**APLIKASI E-COMMERCE (E-TEMPELLEMAHBANG) BERBASIS ANDROID**

Oleh

**BAYU PRASETYA ADJI SUGIYARTO**

**A11.2019.11688**

Tugas diajukan sebagai salah satu syarat

Untuk menyelesaikan Mata Kuliah Pemrograman Perangkat Bergerak



**FAKULTAS ILMU KOMPUTER**

**TEKNIK INFORMATIKA**

**UNIVERSITAS DIAN NUSWANTORO**

**SEMARANG**

**2021**

DAFTAR ISI

[1 Latar Belakang 2](#_Toc87387369)

[2 Analisa dan Desain Aplikasi (OOP), Pemodelan UML 2](#_Toc87387370)

[2.1 Analisa Kebutuhan User 2](#_Toc87387371)

[2.2 Analisa Kebutuhan Hadrware dan Software 2](#_Toc87387372)

[2.3 Diagram Use Case 3](#_Toc87387373)

[2.4 Diagram Class 4](#_Toc87387374)

[2.5 Diagram Aktivitas 5](#_Toc87387375)

[2.6 Desain Database dan Table 5](#_Toc87387376)

[2.7 Desain Input dan Output 6](#_Toc87387377)

[2.7.1 Desain Input 6](#_Toc87387378)

[2.7.2 Desain Output 7](#_Toc87387379)

[3 Implementasi Sistem 7](#_Toc87387380)

[4 Kesimpulan 9](#_Toc87387381)

[5 References 10](#_Toc87387382)

[6 Lampiran Source Program 11](#_Toc87387383)

# Latar Belakang

Perkembangan teknologi informatika telah berkembang pesat dan mempengaruhi hampir semua aspek kehidupan, salah satu media informasi tersebut adalah internet. Internet dapat dimanfaatkan menjadi banyak hal, salah satunya sebagai media jual-beli (*E-Commerce*). Kami pun juga berusaha memanfaatkan teknologi ini sebaik mungkin dan akhirnya kami memutuskan untuk membuat Aplikasi Desa Wisata Tempellemahbang.

Aplikasi ini kami buat karena kami ingin memajukan dan mempermudah desa wisata dalam menjual produk andalan mereka tanpa perlu memasang iklan yang ter lalu banyak, dan melakukan transaksi dengan aman,cepat dan mudah dengan melalui aplikasi.

# Analisa dan Desain Aplikasi (OOP), Pemodelan UML

## Analisa Kebutuhan User

Analisa kebutuhan pegguna berfokusa pada aplikasi Tempellemahbang :

|  |  |
| --- | --- |
| **Kategori Pengguna** | **Aktivitas** |
| Pelanggan / pengunjung | 1. Dapat melakukan pendaftaran akun 2. Dapat melakukan transaksi 3. Dapat megubah akun(*username* dan *password*) 4. Dapat melihat berbagai macam produk 5. Dapat Login dengan *username* dan *password* yang telah didaftarkan 6. Dapat melihat tampilan Pembayaran |
| Admin | 1. Dapat mengubah, menghapus, menambahkan produk 2. Dapat melihat data pembayaran 3. Dapat melihat, mengubah, menghapus, menambahkan data pelanggan. |

## Analisa Kebutuhan Hadrware dan Software

Adapun perangkat keras dan perangkat lunak yang penulis usulkan adalah *Handphone* yang mempunyai spesifikasi sebagai berikut :

1. Processor : kecepatan 1 Ghz
2. Memory Size (RAM) : 1 GB
3. Storage : 16 GB
4. Android Version : 4.4 KitKat atau terbaru

## Diagram Use Case

Diagram

Description automatically generated

## Diagram Class

Diagram

Description automatically generated

## Diagram Aktivitas

Diagram

Description automatically generated

## Desain Database dan Table

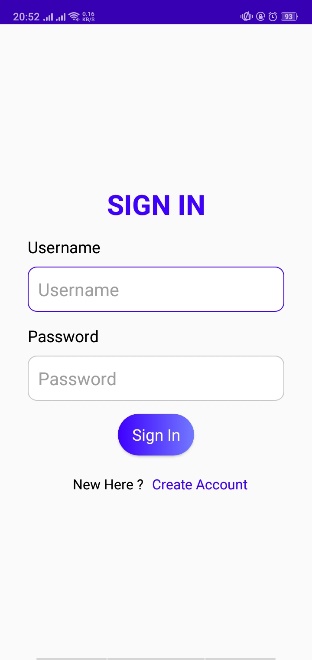
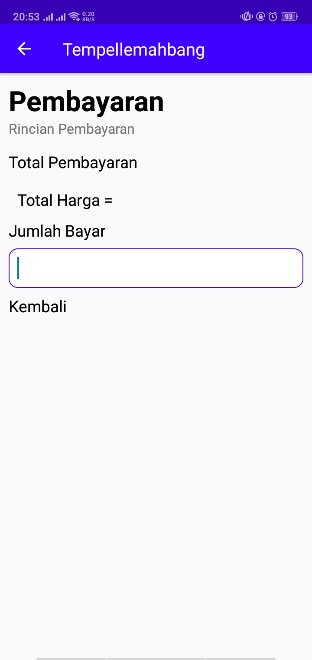
Kami tidak menggunakan database dan tabel melainkan kami menggunakan *Shared Preferences* dari aplikasi tersebut, berikut ini isi dari *Shared Preferences.*

Nama : account

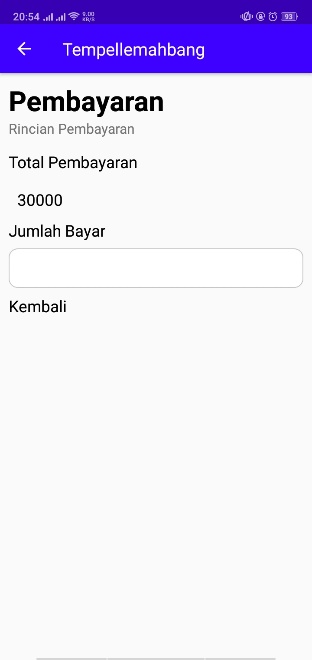
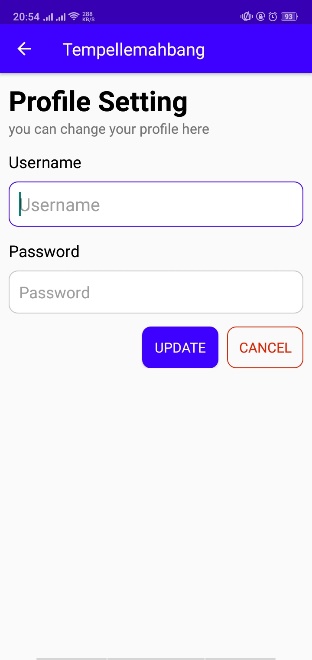
Key : nama, username, password

## Desain Input dan Output

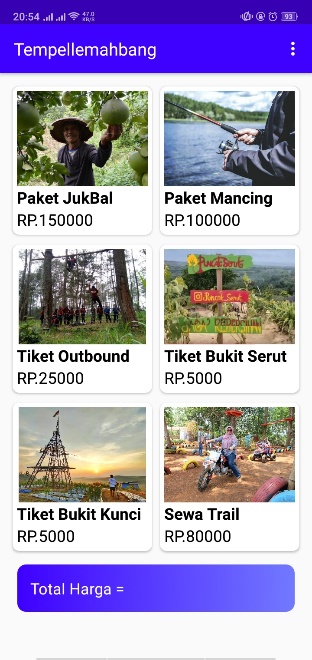
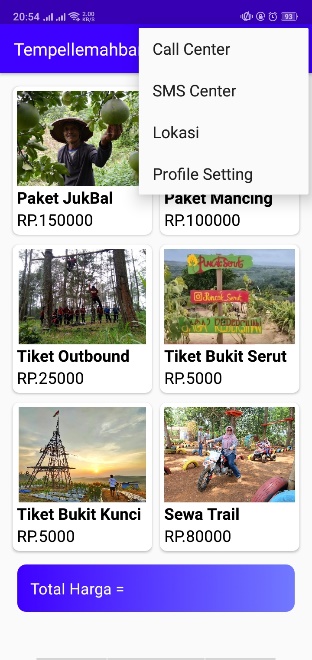
### Desain Input

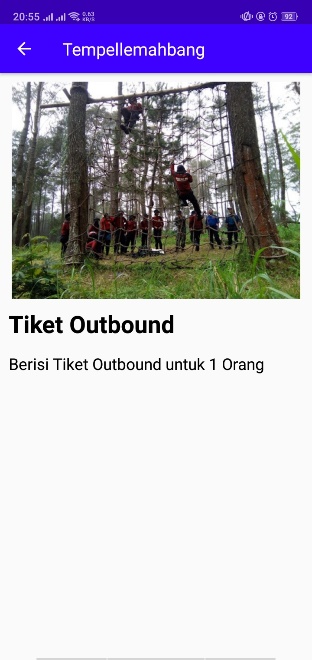
Graphical user interface, text, application

Description automatically generated



### Desain Output





# Implementasi Sistem

Berikut penjelasan implementasi sistem aplikasi tempellemahbang :

1. Aplikasi dapat di install di android versi 4.4 keatas
2. Pengguna membuka aplikasi lalu akan diarahkan ke halaman *Sign In / login*
3. Jika pengguna belum memiliki akun, maka dapat beralih ke halaman *Sign Up* untuk mendaftarkan akun dengan menginput nama lengkap, uasername dan password.
4. Setelah mendaftar akun, pengguna dapat melakukan *sign in* langsung.
5. Setelah *Sign in* berhasil, pengguna akan diarahkan ke halaman dashboard/menu utama yang berisi paket dan tiket wahana.
6. Pegguna dapat melihat deskripsi produk dengan menekan nama produk yang ada.
7. Pengguna dapat memilih produk makanan apa saja unnutk melakukan pemesanan dengan cara megeklik gambar pada setiap menu dan secara otomatis akan dihitung totalnya
8. Pengguna dapat langsung melakukan checkout dan pembayaran dengan cara mengklik total harga.
9. Jika mengisi kolom pembayaran sistem secara otomatis menghitung kembalian.
10. Pengguna dapat mengganti username, dan password miliknya melalui menu setting di pojok kanan atas.

Dan Kami membuat video tutorial pengguna di link youtube berikut :

<https://youtu.be/ceTKTO_bHPU>

PENUTUP

# Kesimpulan

Jadi dari aplikasi tempellemahbang kami mengharapkan dengan adanya aplikasi ini desa wisata Tempellemahbang semakin berkembang maju dan efisien dalam pelayanan pengunung – pengunjung desata wisata Tempellemahbang

DAFTAR PUSTAKA

# References

Diagram, A. (2021, March 10). *dicoding*. Retrieved from https://www.dicoding.com/blog/apa-itu-activity-diagram/

Diagram, C. (2021, October 13). *dicoding*. Retrieved from https://www.dicoding.com/blog/memahami-class-diagram-lebih-baik/

Diagram, U. C. (2021, Mei 19). *dicoding*. Retrieved from https://www.dicoding.com/blog/contoh-use-case-diagram/

e-Commerce. (2021, June 18). *NiagaHoster*. Retrieved from https://www.niagahoster.co.id/blog/apa-itu-ecommerce/

LAMPIRAN SOURCE PROGRAM

# Lampiran Source Program

Link Youtube :

<https://youtu.be/ceTKTO_bHPU>

Code :

Android-manifest.xml

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

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

    package="com.example.ayamku">

    <application

        android:allowBackup="true"

        android:icon="@mipmap/ic\_launcher"

        android:label="@string/app\_name"

        android:roundIcon="@mipmap/ic\_launcher\_round"

        android:supportsRtl="true"

        android:theme="@style/Theme.Ayamku">

        <activity

            android:name=".DetailProduk"

            android:exported="false"

            android:parentActivityName=".MainActivity"/>

        <activity

            android:name=".Pembayaran"

            android:exported="false"

            android:parentActivityName=".MainActivity"/>

        <activity

            android:name=".profilesetting"

            android:exported="false"

            android:parentActivityName=".MainActivity"/>

        <activity

            android:name=".Registrasi"

            android:exported="false" />

        <activity

            android:name=".Login"

            android:exported="false" />

        <activity

            android:name=".SplashScreen"

            android:exported="true">

            <intent-filter>

                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />

            </intent-filter>

        </activity>

        <activity

            android:name=".MainActivity"

            android:exported="false" />

    </application>

</manifest>

**Java :**

Aplashscreen.java

package com.example.ayamku;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.os.Handler;

public class SplashScreen extends AppCompatActivity {

    Handler h = new Handler();

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_splash\_screen);

        if (getSupportActionBar() != null) {

            getSupportActionBar().hide();

        }

        h.postDelayed(new Runnable() {

            @Override

            public void run() {

                Intent i = new Intent(SplashScreen.this, Login.class);

                startActivity(i);

                finish();

            }

        },3000);

    }

}

Login.java

package com.example.ayamku;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;

import android.content.Intent;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;

public class Login extends AppCompatActivity {

    private SharedPreferences mPreferences;

    private String mSharedPrefFile = "account";

    EditText username, password;

    Intent intent;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_login);

        if (getSupportActionBar() != null) {

            getSupportActionBar().hide();

        }

        username = findViewById(R.id.username);

        password = findViewById(R.id.password);

    }

    public void login(View view){

        mPreferences = getSharedPreferences(mSharedPrefFile, Activity.MODE\_PRIVATE);

        if ((username.getText().toString().equals(mPreferences.getString("username", null))) &&(password.getText().toString().equals(mPreferences.getString("password", null))))

        {

            Preferences.setLoggedInUser(getBaseContext(),Preferences.getRegisteredUser(getBaseContext()));

            Preferences.setLoggedInStatus(getBaseContext(),true);

            Toast.makeText(getApplicationContext(), "Login Berhasil", Toast.LENGTH\_SHORT).show();

            intent = new Intent(Login.this,MainActivity.class);

            startActivity(intent);

            finish();

        }else{

            Toast.makeText(getApplicationContext(), "Login Gagal", Toast.LENGTH\_SHORT).show();

        }

    }

    public void registrasi(View view){

        Intent i = new Intent(this, Registrasi.class);

        startActivity(i);

    }

    @Override

    public void onBackPressed() {

        finishAffinity();

    }

}

Registrasi.java

package com.example.ayamku;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;

import android.content.Intent;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;

public class Registrasi extends AppCompatActivity {

    private SharedPreferences mPreferences;

    private String mSharedPrefFile = "account";

    EditText nama\_lengkap, username, password;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_registrasi);

        if (getSupportActionBar() != null) {

            getSupportActionBar().hide();

        }

        nama\_lengkap = findViewById(R.id.namalengkap);

        username = findViewById(R.id.username);

        password = findViewById(R.id.password);

    }

    public void signup(View view){

        mPreferences = getSharedPreferences(mSharedPrefFile, Activity.MODE\_PRIVATE);

        SharedPreferences.Editor editor = mPreferences.edit();

        editor.putString("nama", nama\_lengkap.getText().toString());

        editor.putString("username", username.getText().toString());

        editor.putString("password", password.getText().toString());

        editor.commit();

        Toast.makeText(getApplicationContext(), "Berhasil Simpan", Toast.LENGTH\_SHORT).show();

        Intent i = new Intent(this, Login.class);

        startActivity(i);

    }

    public void login(View view) {

        Intent i = new Intent(this, Login.class);

        startActivity(i);

        nama\_lengkap.setText("");

        username.setText("");

        password.setText("");

    }

}

Preferences.java

package com.example.ayamku;

import android.content.Context;

import android.content.SharedPreferences;

import android.preference.PreferenceManager;

public class Preferences {

    static final String KEY\_USER\_TEREGISTER = "user",KEY\_PASS\_TEREGISTER ="pass";

    static final String KEY\_USERNAME\_SEDANG\_LOGIN = "Username\_logged\_in";

    static final String KEY\_STATUS\_SEDANG\_LOGIN = "Status\_logged\_in";

    private static SharedPreferences getSharedPreference(Context context){

        return PreferenceManager.getDefaultSharedPreferences(context);

    }

    public static String  getRegisteredUser(Context context){

        return getSharedPreference(context).getString(KEY\_USER\_TEREGISTER,"");

    }

    public static void setLoggedInUser(Context context, String username){

        SharedPreferences.Editor editor = getSharedPreference(context).edit();

        editor.putString(KEY\_USERNAME\_SEDANG\_LOGIN, username);

        editor.apply();

    }

    public static void setLoggedInStatus(Context context, boolean status){

        SharedPreferences.Editor editor = getSharedPreference(context).edit();

        editor.putBoolean(KEY\_STATUS\_SEDANG\_LOGIN, status);

        editor.apply();

    }

    public static void clearLoggedInUser(Context context){

        SharedPreferences.Editor editor = getSharedPreference(context).edit();

        editor.remove(KEY\_USERNAME\_SEDANG\_LOGIN);

        editor.remove(KEY\_STATUS\_SEDANG\_LOGIN);

        editor.apply();

    }

}

MainActivity.java

package com.example.ayamku;

import androidx.annotation.NonNull;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import androidx.recyclerview.widget.GridLayoutManager;

import androidx.recyclerview.widget.RecyclerView;

import android.content.Intent;

import android.content.res.TypedArray;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.view.MotionEvent;

import android.view.View;

import android.widget.AutoCompleteTextView;

import android.widget.TextView;

import java.util.ArrayList;

import java.util.zip.Inflater;

public class MainActivity extends AppCompatActivity implements homeadapter.OnNoteListener {

    RecyclerView recyclerView;

    RecyclerView.LayoutManager LayoutManager;

    homeadapter adapter;

    ArrayList<home> data;

    public String total2;

    public TextView totalView;

    public TextView price;

    public int total\_harga\_integer;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_main);

        data = new ArrayList<>();

        totalView = (TextView)  findViewById(R.id.total);

        price = (TextView) findViewById(R.id.harga) ;

        total\_harga\_integer = 0;

        recyclerView = findViewById(R.id.recycle\_view);

        recyclerView.setHasFixedSize(true);

        LayoutManager = new GridLayoutManager(this,2);

        recyclerView.setLayoutManager(LayoutManager);

        data = new ArrayList<>();

        for (int i = 0; i< Menuitem.title.length; i++){

            data.add(new home(

                    Menuitem.title[i],

                    Menuitem.harga[i],

                    Menuitem.image[i]

            ));

        }

        adapter = new homeadapter(data, this, this);

        recyclerView.setAdapter(adapter);

        totalView.setOnClickListener(new View.OnClickListener() {

            public void onClick(View view) {

                total2 = totalView.getText().toString();

                Intent intent = new Intent(MainActivity.this, Pembayaran.class);

                intent.putExtra("TOTALTAGIHAN", total2);

                startActivity(intent);

            }

        });

    }

    public void onNoteClick(int position) {

        int i = Integer.parseInt(Menuitem.harga[position]);

        total\_harga\_integer = total\_harga\_integer+i;

        totalView.setText(""+total\_harga\_integer);

    }

    // menu

    @Override

    public boolean onCreateOptionsMenu(Menu menu) {

        // Inflate the menu; this adds items to the action bar if it is present.

        MenuInflater inflater = getMenuInflater();

        inflater.inflate(R.menu.optionmenu, menu);

        //getMenuInflater().inflate(R.menu.menu\_main, menu);

        return true;

    }

    public boolean onOptionsItemSelected(MenuItem item) {

        if (item.getItemId()==R.id.profil){

            startActivity(new Intent(this, profilesetting.class));

        }

        return true;

    }

}

Detailproduk.java

package com.example.ayamku;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.widget.ImageView;

import android.widget.TextView;

public class DetailProduk extends AppCompatActivity {

    TextView textDefault;

    TextView descDefault;

    ImageView imageDefault;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_detail\_produk);

        textDefault = findViewById(R.id.titlename);

        descDefault = findViewById(R.id.deskripsi);

        imageDefault = findViewById(R.id.gambardetail);

        Intent i = getIntent();

        int logoAplikasi = i.getIntExtra("GAMBAR\_DEFAULT", 0);

        String nAplikasi = i.getStringExtra("TEKS\_DEFAULT");

        String dAplikasi = i.getStringExtra("DESC\_DEFAULT");

        imageDefault.setImageResource(logoAplikasi);

        textDefault.setText(nAplikasi);

        descDefault.setText(dAplikasi);

    }

}

Home.java

package com.example.ayamku;

public class home {

    private String title;

    private String harga;

    private int image;

    public home (String title, String harga, int image){

        this.title = title;

        this.harga = harga;

        this.image = image;

    }

    public String getTitle(){

        return title;

    }

    public String getHarga(){

        return harga;

    }

    public int getImage(){

        return image;

    }

}

Homeadapter.java

package com.example.ayamku;

import android.content.Context;

import android.content.Intent;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.annotation.NonNull;

import androidx.recyclerview.widget.RecyclerView;

import java.util.ArrayList;

public class homeadapter extends RecyclerView.Adapter<homeadapter.ViewHolder> {

    ArrayList<home> data;

    OnNoteListener mOnNoteListener;

    Context mContext;

    @NonNull

    @Override

    public homeadapter.ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {

        View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.list\_main, parent, false);

        return new ViewHolder(view,mOnNoteListener);

    }

    @Override

    public void onBindViewHolder(@NonNull homeadapter.ViewHolder holder, int position) {

        TextView text\_nama = holder.textNama;

        TextView text\_harga = holder.textHarga;

        ImageView i\_gambar = holder.gambar;

        text\_nama.setText(data.get(position).getTitle());

        text\_harga.setText("RP."+data.get(position).getHarga());

        i\_gambar.setImageResource(data.get(position).getImage());

        holder.textNama.setOnClickListener(v ->{

//            Toast.makeText(mContext,data.get(position).getTitle(), Toast.LENGTH\_SHORT).show();

            if (data.get(position).getTitle().equals("Paket JukBal")){

                Intent i = new Intent(mContext, DetailProduk.class);

                i.putExtra("GAMBAR\_DEFAULT", R.drawable.jerukbali);

                i.putExtra("TEKS\_DEFAULT", "Paket JukBal");

                i.putExtra("DESC\_DEFAULT", "Berisi Tiket kebun jeruk bali, 1kg buah jeruk bali dan Tour guide kebun jeruk bali");

                mContext.startActivity(i);

            }

            if (data.get(position).getTitle().equals("Paket Mancing")){

                Intent i = new Intent(mContext, DetailProduk.class);

                i.putExtra("GAMBAR\_DEFAULT", R.drawable.mancing);

                i.putExtra("TEKS\_DEFAULT", "Paket Mancing");

                i.putExtra("DESC\_DEFAULT", "Berisi Tiket Mancing dan Sewa Alat pancing");

                mContext.startActivity(i);

            }

            if (data.get(position).getTitle().equals("Tiket Outbound")){

                Intent i = new Intent(mContext, DetailProduk.class);

                i.putExtra("GAMBAR\_DEFAULT", R.drawable.outbound);

                i.putExtra("TEKS\_DEFAULT", "Tiket Outbound");

                i.putExtra("DESC\_DEFAULT", "Berisi Tiket Outbound untuk 1 Orang ");

                mContext.startActivity(i);

            }

            if (data.get(position).getTitle().equals("Tiket Bukit Serut")){

                Intent i = new Intent(mContext, DetailProduk.class);

                i.putExtra("GAMBAR\_DEFAULT", R.drawable.puncakserut);

                i.putExtra("TEKS\_DEFAULT", "Tiket Bukit Serut");

                i.putExtra("DESC\_DEFAULT", "Berisi Tiket Bukit Serut untuk 1 orang");

                mContext.startActivity(i);

            }

            if (data.get(position).getTitle().equals("Tiket Bukit Kunci")){

                Intent i = new Intent(mContext, DetailProduk.class);

                i.putExtra("GAMBAR\_DEFAULT", R.drawable.bukitkunci);

                i.putExtra("TEKS\_DEFAULT", "Tiket Bukit Kunci");

                i.putExtra("DESC\_DEFAULT", "Berisi Tiket Bukit Kunci untuk 1 orang");

                mContext.startActivity(i);

            }

            if (data.get(position).getTitle().equals("Sewa Trail")){

                Intent i = new Intent(mContext, DetailProduk.class);

                i.putExtra("GAMBAR\_DEFAULT", R.drawable.trail);

                i.putExtra("TEKS\_DEFAULT", "Sewa Trail");

                i.putExtra("DESC\_DEFAULT", "Harga Sewa Motor Trail per jam");

                mContext.startActivity(i);

            }

        });

    }

    @Override

    public int getItemCount() {

        return data.size();

    }

    public class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener{

        TextView textNama,textHarga;

        ImageView gambar;

        OnNoteListener onNoteListener;

        private OnNoteListener mOnNoteListener;

        public ViewHolder (@NonNull View itemView, OnNoteListener onNoteListener){

            super(itemView);

            gambar = itemView.findViewById(R.id.image);

            textNama = itemView.findViewById(R.id.title);

            textHarga = itemView.findViewById(R.id.harga);

            this.onNoteListener = onNoteListener;

            itemView.setOnClickListener(this);

        }

        @Override

        public void onClick(View view) {

            onNoteListener.onNoteClick(getAdapterPosition());

        }

    }

    homeadapter(ArrayList<home> data, OnNoteListener onNoteListener, Context context){

        this.data = data;

        this.mContext = context;

        this.mOnNoteListener = onNoteListener;

    }

    public interface OnNoteListener{

        void onNoteClick(int position);

    }

}

Menuitem.java

package com.example.ayamku;

public class Menuitem {

    static int[] image = {

      R.drawable.jerukbali, R.drawable.mancing, R.drawable.outbound,

            R.drawable.puncakserut,R.drawable.bukitkunci,R.drawable.trail

    };

    static String[] title = {

            "Paket JukBal", "Paket Mancing", "Tiket Outbound", "Tiket Bukit Serut", "Tiket Bukit Kunci", "Sewa Trail"

    };

    static String[] harga = {

            "150000", "100000", "25000", "5000", "5000", "80000",

    };

}

Pembayaran.java

package com.example.ayamku;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.text.Editable;

import android.text.TextWatcher;

import android.widget.EditText;

import android.widget.TextView;

public class Pembayaran extends AppCompatActivity {

    private EditText kembalian, bayaran, editagihan;

    TextView tagihan;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_pembayaran);

        kembalian = (EditText) findViewById(R.id.kembali);

        bayaran = (EditText) findViewById(R.id.jumlahbayar);

        editagihan = (EditText) findViewById(R.id.transaksi);

        tagihan = findViewById(R.id.transaksi);

        Intent intent = getIntent();

        String angka = intent.getStringExtra("TOTALTAGIHAN");

        tagihan.setText(angka);

        editagihan.addTextChangedListener(new TextWatcher() {

            public void beforeTextChanged(CharSequence s, int start, int count, int after) {

            }

            public void onTextChanged(CharSequence s, int start, int before, int count) {

                kembalian.setText(addNumbers());

            }

            public void afterTextChanged(Editable s) {

            }

        });

        bayaran.addTextChangedListener(new TextWatcher() {

            public void beforeTextChanged(CharSequence s, int start, int count, int after) {

            }

            public void onTextChanged(CharSequence s, int start, int before, int count) {

                kembalian.setText(addNumbers());

            }

            public void afterTextChanged(Editable s) {

            }

        });

    }

    private String addNumbers() {

        int angka1;

        int angka2, sum;

        String angkahasil;

        if (bayaran.getText().toString() != "" && bayaran.getText().length() > 0) {

            angka1 = Integer.parseInt(bayaran.getText().toString());

        } else {

            angka1 = 0;

        }

        if (editagihan.getText().toString() != "" && editagihan.getText().length() > 0) {

            angka2 = Integer.parseInt(editagihan.getText().toString());

        } else {

            angka2 = 0;

        }

        if (angka1 - angka2 <= 0) {

            sum = 0;

            angkahasil = Integer.toString(sum);

            return angkahasil;

        } else {

            angkahasil = Integer.toString(angka1 - angka2);

            return angkahasil;

        }

    }

}

Profilesetting.java

package com.example.ayamku;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;

import android.content.Intent;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class profilesetting extends AppCompatActivity {

    private SharedPreferences mPreferences;

    private String mSharedPrefFile = "account";

    EditText user, pass;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_profilesetting);

        user = findViewById(R.id.edituser);

        pass = findViewById(R.id.editpass);

    }

    public void update(View view){

        mPreferences = getSharedPreferences(mSharedPrefFile, Activity.MODE\_PRIVATE);

        SharedPreferences.Editor editor = mPreferences.edit();

        editor.putString("username", user.getText().toString());

        editor.putString("password", pass.getText().toString());

        editor.commit();

        Toast.makeText(getApplicationContext(), "Berhasil Simpan", Toast.LENGTH\_SHORT).show();

        Intent i = new Intent(this, MainActivity.class);

        startActivity(i);

    }

    public void btnCancel(View view){

        Intent i = new Intent(this, MainActivity.class);

        startActivity(i);

    }

}

**Layout :**

Activity Splashscreen.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:gravity="center"

    tools:context=".SplashScreen">

    <ImageView

        android:layout\_width="wrap\_content"

        android:layout\_height="wrap\_content"

        android:src="@drawable/lg\_splash"/>

</LinearLayout>

Activity\_login.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:layout\_marginVertical="10dp"

    android:layout\_marginHorizontal="32dp"

    android:orientation="vertical"

    android:gravity="center"

    tools:context=".Login">

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="SIGN IN"

        android:textAlignment="center"

        android:textSize="28sp"

        android:textStyle="bold"

        android:textColor="@color/blue"

        />

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Username "

        android:textSize="16sp"

        android:textColor="@color/black"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:id="@+id/username"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:lines="1"

        android:singleLine="true"

        android:padding="12dp"

        android:background="@drawable/custom\_input"

        android:hint="Username"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:textSize="16sp"

        android:text="Password"

        android:textColor="@color/black"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/password"

        android:hint="Password"

        android:lines="1"

        android:singleLine="true"

        android:padding="12dp"

        android:background="@drawable/custom\_input"

        android:inputType="textPassword"/>

    <Button

        android:layout\_width="wrap\_content"

        android:layout\_height="wrap\_content"

        android:text="Sign In"

        android:id="@+id/btn\_login"

        android:layout\_marginTop="15dp"

        android:textSize="16sp"

        android:onClick="login"

        android:textColor="@color/white"

        android:background="@drawable/custombutton"

        android:textAllCaps="false"

        />

    <LinearLayout

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:orientation="horizontal"

        android:gravity="center">

        <TextView

            android:layout\_width="wrap\_content"

            android:layout\_height="wrap\_content"

            android:text="New Here ?"

            android:textSize="14sp"

            android:layout\_marginTop="8dp"

            android:padding="10dp"

            android:textColor="@color/black"/>

        <TextView

            android:id="@+id/createacc"

            android:layout\_width="wrap\_content"

            android:layout\_height="wrap\_content"

            android:text="Create Account"

            android:textSize="14sp"

            android:textColor="@color/bluelight"

            android:onClick="registrasi"

            android:layout\_marginTop="8dp"/>

    </LinearLayout>

</LinearLayout>

Activity\_registrasi.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:layout\_marginVertical="10dp"

    android:layout\_marginHorizontal="32dp"

    android:orientation="vertical"

    android:gravity="center"

    tools:context=".Registrasi">

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="SIGN UP"

        android:textAlignment="center"

        android:textSize="28sp"

        android:textStyle="bold"

        android:textColor="@color/blue"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Nama Lengkap"

        android:textColor="@color/black"

        android:textSize="16sp"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:id="@+id/namalengkap"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:hint="Nama Lengkap"

        android:lines="1"

        android:padding="12dp"

        android:background="@drawable/custom\_input"

        android:singleLine="true"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:textColor="@color/black"

        android:text="Username"

        android:textSize="16sp"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:id="@+id/username"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:hint="Username"

        android:lines="1"

        android:padding="12dp"

        android:background="@drawable/custom\_input"

        android:singleLine="true"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:text="Password"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/password"

        android:hint="Password"

        android:lines="1"

        android:singleLine="true"

        android:padding="12dp"

        android:background="@drawable/custom\_input"

        android:inputType="textPassword"/>

    <Button

        android:layout\_width="wrap\_content"

        android:layout\_height="wrap\_content"

        android:text="Sign Up"

        android:id="@+id/btn\_login"

        android:layout\_marginTop="15dp"

        android:onClick="signup"

        android:textSize="16sp"

        android:textColor="@color/white"

        android:background="@drawable/custombutton"

        android:textAllCaps="false"/>

    <LinearLayout

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:orientation="horizontal"

        android:gravity="center">

        <TextView

            android:layout\_width="wrap\_content"

            android:layout\_height="wrap\_content"

            android:text="have an account ?"

            android:textSize="14sp"

            android:layout\_marginTop="8dp"

            android:textColor="@color/black"

            android:padding="10dp"/>

        <TextView

            android:layout\_width="wrap\_content"

            android:layout\_height="wrap\_content"

            android:text="Login"

            android:textSize="14sp"

            android:textColor="@color/bluelight"

            android:onClick="login"

            android:layout\_marginTop="8dp"/>

    </LinearLayout>

</LinearLayout>

Content\_main.xml

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:orientation="vertical"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent">

    <androidx.recyclerview.widget.RecyclerView

        android:id="@+id/recycle\_view"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"/>

    <TextView

        android:id="@+id/total"

        android:layout\_margin="10dp"

        android:padding="15dp"

        android:background="@drawable/customtotlbox"

        android:textSize="18dp"

        android:text="Total Harga = "

        android:textColor="@color/white"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        />

</LinearLayout>

List\_main.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"

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

    app:cardCornerRadius="8dp"

    app:cardUseCompatPadding="true">

    <LinearLayout

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:orientation="vertical"

        android:padding="5dp"

        android:backgroundTint="@color/white">

        <ImageView

            android:id="@+id/image"

            android:layout\_width="370dp"

            android:layout\_height="110dp"

            android:layout\_gravity="center"/>

        <TextView

            android:id="@+id/title"

            android:layout\_width="match\_parent"

            android:layout\_height="wrap\_content"

            android:textColor="@color/black"

            android:textSize="16sp"

            android:textStyle="bold"/>

        <TextView

            android:id="@+id/harga"

            android:textColor="@color/black"

            android:layout\_width="match\_parent"

            android:layout\_height="wrap\_content"

            android:textSize="16sp" />

    </LinearLayout>

</androidx.cardview.widget.CardView>

Activity\_main.xml

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

<androidx.coordinatorlayout.widget.CoordinatorLayout

    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:layout\_marginHorizontal="10dp"

    android:layout\_marginVertical="10dp"

    tools:context=".MainActivity">

    <ScrollView

        android:layout\_width="match\_parent"

        android:layout\_height="match\_parent">

        <include layout="@layout/content\_main"/>

    </ScrollView>

</androidx.coordinatorlayout.widget.CoordinatorLayout>

Detail\_produk.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:orientation="vertical"

    android:layout\_marginVertical="10dp"

    android:layout\_marginHorizontal="10dp"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    tools:context=".DetailProduk">

    <ImageView

        android:layout\_width="match\_parent"

        android:layout\_height="250dp"

        android:id="@+id/gambardetail"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/titlename"

        android:textSize="24sp"

        android:textColor="@color/black"

        android:layout\_marginBottom="15dp"

        android:layout\_marginTop="10dp"

        android:textStyle="bold"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/deskripsi"

        android:textSize="16sp"

        android:textColor="@color/black" />

</LinearLayout>

Pembayaran.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:layout\_marginHorizontal="10dp"

    android:layout\_marginVertical="10dp"

    android:orientation="vertical"

    tools:context=".Pembayaran">

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Pembayaran"

        android:textSize="28sp"

        android:textStyle="bold"

        android:textColor="@color/black" />

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Rincian Pembayaran"

        android:textSize="14sp"

        android:layout\_marginBottom="15dp"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Total Pembayaran"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:layout\_marginBottom="8dp"/>

    <EditText

        android:enabled="false"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/transaksi"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:padding="10dp"

        android:background="@drawable/custom\_input"

        />

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Jumlah Bayar"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:layout\_marginBottom="8dp"/>

    <EditText

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/jumlahbayar"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:layout\_marginBottom="8dp"

        android:padding="10dp"

        android:background="@drawable/custom\_input"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Kembali"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:layout\_marginBottom="8dp"/>

    <EditText

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/kembali"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:layout\_marginBottom="8dp"

        android:padding="10dp"

        android:background="@drawable/custom\_input"

        android:enabled="false"/>

</LinearLayout>

Activity\_profilsetting.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:layout\_marginVertical="10dp"

    android:layout\_marginHorizontal="10dp"

    android:orientation="vertical"

    tools:context=".profilesetting">

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Profile Setting"

        android:textSize="28sp"

        android:textStyle="bold"

        android:textColor="@color/black"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="you can change your profile here"

        android:textSize="14sp" />

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:textSize="16sp"

        android:text="Username"

        android:textColor="@color/black"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:id="@+id/edituser"

        android:hint="Username"

        android:padding="12dp"

        android:background="@drawable/custom\_input"/>

    <TextView

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:textSize="16sp"

        android:text="Password"

        android:textColor="@color/black"

        android:layout\_marginTop="15dp"

        android:layout\_marginBottom="10dp"/>

    <EditText

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:textSize="16sp"

        android:id="@+id/editpass"

        android:hint="Password"

        android:padding="12dp"

        android:background="@drawable/custom\_input"/>

    <LinearLayout

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:orientation="horizontal"

        android:gravity="end"

        android:layout\_marginTop="15dp">

        <Button

            android:layout\_width="wrap\_content"

            android:layout\_height="wrap\_content"

            android:id="@+id/btn\_update"

            android:text="Update"

            android:layout\_marginRight="10dp"

            android:onClick="update"

            android:background="@drawable/btnprofile"

            android:textColor="@color/white"/>

        <Button

            android:layout\_width="wrap\_content"

            android:layout\_height="wrap\_content"

            android:id="@+id/btn\_cancel"

            android:onClick="btnCancel"

            android:background="@drawable/strkprofile"

            android:textColor="#E02401"

            android:text="Cancel"/>

    </LinearLayout>

</LinearLayout>

**Menu**

Optiomenu.xml

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

<menu xmlns:android="http://schemas.android.com/apk/res/android"

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

    <item

        android:id="@+id/call"

        android:title="Call Center"

        app:showAsAction="never"/>

    <item

        android:id="@+id/sms"

        android:title="SMS Center"

        app:showAsAction="never"/>

    <item

        android:id="@+id/lokasi"

        android:title="Lokasi"

        app:showAsAction="never"/>

    <item

        android:id="@+id/profil"

        android:title="Profile Setting"

        app:showAsAction="never"/>

</menu>

Color.xml

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

<resources>

    <color name="purple\_200">#FFBB86FC</color>

    <color name="purple\_500">#FF6200EE</color>

    <color name="purple\_700">#FF3700B3</color>

    <color name="teal\_200">#FF03DAC5</color>

    <color name="teal\_700">#FF018786</color>

    <color name="black">#FF000000</color>

    <color name="white">#FFFFFFFF</color>

    <color name="bluelight"> #3E00FF</color>

    <color name="blue">#3E00FF</color>

    <color name="dark\_grey">#C8C6C6</color>

    <color name="whitef9">#F4F9F9</color>

</resources>

Themes.xml

<resources xmlns:tools="http://schemas.android.com/tools">

    <!-- Base application theme. -->

    <style name="Theme.Ayamku" parent="Theme.AppCompat.DayNight.DarkActionBar">

        <!-- Primary brand color. -->

        <item name="colorPrimary">@color/bluelight</item>

        <item name="colorPrimaryVariant">@color/purple\_700</item>

        <item name="colorOnPrimary">@color/whitef9</item>

        <!-- Secondary brand color. -->

        <item name="colorSecondary">@color/teal\_200</item>

        <item name="colorSecondaryVariant">@color/teal\_700</item>

        <item name="colorOnSecondary">@color/black</item>

        <!-- Status bar color. -->

        <item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>

        <!-- Customize your theme here. -->

    </style>

    <style name="ButtonStlye123" parent="android:style/Widget.Button">

        <item name="android:textSize">18sp</item>

        <item name="android:layout\_margin">8dp</item>

        <item name="android:padding">8dp</item>

        <item name="android:textColor">@color/white</item>

        <item name="android:background">@drawable/custombutton</item>

    </style>

</resources>

Custom\_input.xml

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

<selector xmlns:android="http://schemas.android.com/apk/res/android">

    <item android:state\_enabled="true" android:state\_focused="true">

        <shape android:shape="rectangle">

            <solid android:color="@color/white"/>

            <corners android:radius="10dp"/>

            <stroke android:color="@color/blue" android:width="1dp"/>

        </shape>

    </item>

    <item android:state\_enabled="true">

        <shape android:shape="rectangle">

            <solid android:color="@color/white"/>

            <corners android:radius="10dp"/>

            <stroke android:color="@color/dark\_grey" android:width="1dp"/>

        </shape>

    </item>

</selector>

Btnprofile.xml

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

<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">

    <corners android:radius="10dp"/>

    <solid android:color="@color/bluelight"/>

</shape>

Custombutton.xml

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

<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">

    <gradient android:startColor="#3E00FF" android:endColor="#7279FF"/>

    <corners android:radius = "10in"/>

</shape>

Cutomtotalbox.xml

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

<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">

    <gradient android:startColor="#3E00FF" android:endColor="#7279FF"/>

    <corners android:radius="10dp"/>

</shape>

Strokebtnprodile.xml

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

<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">

    <corners android:radius="10dp"/>

    <stroke android:color="#E02401" android:width="1dp"/>

</shape>

Strings.xml

<resources>

    <string name="app\_name">Tempellemahbang</string>

</resources>