = xAudio.replaceAll("[\"\\[\\]]", "");
            String[] audioFiles = xAudio.split(",");

            // Log data untuk debugging
            Log.d("xUsername", "xUsername: " + xUsername);
            Log.d("xAudio", "xAudio: " + xAudio);

            // Gantikan nilai "12345" dengan tombol play
            replaceValuesWithButtons(xUsername, audioFiles);
        }

    }

    private void updateTextViews() {
        // Loop melalui semua tampilan dalam
        playButtonsContainer
        for (int i = 0; i < playButtonsContainer.getChildCount();
i++) {
            View view = playButtonsContainer.getChildAt(i);
            if (view instanceof TextView) {
                ((TextView) view).setTextSize(textSize);
            }
        }
    }

    private void replaceValuesWithButtons(String xUsername,
String[] audioFiles) {
        // Pisahkan teks berdasarkan tanda kurung untuk bagian
        "((( )))"
        String[] parts = xUsername.split("(\\(|\\)|\\)\\)");
        int audioIndex = 0;
        boolean has12345 = false;

        // Proses setiap bagian teks
        for (int i = 0; i < parts.length; i++) {
            String part = parts[i];

            // Pisahkan teks bagian ini berdasarkan spasi
            String[] words = part.split("\\s+");
            StringBuilder sentenceBuilder = new StringBuilder();

            for (String word : words) {
                if (word.equals("12345") && audioIndex <
audioFiles.length) {
                    // Tambahkan kalimat yang sudah dibangun
                    // sebelum tombol play
                    if (sentenceBuilder.length() > 0) {
                        TextView textView = new TextView(this);
                        textView.setText(sentenceBuilder.toString().trim());
                        textView.setTextSize(textSize); // Terapkan
                        ukuran teks
                        playButtonsContainer.addView(textView);
                        sentenceBuilder.setLength(0); // Reset untuk
                        kalimat berikutnya
                    }
                }
            }
        }
    }

```

```

        // Tambahkan tombol play di tempat nilai "12345"
        String audioFile = audioFiles[audioIndex].trim();
        createPlayButton(audioFile);
        has12345 = true;
        audioIndex++; // Pindah ke audio berikutnya
    } else {
        // Tambahkan kata ke dalam StringBuilder
        sentenceBuilder.append(word).append(" ");
    }
}

// Tambahkan kalimat terakhir jika ada setelah loop
selesai
if (sentenceBuilder.length() > 0) {
    TextView textView = new TextView(this);
    textView.setText(sentenceBuilder.toString().trim());
    textView.setTextSize(textSize); // Terapkan ukuran
    teks
    playButtonsContainer.addView(textView);
}

// Tambahkan baris baru untuk bagian teks setelah tanda
kurung
if (i < parts.length - 1) {
    TextView newlineTextView = new TextView(this);
    newlineTextView.setText(" "); // Kosongkan teks,
    hanya untuk baris baru
    newlineTextView.setLayoutParams(new
    LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.MATCH_PARENT,
        LinearLayout.LayoutParams.WRAP_CONTENT
    ));
    newlineTextView.setPadding(0, 16, 0, 16); // Memberi
    jarak vertikal
    playButtonsContainer.addView(newlineTextView);
}

// Jika tidak ada nilai "12345" ditemukan, maka tampilkan
nilai asli di TextView
if (!has12345) {
    etUsername.setVisibility(View.VISIBLE); // Tampilkan
    TextView asli
} else {
    etUsername.setVisibility(View.GONE); // Sembunyikan
    TextView asli
}
updateTextViews();
}

private void createPlayButton(String audioFile) {
    if (!audioFile.isEmpty()) {
        // Buat tombol baru
        Button playButton = new Button(this);
        playButton.setId(View.generateViewId()); //
        Menghasilkan ID unik untuk tombol
        playButton.setText(">");

        // Atur lebar Button agar match_parent
        LinearLayout.LayoutParams params = new
        LinearLayout.LayoutParams(
            LinearLayout.LayoutParams.WRAP_CONTENT, //
            lebar penuh
            LinearLayout.LayoutParams.WRAP_CONTENT //
            tinggi otomatis sesuai konten
        );
        playButton.setLayoutParams(params);

        playButton.setOnClickListener(v ->
        playAudio(audioFile));

        // Tambahkan tombol ke container
        playButtonsContainer.addView(playButton);
    }
}

```

```

        // Log tombol yang dibuat
        Log.d("PlayButton", "Menambahkan tombol untuk file
audio: " + audioFile);
    }
}

private void playAudio(String audioFile) {
    // Hentikan audio yang sedang diputar jika ada
    if (mediaPlayer.isPlaying()) {
        mediaPlayer.stop();
        mediaPlayer.reset(); // Reset setelah stop
    } else {
        mediaPlayer.reset(); // Reset jika tidak sedang diputar,
        untuk memastikan kondisi siap
    }

    // Siapkan MediaPlayer untuk file audio baru
    String audioUrl = Config.AUDIO_URL + audioFile;
    try {
        mediaPlayer.setDataSource(audioUrl);
        mediaPlayer.prepareAsync(); // Persiapkan secara
asinkron
        mediaPlayer.setOnPreparedListener(mp -> mp.start()); //
Mulai pemutaran saat siap
    } catch (IOException e) {
        e.printStackTrace();
        Toast.makeText(this, "Error playing audio: " +
e.getMessage(), Toast.LENGTH_SHORT).show();
    }
}

@Override
protected void onDestroy() {
    // Pastikan MediaPlayer dirilis ketika Activity dihancurkan
    if (mediaPlayer != null) {
        mediaPlayer.release();
        mediaPlayer = null;
    }
    super.onDestroy();
}

private void saveNotificationTime(int hour, int minute) {
    SharedPreferences.Editor editor =
getSharedPreferences("NotificationPrefs",
MODE_PRIVATE).edit();
    editor.putInt("hour", hour);
    editor.putInt("minute", minute);
    editor.apply();
}

private boolean isValidInput(int hour, int minute) {
    if (hour < 0 || hour > 23) {
        return false;
    }
    if (minute < 0 || minute > 59) {
        return false;
    }
    return true;
}

private void scheduleNotification(int hour, int minute) {
    final long delayMillis = calculateDelay(hour, minute);

    new Handler(Looper.getMainLooper()).postDelayed(new
Runnable() {
        @Override
        public void run() {
            displayNotification();
        }
    }, delayMillis);
}

```

```

    }

    private long calculateDelay(int hourOfDay, int minute) {
        Calendar calendarNow = Calendar.getInstance();
        int currentHour =
calendarNow.get(Calendar.HOUR_OF_DAY);
        int currentMinute = calendarNow.get(Calendar.MINUTE);

        long currentMillis = calendarNow.getTimeInMillis();
        long selectedMillis;

        // Calculate the milliseconds until the selected time
        Calendar calendarSelected = Calendar.getInstance();
        calendarSelected.set(Calendar.HOUR_OF_DAY,
hourOfDay);
        calendarSelected.set(Calendar.MINUTE, minute);
        calendarSelected.set(Calendar.SECOND, 0);
        calendarSelected.set(Calendar.MILLISECOND, 0);

        selectedMillis = calendarSelected.getTimeInMillis();

        if (selectedMillis <= currentMillis) {
            // Selected time is before current time, add one day to
selected time
            calendarSelected.add(Calendar.DATE, 1);
            selectedMillis = calendarSelected.getTimeInMillis();
        }

        return selectedMillis - currentMillis;
    }

    // private void displayNotification() {
    //     NotificationCompat.Builder builder = new
NotificationCompat.Builder(this, CHANNEL_ID)
    //         .setSmallIcon(R.drawable.ic_add)
    //         .setContentTitle("Reminder: " + xName )
    //         .setContentText(xUsername)
    //
    //     .setPriority(NotificationCompat.PRIORITY_DEFAULT);
    //
    //     NotificationManagerCompat notificationManager =
NotificationManagerCompat.from(this);
    //     notificationManager.notify(NOTIFICATION_ID,
builder.build());
    // }

    private void displayNotification() {
        // Membuat Intent yang akan membuka ReminderActivity
        Intent intent = new Intent(this, ReminderActivity.class);

        // Tambahkan data yang ingin diteruskan ke
ReminderActivity
        intent.putExtra("xId", xId);
        intent.putExtra("xName", xName);
        intent.putExtra("xUsername", xUsername);
        intent.putExtra("xLevel", xLevel);
        intent.putExtra("xPassword", xPassword);
        intent.putExtra("xHour", xHour);
        intent.putExtra("xMinute", xMinute);
        intent.putExtra("xAudio", xAudio);
        intent.putExtra("xGambar", xGambar);

        // Membuat PendingIntent
        PendingIntent pendingIntent = PendingIntent.getActivity(
this, 0, intent,
PendingIntent.FLAG_UPDATE_CURRENT |
PendingIntent.FLAG_IMMUTABLE);

        // Membuat notifikasi dengan pending intent
        NotificationCompat.Builder builder = new
NotificationCompat.Builder(this, CHANNEL_ID)
        .setSmallIcon(R.drawable.ic_add)
        .setContentTitle("Reminder: " + xName)
        .setContentText(xUsername)
    }

```



```

.setPriority(NotificationCompat.PRIORITY_DEFAULT)
.setContentIntent(pendingIntent) // Set pending intent
.setAutoCancel(true); // Notifikasi akan hilang setelah
diklik

// Menampilkan notifikasi
NotificationManagerCompat notificationManager =
NotificationManagerCompat.from(this);
notificationManager.notify(NOTIFICATION_ID,
builder.build());
}

private void createNotificationChannel() {
if (Build.VERSION.SDK_INT >=
Build.VERSION_CODES.O) {
CharSequence name = "Personal Notifications";
String description = "Include all the personal
notifications";
int importance =
NotificationManager.IMPORTANCE_DEFAULT;
NotificationChannel notificationChannel = new
NotificationChannel(CHANNEL_ID, name, importance);
notificationChannel.setDescription(description);

NotificationManager notificationManager =
getSystemService(NotificationManager.class);

notificationManager.createNotificationChannel(notificationCha
nnel);
}
}
}

```

ReminderDataActivity

```

package com.example.sunnah;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ProgressBar;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import com.example.sunnah.Adapter.AdapterDataReminder;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Sunnah.DataModel;
import com.example.sunnah.Model.Sunnah.ResponseModel;

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

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

public class ReminderDataActivity extends AppCompatActivity
{
    private RecyclerView rvData;
    private RecyclerView.Adapter adData;
    private RecyclerView.LayoutManager lmData;
    private List<DataModel> listData = new ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;

```

```

private String receivedData;

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

rvData = findViewById(R.id.rv_data);
srlData = findViewById(R.id.srl_data);
pbData = findViewById(R.id.pb_data);

lmData = new LinearLayoutManager(this,
LinearLayoutManager.VERTICAL, false);
rvData.setLayoutManager(lmData);

srlData.setOnRefreshListener(new
SwipeRefreshLayout.OnRefreshListener() {
@Override
public void onRefresh() {
srlData.setRefreshing(true);
retrieveData();
srlData.setRefreshing(false);
}
});

// Menerima data dari Intent
Intent intent = getIntent();
receivedData = intent.getStringExtra("extraData");
}

@Override
protected void onResume() {
super.onResume();
retrieveData();
}

public void retrieveData(){
pbData.setVisibility(View.VISIBLE);

ApiInterface ardData =
ApiClient.getClient().create(ApiInterface.class);
Call<ResponseModel> tampilData =
ardData.ardRetrieveData();

tampilData.enqueue(new Callback<ResponseModel>() {
@Override
public void onResponse(Call<ResponseModel> call,
Response<ResponseModel> response) {
int kode = response.body().getStatusCode();
String pesan = response.body().getMessage();

listData = response.body().getData();

// Filter listData based on xNamaKategori
List<DataModel> filteredList = new ArrayList<>();
for (DataModel data : listData) {
if (data.getFavorit().equals(receivedData)) { //
Sesuaikan dengan representasi yang tepat
filteredList.add(data);
}
}

adData = new
AdapterDataReminder(ReminderDataActivity.this, filteredList);
rvData.setAdapter(adData);
adData.notifyDataSetChanged();

pbData.setVisibility(View.INVISIBLE);
}

@Override
public void onFailure(Call<ResponseModel> call,
Throwable t) {
Toast.makeText(ReminderDataActivity.this, "Gagal
Menghubungi Server : "+t.getMessage(),

```

```

Toast.LENGTH_SHORT).show();

        pbData.setVisibility(View.INVISIBLE);
    }
    });
}
}

```

SplashScreenActivity

```

package com.example.sunnah;

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

import androidx.appcompat.app.AppCompatActivity;

public class SplashScreenActivity extends AppCompatActivity {
    private static final long SPLASH_DELAY = 2500; // Waktu
    tampilan splash screen dalam milidetik (di sini 2 detik)

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

        // Mengatur tampilan menjadi full screen (opsional)

        getWindow().setFlags(WindowManager.LayoutParams.FLAG_
        FULLSCREEN,
        WindowManager.LayoutParams.FLAG_FULLSCREEN);

        // Handler untuk menangani delay sebelum memunculkan
        MainActivity
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent intent = new Intent(SplashScreenActivity.this,
                MainActivity.class);
                startActivity(intent);
                finish(); // Menutup SplashScreenActivity agar tidak
                kembali lagi ketika tombol back ditekan
            }
        }, SPLASH_DELAY);
    }
}

```

SubDataActivity

```

package com.example.sunnah;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ProgressBar;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import com.example.sunnah.Adapter.AdapterDataSub;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Kategori.DataModelKategori;
import

```

```

com.example.sunnah.Model.Kategori.ResponseModelKategori;
import
com.google.android.material.floatingactionbutton.FloatingActio
nButton;

```

```

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

```

```

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

```

```

public class SubDataActivity extends AppCompatActivity {
    private RecyclerView rvData;
    private RecyclerView.Adapter adData;
    private RecyclerView.LayoutManager lmData;
    private List<DataModelKategori> listDataKategori = new
    ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;
    private FloatingActionButton fabTambah;
    private String xNamaKategori, xSubKategori;
    private int xId;

```

```

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

        Intent terima = getIntent();
        xId = terima.getIntExtra("xId", -1);
        xNamaKategori =
        terima.getStringExtra("xNamaKategori");
        xSubKategori = terima.getStringExtra("xSubKategori");

```

```

        rvData = findViewById(R.id.rv_data);
        srlData = findViewById(R.id.srl_data);
        pbData = findViewById(R.id.pb_data);

```

```

        lmData = new LinearLayoutManager(this,
        LinearLayoutManager.VERTICAL, false);
        rvData.setLayoutManager(lmData);

```

```

        srlData.setOnRefreshListener(new
        SwipeRefreshLayout.OnRefreshListener() {
            @Override
            public void onRefresh() {
                srlData.setRefreshing(true);
                retrieveDataKategori();
                srlData.setRefreshing(false);
            }
        });
    }
}

```

```

    @Override
    protected void onResume() {
        super.onResume();
        retrieveDataKategori();
    }

```

```

    public void retrieveDataKategori() {
        pbData.setVisibility(View.VISIBLE);

```

```

        ApiInterface ardData =
        ApiClient.getClient().create(ApiInterface.class);
        Call<ResponseModelKategori> tampilData =
        ardData.ardRetrieveDataKategori();

```

```

        tampilData.enqueue(new
        Callback<ResponseModelKategori>() {
            @Override
            public void onResponse(Call<ResponseModelKategori>
            call, Response<ResponseModelKategori> response) {

```

```

        if (response.isSuccessful() && response.body() !=
null) {
            int kode = response.body().getKode();
            String pesan = response.body().getPesan();

            listDataKategori =
response.body().getDataKategori();

            // Menerima xNamaKategori dari intent
            Intent terima = getIntent();
            String xNamaKategori =
terima.getStringExtra("xNamaKategori");

            // Filter data untuk hanya menampilkan item
dengan subKategori tidak kosong, tidak nol, dan sesuai
xNamaKategori
            List<DataModelKategori> filteredList = new
ArrayList<>();
            for (DataModelKategori item : listDataKategori) {
                String subKategori = item.getSubKategori();
                if (subKategori != null &&
!subKategori.isEmpty() && !subKategori.equals("0")
&&
item.getNamaKategori().equals(xNamaKategori)) {
                    filteredList.add(item);
                }
            }

            adData = new
AdapterDataSub(SubDataActivity.this, filteredList);
            rvData.setAdapter(adData);
            adData.notifyDataSetChanged();

            pbData.setVisibility(View.INVISIBLE);
        } else {
            Toast.makeText(SubDataActivity.this, "Respon
tidak valid dari server.", Toast.LENGTH_SHORT).show();
            pbData.setVisibility(View.INVISIBLE);
        }
    }

    @Override
    public void onFailure(Call<ResponseModelKategori>
call, Throwable t) {
        Toast.makeText(SubDataActivity.this, "Gagal
Menghubungi Server : " + t.getMessage(),
Toast.LENGTH_SHORT).show();
        pbData.setVisibility(View.INVISIBLE);
    }
}
}

```

SubUbahActivity

```

package com.example.sunnah;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import
androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

```

```

import com.example.sunnah.Adapter.AdapterDataSunnah;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Sunnah.DataModel;
import com.example.sunnah.Model.Sunnah.ResponseModel;

```

```

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

```

```

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

```

```

public class SubUbahActivity extends AppCompatActivity {
    private int xId;
    private String xNamaKategori, xSubKategori;
    private TextView tvNamaKategori;
    private RecyclerView rvData;
    private RecyclerView.Adapter adData;
    private RecyclerView.LayoutManager lmData;
    private List<DataModel> listData = new ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;

```

```

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

```

```

        Intent terima = getIntent();
        xId = terima.getIntExtra("xId", -1);
        xNamaKategori =
terima.getStringExtra("xNamaKategori");
        xSubKategori = terima.getStringExtra("xSubKategori");

```

```

        tvNamaKategori = findViewById(R.id.tv_kategori);

```

```

        SharedPreferences sharedPref =
getSharedPreferences("my_prefs", Context.MODE_PRIVATE);

```

```

        // Mendapatkan nilai xNamaKategori dari
SharedPreferences
        xNamaKategori = sharedPref.getString("xNamaKategori",
""");

```

```

        tvNamaKategori.setText(xNamaKategori);
        tvNamaKategori.setVisibility(View.GONE);

```

```

        rvData = findViewById(R.id.rv_data);
        srlData = findViewById(R.id.srl_data);
        pbData = findViewById(R.id.pb_data);

```

```

        lmData = new LinearLayoutManager(this,
LinearLayoutManager.VERTICAL, false);
        rvData.setLayoutManager(lmData);

```

```

        srlData.setOnRefreshListener(new
SwipeRefreshLayout.OnRefreshListener() {
            @Override
            public void onRefresh() {
                srlData.setRefreshing(true);
                retrieveData();
                srlData.setRefreshing(false);
            }
        });

```

```

    }

```

```

    @Override
    protected void onResume() {
        super.onResume();
        retrieveData();
    }

```

```

    public void retrieveData(){

```

```

        pbData.setVisibility(View.VISIBLE);

        ApiInterface ardData =
        ApiClient.getClient().create(ApiInterface.class);
        Call<ResponseModel> tampilData =
        ardData.ardRetrieveData();

        tampilData.enqueue(new Callback<ResponseModel>() {
            @Override
            public void onResponse(Call<ResponseModel> call,
            Response<ResponseModel> response) {
                int kode = response.body().getKode();
                String pesan = response.body().getPesan();

                listData = response.body().getData();

                // Filter listData based on xNamaKategori
                List<DataModel> filteredList = new ArrayList<>();
                for (DataModel data : listData) {
                    if (data.getSub().equals(xSubKategori)) { //
Sesuaikan dengan representasi yang tepat
                        filteredList.add(data);
                    }
                }

                adData = new
                AdapterDataSunnah(SubUbahActivity.this, filteredList);
                rvData.setAdapter(adData);
                adData.notifyDataSetChanged();

                pbData.setVisibility(View.INVISIBLE);
            }

            @Override
            public void onFailure(Call<ResponseModel> call,
            Throwable t) {
                Toast.makeText(SubUbahActivity.this, "Gagal
                Menghubungi Server : "+t.getMessage(),
                Toast.LENGTH_SHORT).show();

                pbData.setVisibility(View.INVISIBLE);
            }
        });
    }
}

```

SunnahDataActivity

```

package com.example.sunnah;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ProgressBar;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import com.example.sunnah.Adapter.AdapterDataSunnah;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Sunnah.DataModel;
import com.example.sunnah.Model.Sunnah.ResponseModel;

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

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

```

```

public class SunnahDataActivity extends AppCompatActivity {
    private RecyclerView rvData;
    private RecyclerView.Adapter adData;
    private RecyclerView.LayoutManager lmData;
    private List<DataModel> listData = new ArrayList<>();
    private SwipeRefreshLayout srlData;
    private ProgressBar pbData;
    private String receivedData;

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

        rvData = findViewById(R.id.rv_data);
        srlData = findViewById(R.id.srl_data);
        pbData = findViewById(R.id.pb_data);

        lmData = new LinearLayoutManager(this,
        LinearLayoutManager.VERTICAL, false);
        rvData.setLayoutManager(lmData);

        srlData.setOnRefreshListener(new
        SwipeRefreshLayout.OnRefreshListener() {
            @Override
            public void onRefresh() {
                srlData.setRefreshing(true);
                retrieveData();
                srlData.setRefreshing(false);
            }
        });

        // Menerima data dari Intent
        Intent intent = getIntent();
        receivedData = intent.getStringExtra("extraData");
    }

    @Override
    protected void onResume() {
        super.onResume();
        retrieveData();
    }

    public void retrieveData(){
        pbData.setVisibility(View.VISIBLE);

        ApiInterface ardData =
        ApiClient.getClient().create(ApiInterface.class);
        Call<ResponseModel> tampilData =
        ardData.ardRetrieveData();

        tampilData.enqueue(new Callback<ResponseModel>() {
            @Override
            public void onResponse(Call<ResponseModel> call,
            Response<ResponseModel> response) {
                int kode = response.body().getKode();
                String pesan = response.body().getPesan();

                listData = response.body().getData();

                // Filter listData based on xNamaKategori
                List<DataModel> filteredList = new ArrayList<>();
                for (DataModel data : listData) {
                    if (data.getFavorit().equals(receivedData)) { //
Sesuaikan dengan representasi yang tepat
                        filteredList.add(data);
                    }
                }

                adData = new
                AdapterDataSunnah(SunnahDataActivity.this, filteredList);
                rvData.setAdapter(adData);
                adData.notifyDataSetChanged();
            }
        });
    }
}

```

```

        pbData.setVisibility(View.INVISIBLE);
    }

    @Override
    public void onFailure(Call<ResponseModel> call,
        Throwable t) {
        Toast.makeText(SunnahDataActivity.this, "Gagal
        Menghubungi Server : "+t.getMessage(),
        Toast.LENGTH_SHORT).show();

        pbData.setVisibility(View.INVISIBLE);
    }
    });
}
}

```

SunnahUbahActivity

```

package com.example.sunnah;

import android.content.Intent;
import android.media.MediaPlayer;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.LinearLayout;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import com.bumptech.glide.Glide;
import com.bumptech.glide.request.RequestOptions;
import com.example.sunnah.Api.ApiClient;
import com.example.sunnah.Api.ApiInterface;
import com.example.sunnah.Model.Sunnah.ResponseModel;

import java.io.IOException;

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

public class SunnahUbahActivity extends AppCompatActivity {
    private int xId;
    private MediaPlayer mediaPlayer;
    ImageView HGambar;
    private String xName, xUsername, xLevel, xPassword,
    xFavorit, xAudio;
    private EditText etLevel, etPassword, etFavorit;
    private TextView tvName, tvUsername, tvAudio;
    private Button btnFavorit, btnUnFavorit;
    private String yName, yUsername, yLevel, yPassword,
    yFavorit;
    private float textSize = 16f;
    private LinearLayout playButtonsContainer; // Container
    untuk tombol play

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

        Button zoomInButton =
        findViewById(R.id.button_zoom_in);
        Button zoomOutButton =
        findViewById(R.id.button_zoom_out);

        HGambar = (ImageView) findViewById(R.id.tv_gambar);

        Intent terima = getIntent();

```

```

        xId = terima.getIntExtra("xId", -1);
        xName = terima.getStringExtra("xName");
        xUsername = terima.getStringExtra("xUsername");
        xLevel = terima.getStringExtra("xLevel");
        xPassword = terima.getStringExtra("xPassword");
        xFavorit = terima.getStringExtra("xFavorit");

        Glide.with(SunnahUbahActivity.this)
            .load(Config.IMAGES_URL +
            terima.getStringExtra("xGambar"))
            .apply(new RequestOptions().override(550, 550))
            .into(HGambar);

        xAudio = terima.getStringExtra("xAudio");

        tvName = findViewById(R.id.tv_name);
        tvUsername = findViewById(R.id.tv_username);
        // tvAudio = findViewById(R.id.audio_label);

        etLevel = findViewById(R.id.et_level);
        etPassword = findViewById(R.id.et_password);
        etFavorit = findViewById(R.id.et_favorit);
        btnFavorit = findViewById(R.id.btn_favorit);
        btnUnFavorit = findViewById(R.id.btn_unfavorit);

        tvName.setText(xName);
        tvUsername.setText(xUsername);
        // tvAudio.setText(xAudio);

        etLevel.setText(xLevel);
        etLevel.setVisibility(View.GONE);
        etPassword.setText(xPassword);
        etPassword.setVisibility(View.GONE);
        // tvAudio.setVisibility(View.GONE);

        if (xFavorit.equals("1")) {
            etFavorit.setText("0");
            btnFavorit.setVisibility(View.GONE);
        } else {
            etFavorit.setText("1");
            btnUnFavorit.setVisibility(View.GONE);
        }

        if (xFavorit.equals("99")) {
            btnFavorit.setVisibility(View.GONE);
            btnUnFavorit.setVisibility(View.GONE);
        }

        etFavorit.setVisibility(View.GONE);

        btnFavorit.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View view) {
                yName = tvName.getText().toString();
                yUsername = tvUsername.getText().toString();
                yLevel = etLevel.getText().toString();
                yPassword = etPassword.getText().toString();
                yFavorit = etFavorit.getText().toString();

                updateData();
            }
        });

        btnUnFavorit.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View view) {
                yName = tvName.getText().toString();
                yUsername = tvUsername.getText().toString();
                yLevel = etLevel.getText().toString();
                yPassword = etPassword.getText().toString();
                yFavorit = etFavorit.getText().toString();

```

```

        updateData();
    }
});

zoomInButton.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        textSize += 2f; // Increase text size by 2sp
        tvName.setTextSize(textSize);
        tvUsername.setTextSize(textSize);
        updateTextViews(); // Update all TextViews in
playButtonsContainer
    }
});

zoomOutButton.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        if (textSize > 8f) { // Minimum text size
            textSize -= 2f; // Decrease text size by 2sp
            tvName.setTextSize(textSize);
            tvUsername.setTextSize(textSize);
            updateTextViews(); // Update all TextViews in
playButtonsContainer
        }
    }
});

playButtonsContainer =
findViewById(R.id.play_buttons_container);
mediaPlayer = new MediaPlayer();

// Dapatkan nilai xAudio dan xUsername dari Intent
Intent intent = getIntent();
String xAudio = intent.getStringExtra("xAudio");
String xUsername = intent.getStringExtra("xUsername");

// Pastikan nilai xAudio dan xUsername tidak null
if (xAudio != null && !xAudio.isEmpty() && xUsername
!= null && !xUsername.isEmpty()) {
    // Menghapus tanda kurung siku dan kutipan, lalu
memisahkan file menjadi array
    xAudio = xAudio.replaceAll("[\\[\\]]", "");
    String[] audioFiles = xAudio.split(",");

    // Log data untuk debugging
    Log.d("xUsername", "xUsername: " + xUsername);
    Log.d("xAudio", "xAudio: " + xAudio);

    // Gantikan nilai "12345" dengan tombol play
    replaceValuesWithButtons(xUsername, audioFiles);
}

}

private void updateTextViews() {
    // Loop melalui semua tampilan dalam
playButtonsContainer
    for (int i = 0; i < playButtonsContainer.getChildCount();
i++) {
        View view = playButtonsContainer.getChildAt(i);
        if (view instanceof TextView) {
            ((TextView) view).setTextSize(textSize);
        }
    }
}

private void replaceValuesWithButtons(String xUsername,
String[] audioFiles) {
    // Pisahkan teks berdasarkan tanda kurung untuk bagian
"(( ))"

```

```

String[] parts = xUsername.split("\\(\\|\\)");
int audioIndex = 0;
boolean has12345 = false;

// Proses setiap bagian teks
for (int i = 0; i < parts.length; i++) {
    String part = parts[i];

    // Pisahkan teks bagian ini berdasarkan spasi
    String[] words = part.split("\\s+");
    StringBuilder sentenceBuilder = new StringBuilder();

    for (String word : words) {
        if (word.equals("12345") && audioIndex <
audioFiles.length) {
            // Tambahkan kalimat yang sudah dibangun
sebelum tombol play
            if (sentenceBuilder.length() > 0) {
                TextView textView = new TextView(this);

                textView.setText(sentenceBuilder.toString().trim());
                textView.setTextSize(textSize); // Terapkan
ukuran teks
                playButtonsContainer.addView(textView);
                sentenceBuilder.setLength(0); // Reset untuk
kalimat berikutnya
            }

            // Tambahkan tombol play di tempat nilai "12345"
            String audioFile = audioFiles[audioIndex].trim();
            createPlayButton(audioFile);
            has12345 = true;
            audioIndex++; // Pindah ke audio berikutnya
        } else {
            // Tambahkan kata ke dalam StringBuilder
            sentenceBuilder.append(word).append(" ");
        }
    }

    // Tambahkan kalimat terakhir jika ada setelah loop
selesai
    if (sentenceBuilder.length() > 0) {
        TextView textView = new TextView(this);
        textView.setText(sentenceBuilder.toString().trim());
        textView.setTextSize(textSize); // Terapkan ukuran
teks
        playButtonsContainer.addView(textView);
    }

    // Tambahkan baris baru untuk bagian teks setelah tanda
kurung
    if (i < parts.length - 1) {
        TextView newlineTextView = new TextView(this);
        newlineTextView.setText(" "); // Kosongkan teks,
hanya untuk baris baru
        newlineTextView.setLayoutParams(new
LinearLayout.LayoutParams(
            LinearLayout.LayoutParams.MATCH_PARENT,
            LinearLayout.LayoutParams.WRAP_CONTENT
        ));
        newlineTextView.setPadding(0, 16, 0, 16); // Memberi
jarak vertikal
        playButtonsContainer.addView(newlineTextView);
    }
}

// Jika tidak ada nilai "12345" ditemukan, maka tampilkan
nilai asli di TextView
if (!has12345) {
    tvUsername.setVisibility(View.VISIBLE); // Tampilkan
TextView asli
} else {
    tvUsername.setVisibility(View.GONE); // Sembunyikan
TextView asli
}

```

```

        updateTextViews();
    }

    private void createPlayButton(String audioFile) {
        if (!audioFile.isEmpty()) {
            // Buat tombol baru
            Button playButton = new Button(this);
            playButton.setId(View.generateViewId()); //
            Menghasilkan ID unik untuk tombol
            playButton.setText(">");

            // Atur lebar Button agar match_parent
            LinearLayout.LayoutParams params = new
            LinearLayout.LayoutParams(
                LinearLayout.LayoutParams.WRAP_CONTENT, //
            lebar penuh
                LinearLayout.LayoutParams.WRAP_CONTENT //
            tinggi otomatis sesuai konten
            );
            playButton.setLayoutParams(params);

            playButton.setOnClickListener(v ->
            playAudio(audioFile));

            // Tambahkan tombol ke container
            playButtonsContainer.addView(playButton);

            // Log tombol yang dibuat
            Log.d("PlayButton", "Menambahkan tombol untuk file
            audio: " + audioFile);
        }
    }

    private void playAudio(String audioFile) {
        // Hentikan audio yang sedang diputar jika ada
        if (mediaPlayer.isPlaying()) {
            mediaPlayer.stop();
            mediaPlayer.reset(); // Reset setelah stop
        } else {
            mediaPlayer.reset(); // Reset jika tidak sedang diputar,
            untuk memastikan kondisi siap
        }

        // Siapkan MediaPlayer untuk file audio baru
        String audioUrl = Config.AUDIO_URL + audioFile;
        try {
            mediaPlayer.setDataSource(audioUrl);
            mediaPlayer.prepareAsync(); // Persiapkan secara
            asinkron
            mediaPlayer.setOnPreparedListener(mp -> mp.start()); //
            Mulai pemutaran saat siap
        } catch (IOException e) {
            e.printStackTrace();
            Toast.makeText(this, "Error playing audio: " +
            e.getMessage(), Toast.LENGTH_SHORT).show();
        }
    }

    @Override
    protected void onDestroy() {
        // Pastikan MediaPlayer dirilis ketika Activity dihancurkan
        if (mediaPlayer != null) {
            mediaPlayer.release();
            mediaPlayer = null;
        }
        super.onDestroy();
    }

    private void updateData(){
        ApiInterface ardData =
        ApiClient.getClient().create(ApiInterface.class);

```

```

        Call<ResponseModel> ubahData =
        ardData.ardUpdateData(xId, yName, yUername,
        yLevel,yPassword,yFavorite);

        ubahData.enqueue(new Callback<ResponseModel>() {
            @Override
            public void onResponse(Call<ResponseModel> call,
            Response<ResponseModel> response) {
                int kode = response.body().getKode();
                String pesan = response.body().getPesan();

                Toast.makeText(SunnahUbahActivity.this, "Kode :
                "+kode+" | Pesan : "+pesan, Toast.LENGTH_SHORT).show();
                finish();
            }

            @Override
            public void onFailure(Call<ResponseModel> call,
            Throwable t) {
                Toast.makeText(SunnahUbahActivity.this, "Gagal
                Menghubungi Server | "+t.getMessage(),
                Toast.LENGTH_SHORT).show();
            }
        });
    }
}

```

TentangAplikasiActivity

```

package com.example.sunnah;

import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

public class TentangAplikasiActivity extends
AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_tentang_aplikasi);
    }
}

```

activity_kategori_data.xml

```

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

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent" />

    <androidx.swiperefreshlayout.widget.SwipeRefreshLayout
        android:id="@+id/srl_data"
        android:layout_width="match_parent"
        android:layout_marginTop="30dp"
        android:layout_height="match_parent">

        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/rv_data"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            tools:listitem="@layout/card_item_kategori"
        />

```

```
</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>
```

```
<ProgressBar
    android:id="@+id/pb_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:visibility="invisible"
/>
```

```
</RelativeLayout>
```

activity_kategori_ubah.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp"
    tools:context=".KategoriUbahActivity">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Daftar Sunnah"
    android:textSize="22sp"
    android:textStyle="bold"
    android:layout_gravity="center"
    android:layout_marginBottom="30dp"
/>
```

```
<TextView
    android:id="@+id/tv_kategori"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="kategori"
    android:textSize="20sp"
    android:inputType="text"
/>
```

```
<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:id="@+id/srl_data"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
```

```
<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/rv_data"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:listitem="@layout/card_item_sunnah"
/>
```

```
</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>
```

```
<ProgressBar
    android:id="@+id/pb_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:visibility="invisible"
/>
```

```
</LinearLayout>
```

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:padding="16dp">
```

```
<Button
    android:id="@+id/btn_pengertian"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:layout_marginBottom="10dp"
    android:background="@color/colorPrimaryDark"
    android:textColor="#ffffff"
    android:text="Pengertian" />
```

```
<Button
    android:id="@+id/btn_sunnah"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:layout_marginBottom="10dp"
    android:background="@color/colorPrimaryDark"
    android:textColor="#ffffff"
    android:text="Daftar Sunnah" />
```

```
<Button
    android:id="@+id/btn_favorite"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:layout_marginBottom="10dp"
    android:background="@color/colorPrimaryDark"
    android:textColor="#ffffff"
    android:text="Favorite" />
```

```
<Button
    android:id="@+id/btn_aplikasi"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:layout_marginBottom="10dp"
    android:background="@color/colorPrimaryDark"
    android:textColor="#ffffff"
    android:text="Tentang Aplikasi" />
```

```
<Button
    android:id="@+id/btn_reminder"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:layout_marginBottom="10dp"
    android:background="@color/colorPrimaryDark"
    android:textColor="#ffffff"
    android:text="Reminder" />
```

```
</LinearLayout>
```

```
<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:id="@+id/srl_data"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
```



```

        android:visibility="gone"
    >

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/rv_data"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        tools:listitem="@layout/card_item_sunnah"
    />

</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>

<ProgressBar
    android:id="@+id/pb_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:visibility="invisible"
/>

</androidx.constraintlayout.widget.ConstraintLayout>

```

activity_pengertian.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    android:padding="16dp">

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:layout_weight="1">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:gravity="center">

            <TextView
                android:id="@+id/button_menurut_umum"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="Menurut umum, Sunnah adalah segala
                sesuatu yang bersumber dari Nabi Muhammad SAW, baik itu
                dalam bentuk perkataan, perbuatan, ataupun persetujuan (taqrir).
                Ini mencakup segala aspek kehidupan Nabi yang dijadikan
                contoh oleh umat Islam, selain dari perintah yang wajib
                dilakukan (fardhu) atau larangan yang harus dijaui (haram).
                Sunnah mencakup praktik-praktik ibadah, etika, dan kehidupan
                sehari-hari yang dianjurkan untuk diikuti oleh umat Islam guna
                mencapai kehidupan yang lebih baik dan mendapatkan
                keridhaan Allah SWT."
                android:textSize="16sp"
                android:lineSpacingExtra="8dp"
                android:padding="8dp"
                android:layout_marginBottom="20dp" />

            <TextView
                android:id="@+id/button_menurut_bahasa"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="Menurut bahasa, Sunnah berarti 'jalan'
                atau 'cara'. Ini merujuk pada kebiasaan atau praktik yang

```

dijalani. Sunnah dalam konteks ini menunjukkan jalan atau cara hidup yang diikuti dan dicontohkan oleh Nabi Muhammad SAW. Secara linguistik, istilah ini bisa merujuk pada praktik-praktik yang baik atau buruk, tetapi dalam konteks agama Islam, Sunnah selalu merujuk pada contoh yang baik dan positif dari Nabi."

```

                android:textSize="16sp"
                android:lineSpacingExtra="8dp"
                android:padding="8dp"
                android:layout_marginBottom="20dp"
                android:scrollbars="vertical"
                android:focusable="true"
                android:focusableInTouchMode="true" />

            <TextView
                android:id="@+id/button_menurut_ulama"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="Menurut ulama, Sunnah adalah segala
                sesuatu yang bersumber dari Nabi Muhammad SAW, baik itu
                ucapan, perbuatan, ketetapan, atau sifat yang menjadi teladan
                bagi umat Islam. Dalam ilmu hadits, Sunnah mencakup apa saja
                yang diriwayatkan dari Nabi, baik berupa kata-kata, perbuatan,
                atau persetujuan beliau terhadap tindakan orang lain. Ulama
                membagi Sunnah ke dalam beberapa kategori, seperti Sunnah
                Qauliyah (ucapan Nabi), Sunnah Fi'liyah (perbuatan Nabi), dan
                Sunnah Taqririyah (persetujuan Nabi terhadap perbuatan
                sahabat). Sunnah digunakan sebagai sumber hukum kedua
                setelah Al-Quran dalam menetapkan hukum syariah dan tata
                cara beribadah."
                android:textSize="16sp"
                android:lineSpacingExtra="8dp"
                android:padding="8dp"
                android:layout_marginBottom="20dp"
                android:scrollbars="vertical"
                android:focusable="true"
                android:focusableInTouchMode="true" />
        </LinearLayout>

    </ScrollView>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:gravity="center">

        <Button
            android:id="@+id/button_zoom_in"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Zoom In"
            android:layout_marginEnd="16dp" />

        <Button
            android:id="@+id/button_zoom_out"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Zoom Out" />
    </LinearLayout>

</LinearLayout>

<!-- Bagian yang bisa di-scroll -->
<ScrollView

```

activity_reminder.xml

```

<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".ReminderActivity">

    <!-- Bagian yang bisa di-scroll -->
    <ScrollView

```

```

        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_above="@+id/linear_layout_buttons">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:padding="16dp"
            android:orientation="vertical">

            <EditText
                android:id="@+id/editTextHour"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:hint="Hour"
                android:inputType="number"
                android:maxLength="2"
                android:maxLines="1"
                android:textSize="18sp"/>

            <EditText
                android:id="@+id/editTextMinute"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:hint="Minute"
                android:inputType="number"
                android:maxLength="2"
                android:maxLines="1"
                android:textSize="18sp"/>

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="22sp"
                android:textStyle="bold"
                android:layout_gravity="center"
                android:layout_marginBottom="30dp"/>

            <TextView
                android:id="@+id/tv_name"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:hint="Name"
                android:textStyle="bold"
                android:textSize="20sp"
                android:inputType="text"/>

            <ImageView
                android:id="@+id/tv_gambar"
                android:layout_gravity="center"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginBottom="4dp"
                android:layout_marginTop="4dp"
                android:scaleType="centerCrop"
                app:layout_constraintDimensionRatio="H,1:1"

                app:layout_constraintEnd_toStartOf="@+id/guideline"
                app:layout_constraintStart_toStartOf="parent"
                app:layout_constraintTop_toTopOf="parent"
                app:layout_constraintBottom_toBottomOf="parent"
                tools:src="@color/colorAccent" />

            <LinearLayout
                android:id="@+id/play_buttons_container"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="vertical">

                <TextView
                    android:id="@+id/tv_username"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="Name"
                    android:textSize="20sp"

                    android:justificationMode="inter_word"
                    android:gravity="start"/>

            </LinearLayout>

            <com.google.android.material.textfield.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <EditText
                    android:id="@+id/et_level"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="Level"
                    android:textSize="20sp"
                    android:inputType="text"/>

            </com.google.android.material.textfield.TextInputLayout>

            <com.google.android.material.textfield.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <EditText
                    android:id="@+id/et_password"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="Password"
                    android:textSize="20sp"
                    android:inputType="text"/>

            </com.google.android.material.textfield.TextInputLayout>

            <com.google.android.material.textfield.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <EditText
                    android:id="@+id/et_favorit"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:text="0"
                    android:hint="Favorit"
                    android:textSize="20sp"
                    android:inputType="text"/>

            </com.google.android.material.textfield.TextInputLayout>

            <Button
                android:layout_gravity="center"
                android:id="@+id/buttonSetNotification"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Set Notification"
                android:onClick="setNotification"/>

            </LinearLayout>
        </ScrollView>

        <!-- LinearLayout untuk tombol zoom yang selalu berada di
        bawah -->
        <LinearLayout
            android:id="@+id/linear_layout_buttons"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:gravity="center"

```

```
android:padding="16dp"
android:layout_alignParentBottom="true">
```

```
<Button
    android:id="@+id/button_zoom_in"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Zoom In"
    android:layout_marginEnd="16dp"/>
```

```
<Button
    android:id="@+id/button_zoom_out"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Zoom Out"/>
</LinearLayout>
```

```
</RelativeLayout>
```

activity_reminder_data.xml

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

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"/>
```

```
<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:id="@+id/srl_data"
    android:layout_marginTop="30dp"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
```

```
<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/rv_data"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:listitem="@layout/card_item_sunnah"
/>
```

```
</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>
```

```
<ProgressBar
    android:id="@+id/pb_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:visibility="invisible"
/>
```

```
</RelativeLayout>
```

Activity_splash_screen.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@color/colorAccent"
    tools:context=".SplashScreenActivity">
```

```
<ImageView
```

```
    android:id="@+id/logoImageView"
    android:layout_width="225dp"
    android:layout_height="456dp"
    android:src="@drawable/logorasul"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.265" />
```

```
<TextView
    android:id="@+id/appNameTextView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="SUNNAH RASULULLAH SEHARI-HARI"
    android:textAlignment="center"
    android:textColor="@color/colorPrimary"
    android:textSize="24sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
```

```
    app:layout_constraintTop_toBottomOf="@id/logoImageView"
    android:layout_marginTop="16dp"/>
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

activity_sub_data.xml

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

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent" />
```

```
<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:id="@+id/srl_data"
    android:layout_width="match_parent"
    android:layout_marginTop="30dp"
    android:layout_height="match_parent">
```

```
<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/rv_data"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:listitem="@layout/card_item_kategori"
/>
```

```
</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>
```

```
<ProgressBar
    android:id="@+id/pb_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:visibility="invisible"
/>
```

```
</RelativeLayout>
```

activity_sub_ubah.xml

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

```

xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:padding="16dp"
tools:context=".SubUbahActivity">

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Daftar Sunnah"
    android:textSize="22sp"
    android:textStyle="bold"
    android:layout_gravity="center"
    android:layout_marginBottom="30dp"
/>

<TextView
    android:id="@+id/tv_kategori"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:textSize="20sp"
    android:inputType="text"
/>

<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:id="@+id/srl_data"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/rv_data"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        tools:listitem="@layout/card_item_sunnah"
    />

</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>

<ProgressBar
    android:id="@+id/pb_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:visibility="invisible"
/>

</LinearLayout>

```

activity_sunnah_data.xml

```

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

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent" />

    <androidx.swiperefreshlayout.widget.SwipeRefreshLayout

```

```

        android:id="@+id/srl_data"
        android:layout_marginTop="30dp"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/rv_data"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            tools:listitem="@layout/card_item_sunnah"
        />

    </androidx.swiperefreshlayout.widget.SwipeRefreshLayout>

    <ProgressBar
        android:id="@+id/pb_data"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        android:visibility="invisible"
    />

</RelativeLayout>

```

activity_sunnah_ubah.xml

```

<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".SunnahUbahActivity">

    <!-- Konten yang bisa di-scroll -->
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_above="@+id/linear_layout_buttons">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:padding="16dp">

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="22sp"
                android:textStyle="bold"
                android:layout_gravity="center"
                android:layout_marginBottom="10dp"
            />

            <TextView
                android:id="@+id/tv_name"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:hint="Name"
                android:textStyle="bold"
                android:textSize="20sp"
                android:justificationMode="inter_word"
            />

            <ImageView
                android:id="@+id/tv_gambar"
                android:layout_gravity="center"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginBottom="4dp"
                android:layout_marginTop="4dp"
                android:scaleType="centerCrop"
                app:layout_constraintDimensionRatio="H,1:1"

```

```

app:layout_constraintEnd_toStartOf="@+id/guideline"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintBottom_toBottomOf="parent"
tools:src="@color/colorAccent" />

<LinearLayout
    android:id="@+id/play_buttons_container"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <TextView
        android:id="@+id/tv_username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Name"
        android:textSize="20sp"
        android:justificationMode="inter_word"
        android:gravity="start"/>

</LinearLayout>

<com.google.android.material.textfield.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <EditText
        android:id="@+id/et_level"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Level"
        android:textSize="20sp"
        android:inputType="text"
    />

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <EditText
        android:id="@+id/et_password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Password"
        android:textSize="20sp"
        android:inputType="text"
    />

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <EditText
        android:id="@+id/et_favorit"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="0"
        android:hint="Favorit"
        android:textSize="20sp"
        android:inputType="text"
    />

```

```

</com.google.android.material.textfield.TextInputLayout>

    <Button
        android:id="@+id/btn_favorit"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Favorite"
        android:layout_marginTop="30dp"
    />

    <Button
        android:id="@+id/btn_unfavorit"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Batalkan Favorite"
        android:layout_marginTop="30dp"
    />

</LinearLayout>

</ScrollView>

<!-- LinearLayout untuk tombol zoom yang selalu berada di
bawah -->
<LinearLayout
    android:id="@+id/linear_layout_buttons"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:gravity="center"
    android:padding="16dp"
    android:layout_alignParentBottom="true">

    <Button
        android:id="@+id/button_zoom_in"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Zoom In"
        android:layout_marginEnd="16dp" />

    <Button
        android:id="@+id/button_zoom_out"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Zoom Out" />

</LinearLayout>

</RelativeLayout>

```

activity_tentang_aplikasi.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">

    <TextView
        android:id="@+id/textViewTentangAplikasi"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Tentang Aplikasi"
        android:textSize="24sp"
        android:textStyle="bold"
        android:gravity="center"
        android:paddingBottom="16dp" />

    <ImageView
        android:src="@drawable/logoraasul2"
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:layout_gravity="center"
        android:layout_marginBottom="20dp"/>

```

```

<TextView
    android:id="@+id/textViewDeskripsi"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:textSize="16sp"
    android:justificationMode="inter_word"
    android:gravity="start"
    android:text="Aplikasi Sunnah ini dirancang untuk
memberikan informasi yang bermanfaat mengenai ajaran dan
praktik Sunnah yang dicontohkan oleh Nabi Muhammad SAW.
Melalui aplikasi ini, pengguna dapat mempelajari berbagai
aspek dari Sunnah, termasuk definisi, jenis-jenis, serta
pentingnya mengikuti Sunnah dalam kehidupan sehari-hari."
    android:lineSpacingMultiplier="1.2" />

</LinearLayout>

```

card_item_kategori.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.cardview.widget.CardView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="6dp">

    <LinearLayout

        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="6dp">

        <TextView
            android:id="@+id/tv_id"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Id User"
            android:visibility="gone" />

        <TextView
            android:id="@+id/tv_kategori"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="kategori"
            android:textSize="22sp"
            android:textStyle="bold" />

        <TextView
            android:id="@+id/tv_subkategori"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="subkategori"
            android:textSize="22sp"
            android:textColor="@color/colorPrimary"
            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>

```

card_item_sunnah.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.cardview.widget.CardView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="6dp">

    <LinearLayout

        android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="6dp">

```

```

<TextView
    android:id="@+id/tv_id"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Id User"
    android:visibility="gone" />

```

```

<TextView
    android:id="@+id/tv_name"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Name"
    android:textSize="22sp"
    android:textStyle="bold" />

```

```

<TextView
    android:id="@+id/tv_username"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Username"
    android:textStyle="bold"
    android:textSize="22sp"
    />

```

```

<TextView
    android:id="@+id/tv_password"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Password"
    android:textStyle="bold"
    android:textSize="22sp" />

```

```

<TextView
    android:id="@+id/tv_level"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="Level"
    android:textSize="22sp" />

```

```

<TextView
    android:id="@+id/tv_favorit"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="favorit"
    android:textSize="22sp" />

```

```

<TextView
    android:id="@+id/gambar"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="4dp"
    android:scaleType="centerCrop"
    android:textSize="20dp"
    android:text="gambar"
    />

```

```

<TextView
    android:id="@+id/audio"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="4dp"
    android:scaleType="centerCrop"
    android:textSize="20dp"
    android:text="audio"
    />

```

```

</LinearLayout>

```

```

</androidx.cardview.widget.CardView>

```



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

PROPOSAL

Mahasiswa : SELFIANA	Pembimbing I : Ahmad Selao, S.T.P., M.Sc
NIM : 220280003	Pembimbing II : Ir. Untung Suwardoyo, S.Kom., M.T., I.P.P.
Judul Skripsi : RANCANGAN APLIKASI PEMBELAJARAN HADITS BERBASIS ANDROID	

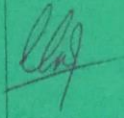
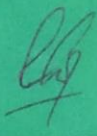
ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1 Keperluan terkait kebutuhan has software user sistem & tampilan & lap. top / PC mgs		Konsultasi 1 Cari referensi terkait penelitian terdahulu.	
Konsultasi 2 & Interface lebih lanjut proses search / filter		Konsultasi 2 - Latar Belakang - Rumusan masalah - Batasan masalah - Alat dan bahan	
Konsultasi 3 Literature review & sertakan model / rumus yg & maknanya		Konsultasi 3 - Latar belakang - Kerangka pikir - Flowchart - penambahan fitur reminder	
Konsultasi 4 Revisi test to Audio		Konsultasi 4 Perbaikan flowchart	
Konsultasi 5 Aca & proposal		Konsultasi 5 - Perbaikan laras penulisan	

Lanjut ke halaman sebelah...

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing
3. Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
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 Perbaikan gambar pemilihan flowchart	
Konsultasi 7		Konsultasi 7 Acc	
Konsultasi 8		Konsultasi 8	
Konsultasi 9		Konsultasi 9	
Konsultasi 10		Konsultasi 10	

Parepare, 21 Maret 2024

Mengetahui
Ketua Program Studi

Mahasiswa


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

SELFIANA
NIM. 220280003

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing
3. Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
4. Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak timbal balik



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

SKRIPSI

Mahasiswa : SELFIANA	Pembimbing I : Ahmad Selao, S.T.P., M.Sc
NIM : 220280003	Pembimbing II : Ir. Untung Suwardoyo, S.Kom., M.T., I.P.P.
Judul Skripsi : APLIKASI KUMPULAN SUNNAH RASULULLAH SEHARI-HARI BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1 Sinkronisasi antara mobile, mesulal, majas penelitian		Konsultasi 1 Print laporan.	
Konsultasi 2 Referensi yang digunakan tahun 2020 keatas		Konsultasi 2 → Kertas Pak → Rakeri PB → Jelaskan hap. bambor	
Konsultasi 3 Metode berisi tahapan & algoritma penelitian		Konsultasi 3 Print laporan.	
Konsultasi 4 Hasil interface/program agar memudahkan Atg ketang program yg		Konsultasi 4 Kesimpulan dan Relasi database	
Konsultasi 5 Semua! Ace		Konsultasi 5 Ace	

Lanjut ke halaman sebelah...

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing
3. Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
4. Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak timbal balik



SERTIFIKAT

Nomor : 313/PRK/LB-TI/II.3.AU/D/2023

Diberikan Kepada :

Selfiana

NIM. 220280003

Telah Menyelesaikan

PRAKTIKUM III

Laboratorium Teknik Informatika

Program Studi Teknik Informatika Fakultas Teknik

Universitas Muhammadiyah Parepare

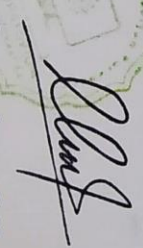
Pada tanggal 16 Januari 2023 - 29 Maret 2023

Parepare, 15 Juni 2023

**KETUA PRODI
TEKNIK INFORMATIKA**


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SERTIFIKAT

Nomor : 138/PRK/LB-TI/11.3.AU/D/2022

diberikan kepada :

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telah menyelesaikan

PRAKTIKUM IV

Laboratorium Teknik Informatika
Program Studi Teknik Informatika Fakultas Teknik
Universitas Muhammadiyah Parepare

Pada tanggal 14 September 2022 - 25 Desember 2022

Parepare, 02 Januari 2023

**KETUA PRODI
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PRAKTIKUM V

Laboratorium Teknik Informatika

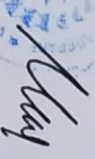
Program Studi Teknik Informatika Fakultas Teknik

Universitas Muhammadiyah Parepare

Pada tanggal 18 September - 16 Desember 2023

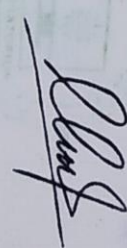
Parepare, 03 Januari 2024

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