APLIKASI E-COMMERCE (E-TEMPELLEMAHBANG) BERBASIS ANDROID

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Tugas diajukan sebagai salah satu syarat

Untuk menyelesaikan Mata Kuliah Pemrograman Perangkat Bergerak

FAKULTAS ILMU KOMPUTER

TEKNIK INFORMATIKA

UNIVERSITAS DIAN NUSWANTORO

SEMARANG

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DAFTAR ISI

1 Latar Belakang 2
2 Analisa dan Desain Aplikasi (OOP), Pemodelan UML 2
2.1 Analisa Kebutuhan User 2
2.2 Analisa Kebutuhan Hadrware dan Software 2
2.3 Diagram Use Case 3
2.4 Diagram Class 4
2.5 Diagram Aktivitas 5
2.6 Desain Database dan Table 5
2.7 Desain Input dan Output 6
2.7.1 Desain Input 6
2.7.2 Desain Output 7
3 Implementasi Sistem 7
4 Kesimpulan 9
5 References 10
6 Lampiran Source Program 11

1 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.

2 Analisa dan Desain Aplikasi (OOP), Pemodelan UML

2.1 Analisa Kebutuhan User

Analisa kebutuhan pegguna berfokusa pada aplikasi Tempellemahbang :

Kategori Pengguna	**Aktivitas**
Pelanggan / pengunjung	a. Dapat melakukan pendaftaran akun b. Dapat melakukan transaksi c. Dapat megubah akun(*username* dan *password*) d. Dapat melihat berbagai macam produk e. Dapat Login dengan *username* dan *password* yang telah didaftarkan f. Dapat melihat tampilan Pembayaran
Admin	a. Dapat mengubah, menghapus, menambahkan produk b. Dapat melihat data pembayaran c. Dapat melihat, mengubah, menghapus, menambahkan data pelanggan.

2.2 Analisa Kebutuhan Hadrware dan Software

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

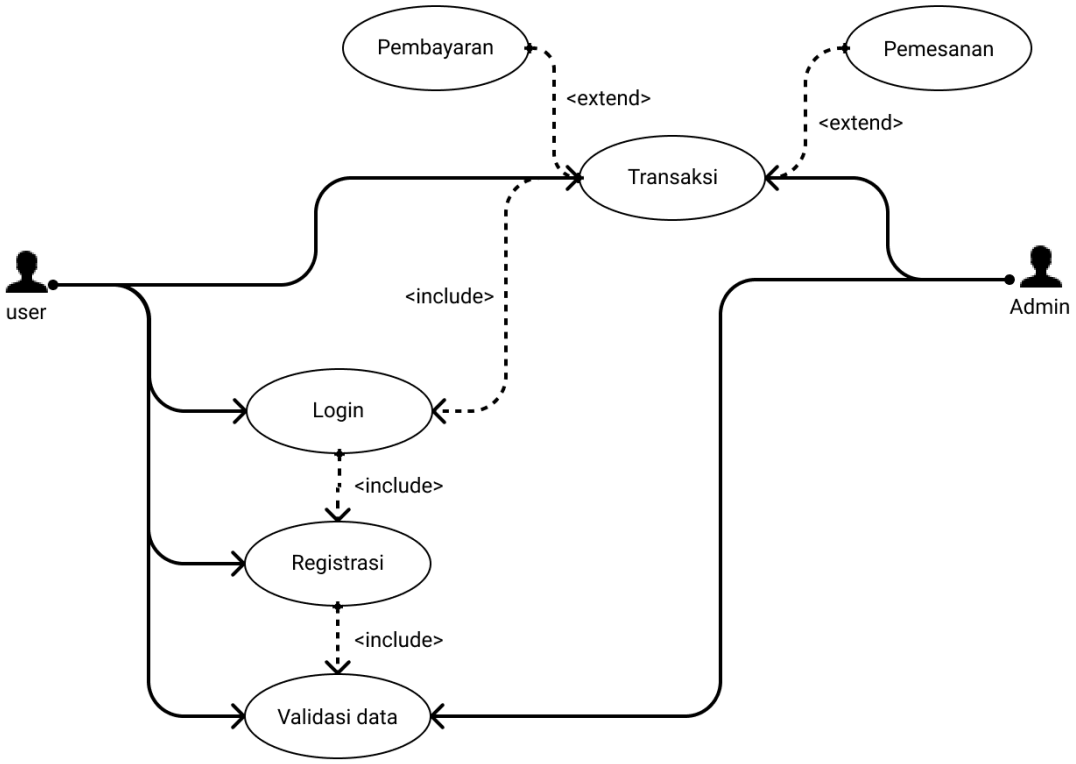
a. Processor : kecepatan 1 Ghz

b. Memory Size (RAM) : 1 GB

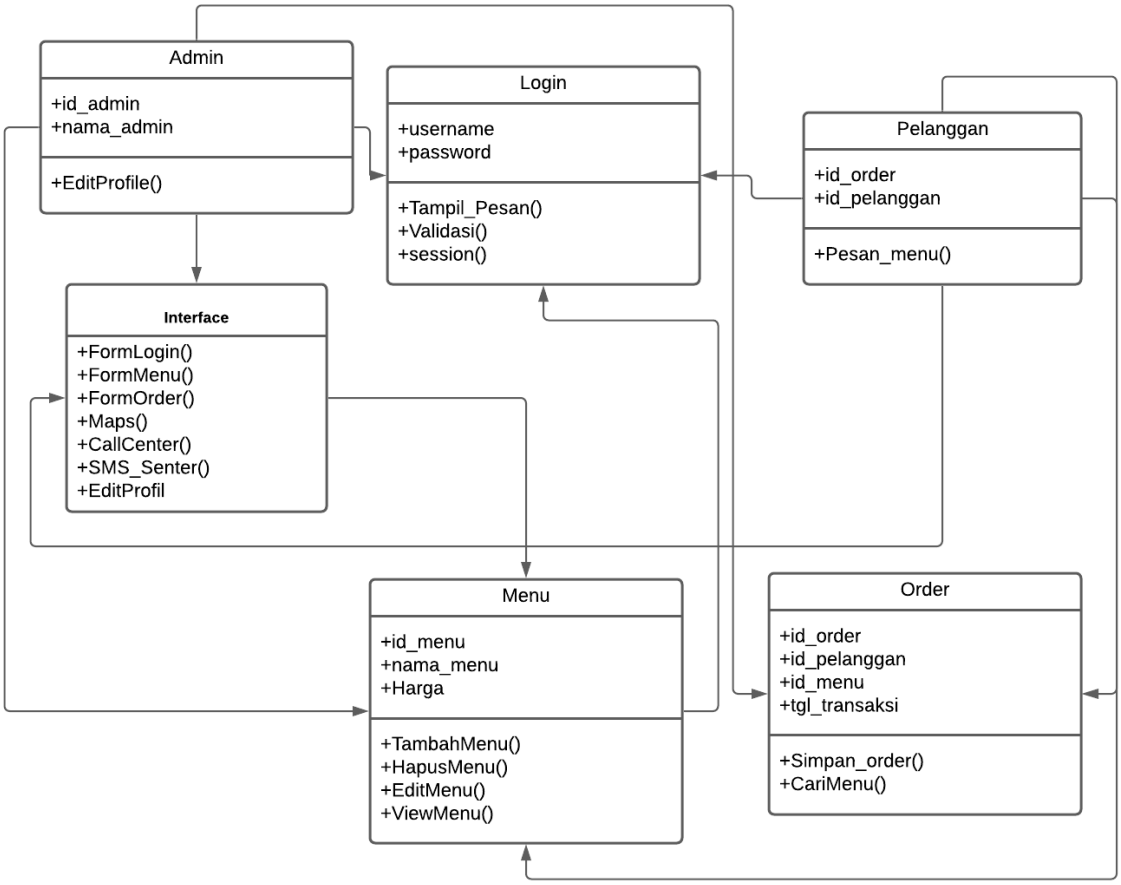
c. Storage : 16 GB

d. Android Version : 4.4 KitKat atau terbaru

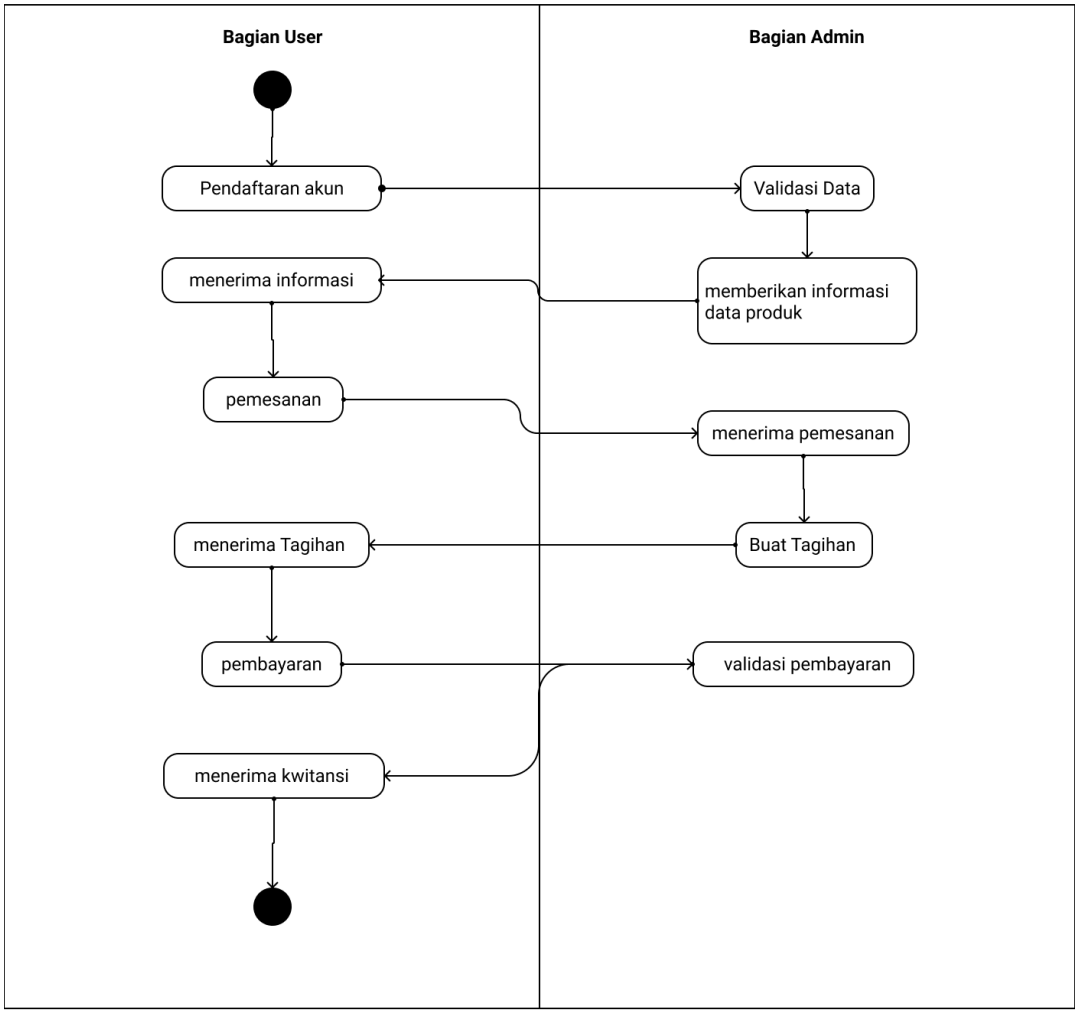
2.3 Diagram Use Case



2.4 Diagram Class



2.5 Diagram Aktivitas



2.6 Desain Database dan Table

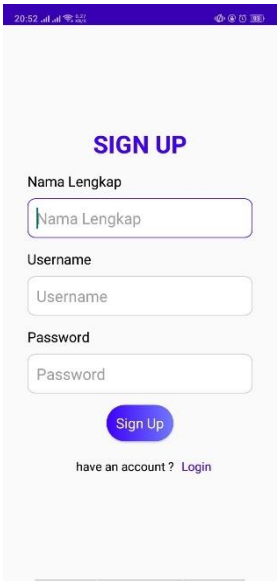
Kami tidak menggunakan database dan tabel melainkan kami menggunakan *Shared Preferences* dari aplikasi tersebut, berikut ini isi dari *Shared Preferences.*

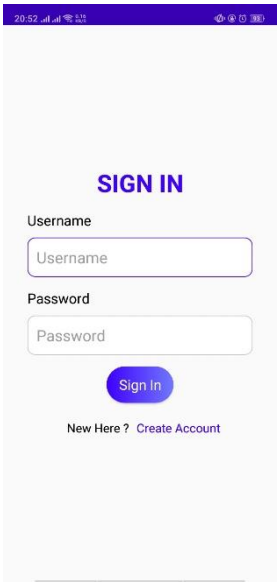
Nama : account

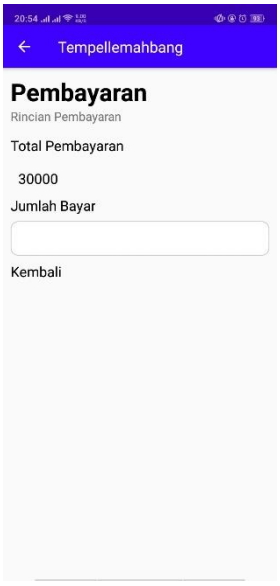
Key : nama, username, password

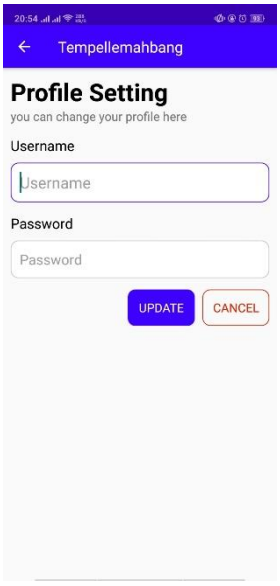
2.7 Desain Input dan Output

2.7.1 Desain Input

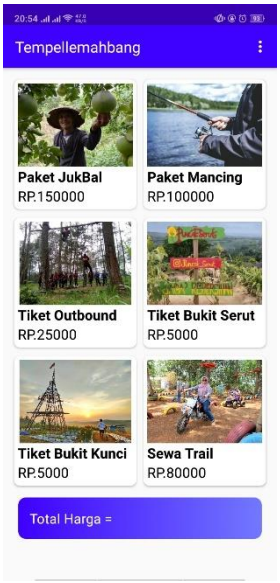


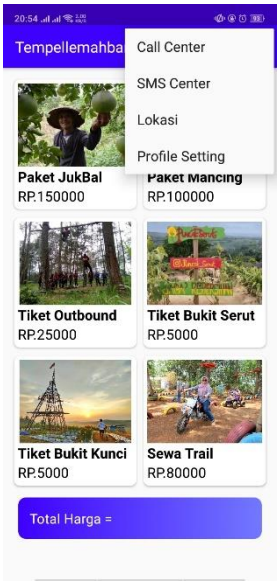






2.7.2 Desain Output





3 Implementasi Sistem

Berikut penjelasan implementasi sistem aplikasi tempellemahbang :

a. Aplikasi dapat di install di android versi 4.4 keatas
b. Pengguna membuka aplikasi lalu akan diarahkan ke halaman *Sign In / login*
c. Jika pengguna belum memiliki akun, maka dapat beralih ke halaman *Sign Up* untuk mendaftarkan akun dengan menginput nama lengkap, uasername dan password.
d. Setelah mendaftar akun, pengguna dapat melakukan *sign in* langsung.
e. Setelah *Sign in* berhasil, pengguna akan diarahkan ke halaman dashboard/menu utama yang berisi paket dan tiket wahana.

f. Pegguna dapat melihat deskripsi produk dengan menekan nama produk yang ada.
g. Pengguna dapat memilih produk makanan apa saja unnutk melakukan pemesanan dengan cara megeklik gambar pada setiap menu dan secara otomatis akan dihitung totalnya
h. Pengguna dapat langsung melakukan checkout dan pembayaran dengan cara mengklik total harga.
i. Jika mengisi kolom pembayaran sistem secara otomatis menghitung kembalian.
j. 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

4 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

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5 References

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

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LAMPIRAN SOURCE PROGRAM

6 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.getRe
gisteredUser(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>
```