

APLIKASI E-COMMERCE (E-TANJUNG) BERBASIS ANDROID

Tugas diajukan sebagai salah satu syarat untuk menyelesaikan
Ujian Akhir Semester Mata Kuliah Pemrograman Perangkat Bergerak



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**PROGRAM STUDI TEKNIK INFORMATIKA
FAULTAS ILMU KOMPUTER
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LATAR BELAKANG

Internet merupakan kepanjangan dari interconnected networking, yang mempunyai arti hubungan komputer dengan berbagai tipe yang membentuk sistem jaringan yang mencakup seluruh dunia (jaringan komputer global) dengan melalui jalur telekomunikasi seperti telepon, radio link, satelit dan lainnya. Teknologi internet berdampak cukup besar pada dunia bisnis (ecommerce) dengan dibukanya jalur perdagangan online sangat memudahkan bagi calon customers untuk melihat informasi produk, memesan ataupun melakukan pembayaran. Itu berarti transaksi penjualan secara online mempunyai calon customer yang potensial dari seluruh dunia.

Kerupuk tergolong makanan ringan. Selain bisa dijadikan “teman makan”, kerupuk juga bisa dijadikan camilan. Bahkan ada yang menjadikan kerupuk sebagai oleh-oleh. Mulai dari rasa yang lebih enak, varian yang beragam, sampai kemasan yang menarik. Itu semua adalah modal awal untuk merintis bisnis kerupukmu. Itu merupakan latar belakang bisnis UMKM Kerupuk di desa Tanjung ini.

Bisnis kerupuk desa Tanjung saat ini menggunakan proses penjualan yang dilakukan secara manual yaitu customers datang langsung ke toko untuk melihat barang yang tersedia dan selanjutnya melakukan transaksi. Karena itu keuntungan yang diperoleh tidak terlalu besar, karena cakupan wilayah pemasaran hanya disekitar desa Tanjung saja. Oleh karena itu perlu adanya kajian terhadap kondisi bisnis kerupuk desa Tanjung untuk mengembangkan system dari segi informasi dan pelayanan penjualan terhadap customers. Dengan menyediakan media sistem informasi 2 penjualan berbasis online yang dirancang menggunakan media web atau internet untuk meminimalkan waktu proses penjualan dengan tujuan meningkatkan pelayanan bagi customers, meningkatkan volume penjualan sehingga pendapatan perusahaan dapat meningkat. Berdasarkan dari masalah di atas, menjadi dasar penulis untuk membuat sebuah sistem informasi penjualan berbasis e-commerce menggunakan prestashop dengan tujuan untuk memperluas pemasaran serta meningkatkan volume penjualan sehingga pendapatan dapat meningkat. Atas dasar pemikiran tersebut maka penulis menyimpulkan akan menyusun laporan dengan judul “APLIKASI E-COMMERCE (E-TANJUNG) BERBASIS ANDROID”.

ANALISIS DAN DESAIN APLIKASI (OOP), PERMODELAN UML

2.1 Analisa Kebutuhan User

Analisis kebutuhan User berfokus pada perangkat lunak yang akan dibuat oleh penulis. Agar proses penjualan lebih baik penulis mendisain rancangan antar muka yang terdapat pada aplikasi e-commers. Kebutuhan user yang ada didalamnya sebagai berikut :

- a. Halaman Pendaftaran User.
- b. Halaman Login.
- c. Halaman Menu terdapat harga dan pilihan jajanan dan minuman yang ingin dipesan.
- d. Halaman Alamat Toko.
- e. Halaman Setting untuk mengedit username dan password user
- f. Halaman pembayaran.

2.2 Analisa Kebutuhan Hardware dan Software

1. Hardware

Perangkat keras (Hardware) adalah seluruh komponen peralatan yang membentuk suatu sistem dan peralatan lainnya yang memungkinkan computer dapat melaksanakan tugasnya secara fisik dan dapat terlihat secara jelas dan nyata. Bagian – bagian pokok perangkat keras meliputi masukan (Input), CPU (Central Processing Unit), tempat penyimpanan (Secondary Memory), dan keluaran (Output). Adapun perangkat keras yang penulis usulkan adalah komputer yang mempunyai spesifikasi sebagai berikut:

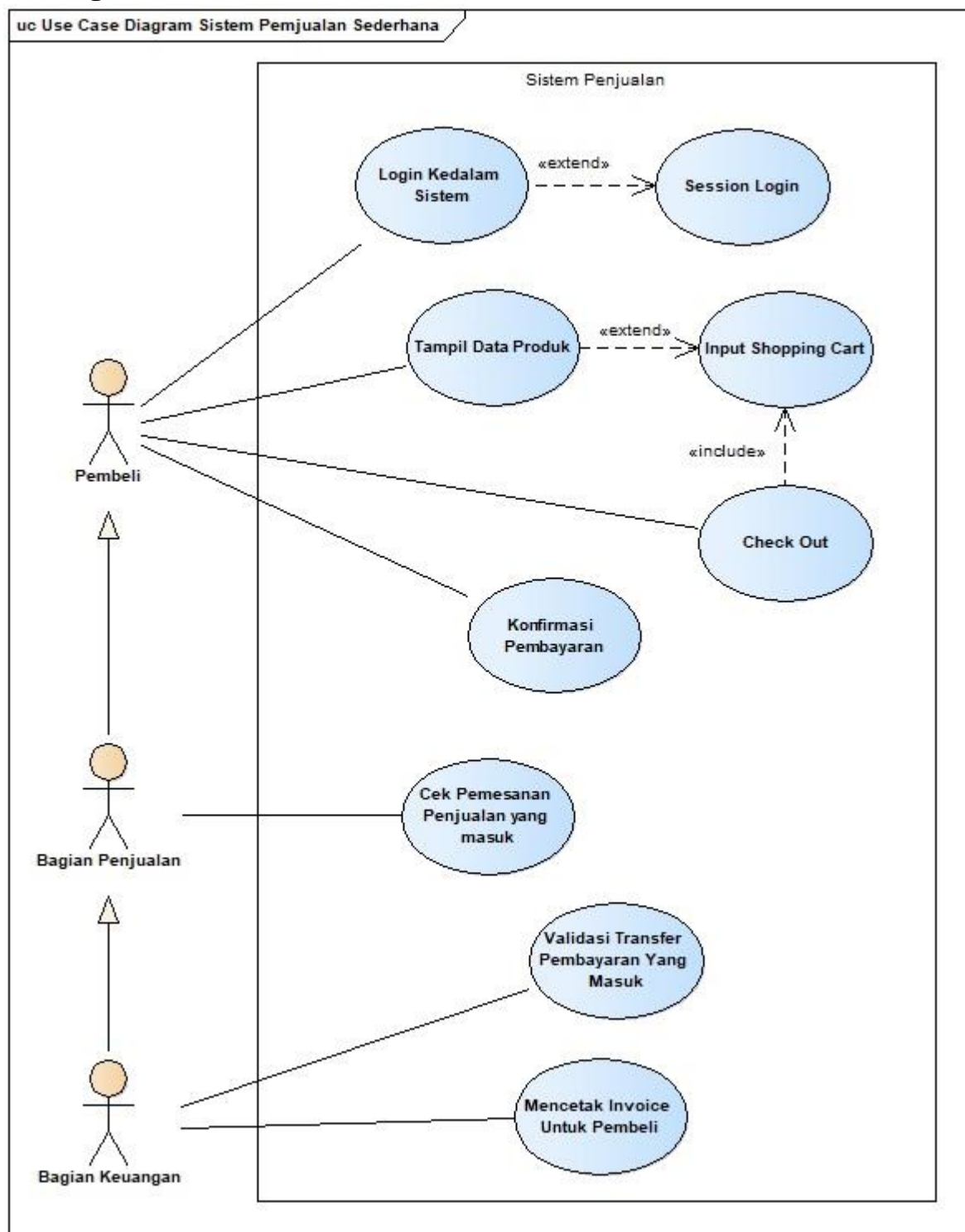
- | | |
|---------------------|---|
| a. Processor | : Intel® Pentium® Gold 6405U Processor, Intel® Core™ i3-1005G1 processor, dan Intel® Core™ i5-1035G1 processor. |
| b. RAM | : 12 GB |
| c. Hardisk | : 512GB |
| d. Keyboard / Mouse | : 102 Keys / Standart Mouse |
| e. Monitor | : Lenovo Ideapad Slim 3 |

2. Software

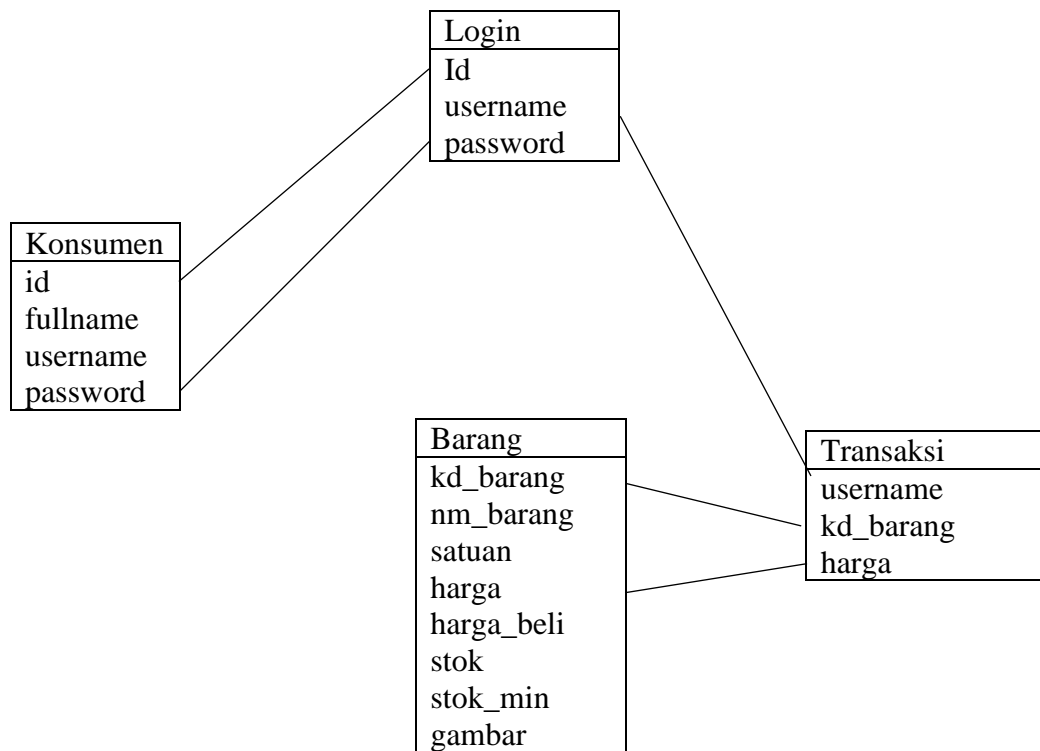
Perangkat lunak (software) adalah komponen data processing yang berupa program – program dan teknik – teknik lainnya untuk mengontrol system komputer. Aplikasi ini dibuat menggunakan perangkat lunak utama dan perangkat lunak pendukung, perangkat lunak yang digunakan adalah sebagai berikut :

- Android Studio digunakan untuk membuat aplikasi android

2.3 Diagram Use Case



2.4 Diagram Class



2.5 Desain Database & Tabel

Tabel barang

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	kd_brg	varchar(6)	latin1_swedish_ci		No	None			Change Drop More
2	nm_brg	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
3	satuan	varchar(10)	latin1_swedish_ci		No	None			Change Drop More
4	harga	double			No	None			Change Drop More
5	harga_beli	double			No	None			Change Drop More
6	stok	int			No	None			Change Drop More
7	stok_min	int			No	None			Change Drop More
8	gambar	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop More

Tabel konsumen

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int			No	None			Change Drop More
2	fullName	varchar(50)	utf8mb4_0900_ai_ci		No	None			Change Drop More
3	username	varchar(30)	utf8mb4_0900_ai_ci		No	None			Change Drop More
4	password	varchar(30)	utf8mb4_0900_ai_ci		No	None			Change Drop More

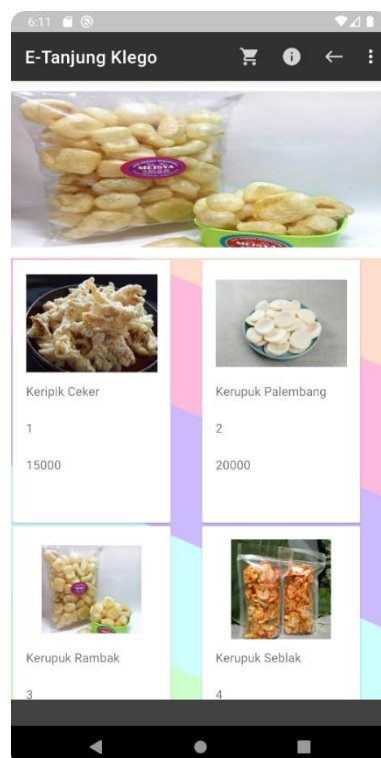
Tabel login

Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
id	int			No	None			Change Drop More
user_id	varchar(30)	latin1_swedish_ci		Yes	NULL			Change Drop More
passwd	varchar(32)	latin1_swedish_ci		Yes	NULL			Change Drop More

Table Transaksi

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	username	varchar(20)	utf8mb4_0900_ai_ci		No	None			Change Drop More
2	kd_barang	varchar(20)	utf8mb4_0900_ai_ci		No	None			Change Drop More
3	nm_barang	varchar(20)	utf8mb4_0900_ai_ci		No	None			Change Drop More
4	jumlah_barang	int			No	None			Change Drop More
5	harga	int			No	None			Change Drop More

2.6 Desain Input dan Output

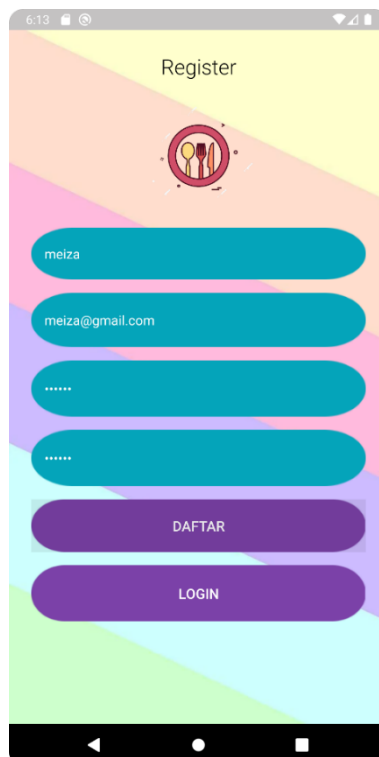


IMPLEMENTASI SISTEM

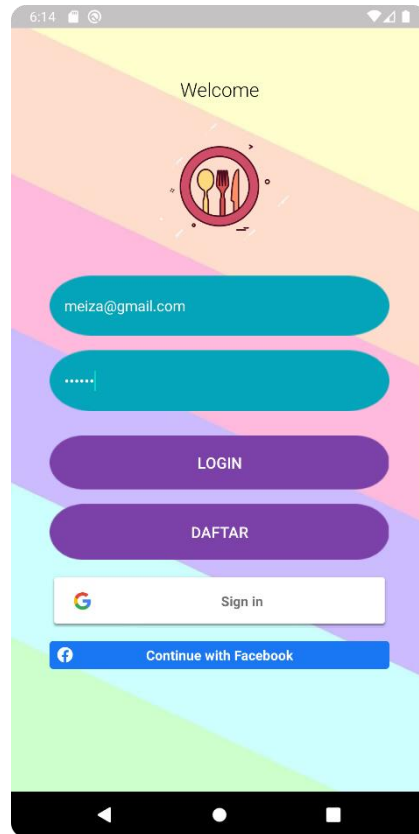
1. Splash screen



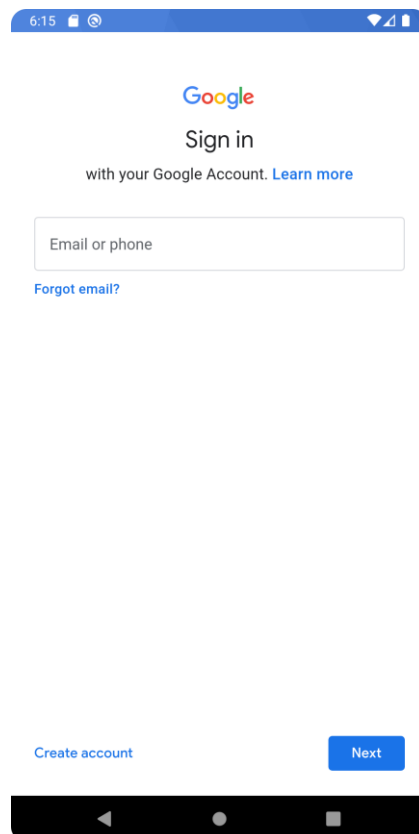
2. Register



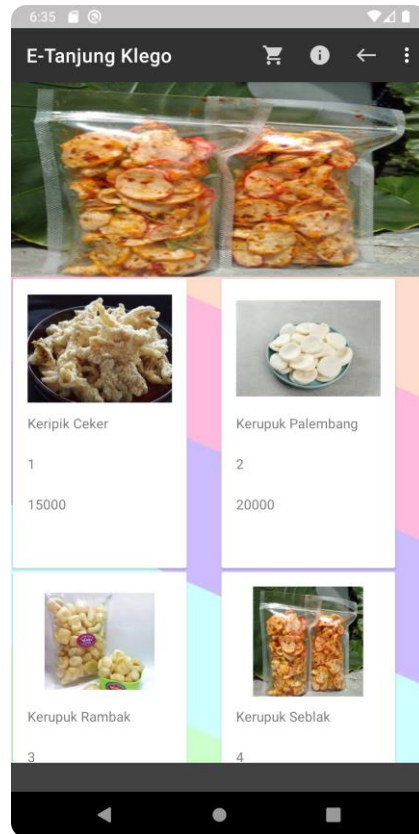
3. Login



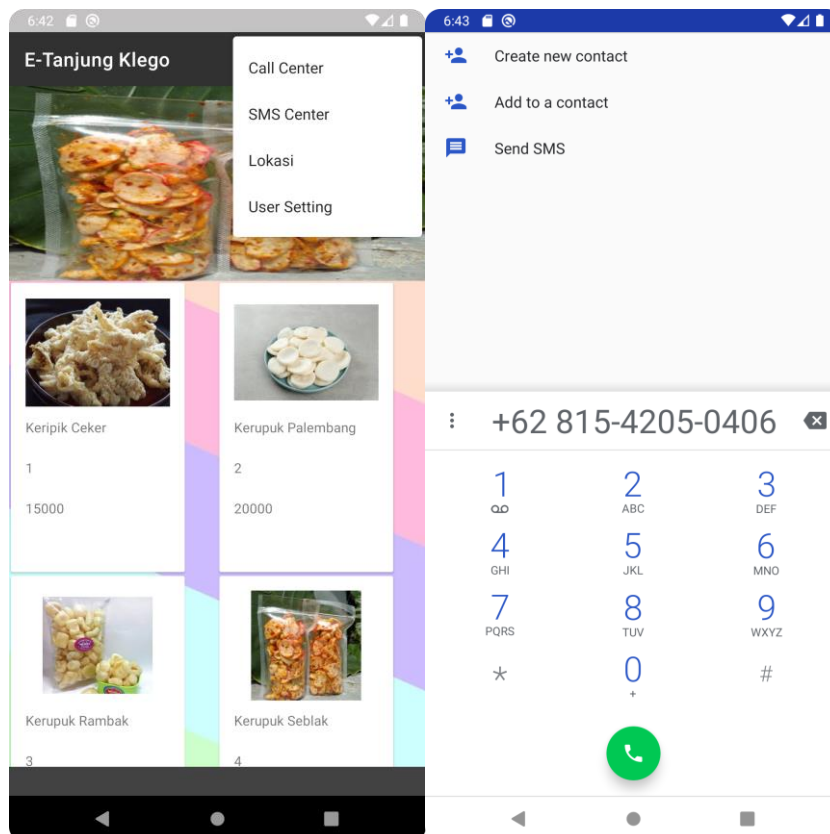
4. Login dengan akun google dan facebook



5. Halaman produk



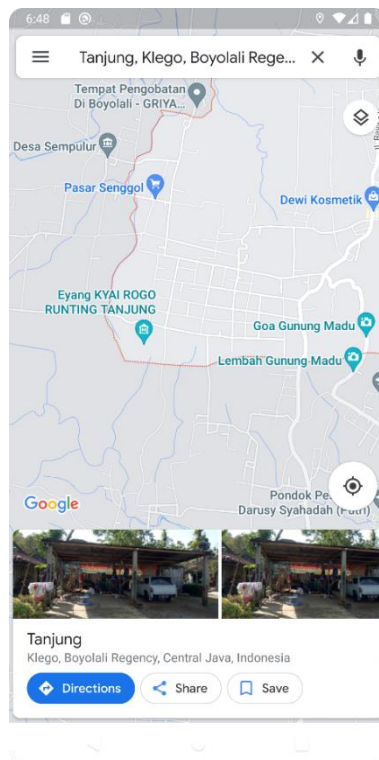
6. Call center



7. SMS center



8. Maps



9. Update username dan password

The screenshot shows a mobile application interface for updating user information. At the top, there is a status bar with the time 6:59 and various icons. Below it is a header with a circular logo containing a fork and knife, and the text 'mei'. The main content area has a colorful, abstract background with diagonal stripes in yellow, orange, pink, purple, and green. It features three input fields: 'Email' and 'Password' (both in teal rounded rectangles) and an 'UPDATE' button (in a purple rounded rectangle). At the bottom is a black navigation bar with standard Android icons.

10. Ongkir dan detail pembayaran (cetak dan bukti pembayaran)

The screenshot displays the 'E-Tanjung Klego' app interface. The top status bar shows the time 6:51. Below it is a dark header with the text 'E-Tanjung Klego'. The main content area has a light gray background. It includes a section for bank transfer details: 'Transfer ke Rekening BRI :089801003944503', a 'Status Bayar' dropdown menu, and a 'Tanggal' field. Below this is a section titled 'Pemesanan Cemilan-Ku' with fields for 'No. Nota' (containing '123') and 'Username'. Further down is a 'Detail Pembayaran' section showing 'Total Pembayaran' as '999'. At the bottom, there are three buttons: 'CETAK PDF', 'UPLOAD BUKTI PEMBAYARAN', and 'KIRIM BUKTI PEMBAYARAN'. The app has a black navigation bar at the very bottom.

11. Pembayaran



12. Deskripsi barang



PENUTUP

Kesimpulan

Berdasarkan hasil dan analisa dari bab-bab sebelumnya maka penulis dapat mengambil kesimpulan sebagai berikut:

1. Diharapkan meningkatkan daya tarik masyarakat untuk membeli produk dari UMKM kerupuk desa Tanjung.
2. Diharapkan bisa meningkatkan penjualan bisnis kerupuk desa Tanjung dengan adanya aplikasi penjualan ini.
3. Permasalahan UMKM desa Tanjung ini diharapkan dapat memberikan solusi terhadap permasalahan yang dihadapi dalam proses penjualan produk dan sebagai solusi pemasaran produk.
4. Sistem penjualan yang berjalan masih bersifat konvensional, dimana konsumen harus datang langsung ke toko sehingga akan menyulitkan konsumen yang berada diluar desa. Dengan mengimplementasikan sistem penjualan berbasis e-commerce konsumen dapat melakukan proses transaksi penjualan dimana saja dan kapan saja. Konsumen hanya perlu melakukan proses registrasi, kemudian log in, memilih produk yang diinginkan, melakukan pemesanan, dan mengkonfirmasi pembayaran

Saran

Dalam website e-commerce yang dibuat masih terdapat beberapa kekurangan. Bagi yang berminat mengembangkan aplikasi ini disarankan untuk dapat melengkapi website ini dimasa yang akan datang. Diantaranya :

- Perbaiki di sisi tampilan website agar lebih menarik konsumen untuk membeli produk yang ditawarkan.
- Penambahkan fitur – fitur lainnya untuk lebih meningkatkan minat pelanggan.

DAFTAR PUSTAKA

https://eprints.utdi.ac.id/2005/12/105610101_BAB%20III.pdf

LAMPIRAN SOURCE PROGRAM

AppController.java

```
package com.mei.produkumkm.Util;
import android.app.Application;
import android.text.TextUtils;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.toolbox.Volley;
public class AppController extends Application {
    private static final String TAG = AppController.class.getSimpleName();
    private static AppController instance ;
    RequestQueue mRequestQueue;
    @Override
    public void onCreate() {
        super.onCreate();
        instance = this;
    }
    public static synchronized AppController
    getInstance()
    {
        return instance;
    }
    private RequestQueue getRequestQueue()
    {
        if (mRequestQueue == null)
        {
            mRequestQueue =
Volley.newRequestQueue(getApplicationContext());
        }
        return mRequestQueue;
    }
    public <T> void addToRequestQueue(Request<T> req,String tag)
    {
        req.setTag(TextUtils.isEmpty(tag) ? TAG : tag);
        getRequestQueue().add(req);
    }
    public <T> void addToRequestQueue (Request<T> req)
    {
        req.setTag(TAG);
        getRequestQueue().add(req);
    }
    public void cancelAllRequest(Object req)
    {
        if (mRequestQueue != null)
        {
            mRequestQueue.cancelAll(req);
        }
    }
}
```

FileUtils.java

```
package com.mei.produkumkm.Util;

import static com.mei.produkumkm.Util.LogUtils.LOGD;
import static com.mei.produkumkm.Util.LogUtils.LOGE;
```



```

import android.content.ActivityNotFoundException;
import android.content.Context;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.content.pm.ResolveInfo;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.net.Uri;

import androidx.core.content.FileProvider;

import com.mei.produkumkm.R;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.util.Arrays;
import java.util.List;

/**
 * Created by k2 on 30/6/17.
 */

public class FileUtils {

    private static final String extensions[] = new String[]{"avi", "3gp",
"mp4", "mp3", "jpeg", "jpg",
    "gif", "png",
    "pdf", "docx", "doc", "xls", "xlsx", "csv", "ppt", "pptx",
    "txt", "zip", "rar"};

    public static void openFile(Context context, File url) throws
ActivityNotFoundException {
        //TODO you want to use this method then create file provider in
androidmanifest.xml with fileprovider name

        Uri uri = FileProvider.getUriForFile(context,
context.getApplicationContext().getPackageName() + ".fileprovider", url);

        String urlString = url.toString().toLowerCase();

        Intent intent = new Intent(Intent.ACTION_VIEW);

        /**
         * Security
         */
        List<ResolveInfo> resInfoList =
context.getPackageManager().queryIntentActivities(intent,
PackageManager.MATCH_DEFAULT_ONLY);
        for (ResolveInfo resolveInfo : resInfoList) {
            String packageName = resolveInfo.activityInfo.packageName;
            context.grantUriPermission(packageName, uri,
Intent.FLAG_GRANT_WRITE_URI_PERMISSION |
Intent.FLAG_GRANT_READ_URI_PERMISSION);
        }
    }
}

```

```

        // Check what kind of file you are trying to open, by comparing the
url with extensions.
        // When the if condition is matched, plugin sets the correct intent
(mime) type,
        // so Android knew what application to use to open the file
        if (urlString.toLowerCase().toLowerCase().contains(".doc")
            || urlString.toLowerCase().contains(".docx")) {
            // Word document
            intent.setDataAndType(uri, "application/msword");
        } else if (urlString.toLowerCase().contains(".pdf")) {
            // PDF file
            intent.setDataAndType(uri, "application/pdf");
        } else if (urlString.toLowerCase().contains(".ppt")
            || urlString.toLowerCase().contains(".pptx")) {
            // Powerpoint file
            intent.setDataAndType(uri, "application/vnd.ms-powerpoint");
        } else if (urlString.toLowerCase().contains(".xls")
            || urlString.toLowerCase().contains(".xlsx")) {
            // Excel file
            intent.setDataAndType(uri, "application/vnd.ms-excel");
        } else if (urlString.toLowerCase().contains(".zip")
            || urlString.toLowerCase().contains(".rar")) {
            // ZIP file
            intent.setDataAndType(uri, "application/trap");
        } else if (urlString.toLowerCase().contains(".rtf")) {
            // RTF file
            intent.setDataAndType(uri, "application/rtf");
        } else if (urlString.toLowerCase().contains(".wav")
            || urlString.toLowerCase().contains(".mp3")) {
            // WAV/MP3 audio file
            intent.setDataAndType(uri, "audio/*");
        } else if (urlString.toLowerCase().contains(".gif")) {
            // GIF file
            intent.setDataAndType(uri, "image/gif");
        } else if (urlString.toLowerCase().contains(".jpg")
            || urlString.toLowerCase().contains(".jpeg")
            || urlString.toLowerCase().contains(".png")) {
            // JPG file
            intent.setDataAndType(uri, "image/jpeg");
        } else if (urlString.toLowerCase().contains(".txt")) {
            // Text file
            intent.setDataAndType(uri, "text/plain");
        } else if (urlString.toLowerCase().contains(".3gp")
            || urlString.toLowerCase().contains(".mpg")
            || urlString.toLowerCase().contains(".mpeg")
            || urlString.toLowerCase().contains(".mpe")
            || urlString.toLowerCase().contains(".mp4")
            || urlString.toLowerCase().contains(".avi")) {
            // Video files
            intent.setDataAndType(uri, "video/*");
        } else {
            // if you want you can also define the intent type for any
other file

            // additionally use else clause below, to manage other unknown
extensions
            // in this case, Android will show all applications installed
on the device
            // so you can choose which application to use
            intent.setDataAndType(uri, "*/*");

```

```

    }

    intent.addFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
    intent.addFlags(Intent.FLAG_GRANT_READ_URI_PERMISSION);
    intent.addFlags(Intent.FLAG_GRANT_WRITE_URI_PERMISSION);
    context.startActivity(intent);
}

/**
 * Get Path of App which contains Files
 *
 * @return path of root dir
 */
public static String getAppPath(Context context) {
    File dir = new
File(android.os.Environment.getExternalStorageDirectory()
    + File.separator
    + context.getResources().getString(R.string.app_name)
    + File.separator);
    if (!dir.exists()) {
        dir.mkdir();
    }
    return dir.getPath() + File.separator;
}

/**
 * Copy File
 *
 * @param src
 * @param dst
 * @throws IOException
 */
public static void copy(File src, File dst) {
    InputStream in;
    OutputStream out;
    try {
        in = new FileInputStream(src);
        out = new FileOutputStream(dst);

        String tempExt = FileUtils.getExtension(dst.getPath());

        if (tempExt.equals("jpeg") || tempExt.equals("jpg") ||
tempExt.equals("gif")
            || tempExt.equals("png")) {
            if (out != null) {

                Bitmap bit = BitmapFactory.decodeFile(src.getPath());
                LOGD("Bitmap : " + bit);

                if (bit.getWidth() > 700) {
                    if (bit.getHeight() > 700)
                        bit = Bitmap.createScaledBitmap(bit, 700, 700,
true);
                    else
                        bit = Bitmap.createScaledBitmap(bit, 700,
bit.getHeight(), true);
                } else {
                    if (bit.getHeight() > 700)
                        bit = Bitmap.createScaledBitmap(bit,
bit.getWidth(), 700, true);
                    else

```

```

        bit = Bitmap.createScaledBitmap(bit,
bit.getWidth(), bit.getHeight(), true);
    }

    bit.compress(Bitmap.CompressFormat.JPEG, 90, out);
}
LOGD("File Compressed...");
} else {

    // Transfer bytes from in to out
    byte[] buf = new byte[1024 * 4];
    int len;
    while ((len = in.read(buf)) > 0) {
        out.write(buf, 0, len);
    }

}

in.close();
out.close();

} catch (FileNotFoundException e) {
    // TODO Auto-generated catch block
    LOGE("Compressing EError : " + e.getLocalizedMessage());
} catch (IOException e) {
    // TODO Auto-generated catch block
    LOGE("Compressing EError IOE : " + e.getLocalizedMessage());
} catch (Exception e) {
    // TODO: handle exception
    LOGE("Compressing EError Other: " + e.getLocalizedMessage());
}

}

/**
 * Move File
 *
 * @param src
 * @param dst
 * @throws IOException
 */
public static void move(File src, File dst) {
    InputStream in;
    OutputStream out;
    try {
        in = new FileInputStream(src);
        out = new FileOutputStream(dst);

        String tempExt = FileUtils.getExtension(dst.getPath());

        if (tempExt.equals("jpeg") || tempExt.equals("jpg") ||
tempExt.equals("gif")
            || tempExt.equals("png")) {
            if (out != null) {

                Bitmap bit = BitmapFactory.decodeFile(src.getPath());
                LOGD("Bitmap : " + bit);

                if (bit.getWidth() > 700 || bit.getHeight() > 700) {
                    bit = Bitmap.createScaledBitmap(bit, 700, 700,
true);
                }

                bit.compress(Bitmap.CompressFormat.JPEG, 90, out);

```

```

        }
        LOGD("File Compressed...");
    } else {

        // Transfer bytes from in to out
        byte[] buf = new byte[1024 * 4];
        int len;
        while ((len = in.read(buf)) > 0) {
            out.write(buf, 0, len);
        }

        in.close();
        out.close();

        /**
         * Delete File from Source folder...
         */
        if (src.delete())
            LOGD("File Successfully Copied...");

    } catch (FileNotFoundException e) {
        // TODO Auto-generated catch block
        LOGE("Compressing EError : " + e.getLocalizedMessage());
    } catch (IOException e) {
        // TODO Auto-generated catch block
        LOGE("Compressing EError IOE : " + e.getLocalizedMessage());
    } catch (Exception e) {
        // TODO: handle exception
        LOGE("Compressing EError Other: " + e.getLocalizedMessage());
    }
}

/**
 * Is Valid Extension
 *
 * @param ext
 * @return
 */
public static boolean isValidExtension(String ext) {
    return Arrays.asList(extensions).contains(ext);
}

/**
 * Return Extension of given path without dot(.)
 *
 * @param path
 * @return
 */
public static String getExtension(String path) {
    return path.contains(".") ? path.substring(path.lastIndexOf(".") +
1).toLowerCase() : "";
}
}

```

LogUtils.java

```
package com.mei.produkumkm.Util;
```

```

import android.util.Log;

public class LogUtils {

    public static String TAG = "Const";
    public static boolean LOGGING_ENABLED = true;

    public static void LOGD(String message) {
        if (LOGGING_ENABLED) {
            Log.d(TAG, message);
        }
    }

    public static void LOGD(String message, Throwable cause) {
        if (LOGGING_ENABLED) {
            Log.d(TAG, message, cause);
        }
    }

    public static void LOGV(String message) {
        if (LOGGING_ENABLED) {
            Log.v(TAG, message);
        }
    }

    public static void LOGV(String message, Throwable cause) {
        if (LOGGING_ENABLED) {
            Log.v(TAG, message, cause);
        }
    }

    public static void LOGI(String message) {
        if (LOGGING_ENABLED) {
            Log.i(TAG, message);
        }
    }

    public static void LOGI(String message, Throwable cause) {
        if (LOGGING_ENABLED) {
            Log.i(TAG, message, cause);
        }
    }

    public static void LOGW(String message) {
        if (LOGGING_ENABLED) {
            Log.w(TAG, message);
        }
    }

    public static void LOGW(String message, Throwable cause) {
        if (LOGGING_ENABLED) {
            Log.w(TAG, message, cause);
        }
    }

    public static void LOGE(String message) {
        if (LOGGING_ENABLED) {
            Log.e(TAG, message);
        }
    }
}

```

```

        public static void LOGE(String message, Throwable cause) {
            if (LOGGING_ENABLED) {
                Log.e(TAG, message, cause);
            }
        }
    }
}

```

ServerAPI.java

```

package com.mei.produkumkm.Util;
public class ServerAPI {
    public static final String URL_DATA =
        "https://meizapudjianto.000webhostapp.com/kukok/view_data.php";
    public static final String URL_INSERT =
        "http://192.168.100.61/android/create_data.php";
    public static final String URL_DELETE =
        "http://192.168.100.61/android/delete_data.php";
    public static final String URL_UPDATE =
        "http://192.168.100.61/android/update_data.php";
    public static final String URL_JUAL2 =
        "http://192.168.100.61/android/create_jual.php";
    public static final String URL_DASHBOARD_JUAL =
        "http://192.168.100.61/android/penjualan/view_data.php";
}

```

DetailActivity.java

```

package com.mei.produkumkm;

import androidx.appcompat.app.AppCompatActivity;

import android.app.ProgressDialog;
import android.os.Bundle;
import android.util.Log;
import android.widget.ImageView;
import android.widget.TextView;

import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;
import com.mei.produkumkm.Util.ServerAPI;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.text.NumberFormat;
import java.util.ArrayList;
import java.util.Locale;

public class DetailActivity extends AppCompatActivity {
    ImageView imageViewFoto;
    ArrayList<Produk> mItems;
    String kd_brg, nm_brg, harga, deskripsi;
    Integer image;
    Double dharga;
    ProgressDialog pd;
    private ProdukAdapter adapter;
}

```

```

        NumberFormat rpFormat = NumberFormat.getCurrencyInstance (new
Locale("in", "ID"));
        TextView textViewNama, textViewDeskripsi, textViewHarga;
        @Override
        protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.activity_detail);
            getSupportActionBar().setDisplayHomeAsUpEnabled(true);
            imageViewFoto = findViewById(R.id.imgFotodtl);
            textViewNama = findViewById(R.id.txtNamadt1);
            textViewDeskripsi = findViewById(R.id.txtDeskripsidt1);
            textViewHarga = findViewById(R.id.txtHargadt1);
            pd = new ProgressDialog(DetailActivity.this);
            kd_brg = getIntent().getStringExtra("kd_brg");
            nm_brg = getIntent().getStringExtra("nm_brg");
            deskripsi = getIntent().getStringExtra("descbrg");
            image = getIntent().getIntExtra("image", 0);
            textViewDeskripsi.setText(deskripsi);
            harga = getIntent().getStringExtra("harga");
            dharga = Double.parseDouble(harga);

            textViewNama.setText(nm_brg);
            imageViewFoto.setImageResource(image);
            textViewHarga.setText(harga);
        }
    }
}

```

LoginActivity.java

```

package com.mei.produkumkm;

import android.app.ProgressDialog;
import android.content.Intent;

import android.content.SharedPreferences;

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

import android.nfc.Tag;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import com.facebook.AccessToken;
import com.facebook.CallbackManager;
import com.facebook.FacebookCallback;
import com.facebook.FacebookException;
import com.facebook.FacebookSdk;
import com.facebook.appevents.AppEventsLogger;
import com.facebook.login.LoginResult;
import com.facebook.login.widget.LoginButton;
import com.google.android.gms.auth.api.signin.GoogleSignIn;
import com.google.android.gms.auth.api.signin.GoogleSignInAccount;
import com.google.android.gms.auth.api.signin.GoogleSignInClient;
import com.google.android.gms.auth.api.signin.GoogleSignInOptions;

```



```

import com.google.android.gms.common.SignInButton;
import com.google.android.gms.common.api.ApiException;
import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.android.material.tabs.TabLayout;
import com.google.firebase.auth.AuthCredential;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FacebookAuthProvider;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.google.firebase.auth.GoogleAuthProvider;

public class LoginActivity extends AppCompatActivity {
    private Button btnLogin, btnRegis;
    private EditText email, password;
    private FirebaseAuth mAuth;
    private ProgressDialog progressDialog;
    private SignInButton btnGoogle;
    private GoogleSignInClient mGoogleSignInClient;
    private CallbackManager mCallbackManager;
    private LoginButton btnFacebook;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);
        getSupportActionBar().hide();
        email = findViewById(R.id.email);
        password = findViewById(R.id.pass);
        mAuth = FirebaseAuth.getInstance();
        btnLogin = findViewById(R.id.btnLogin);
        btnRegis = findViewById(R.id.btnRegis);
        btnFacebook = findViewById(R.id.btnFacebook);
        btnGoogle = findViewById(R.id.btnGoogle);
        progressDialog = new ProgressDialog(LoginActivity.this);
        progressDialog.setTitle("Loading");
        progressDialog.setMessage("Silahkan Tunggu!");
        progressDialog.setCancelable(false);
        btnRegis.setOnClickListener(v ->{
            startActivity(new Intent(getApplicationContext(),
RegisterActivity.class));
        });
        btnLogin.setOnClickListener(v ->{
            if(email.getText().length() > 0 &&
password.getText().length() > 0) {
login(email.getText().toString(), password.getText().toString());
            }else{
                Toast.makeText(getApplicationContext(), "Silahkan isi semua
data! ", Toast.LENGTH_SHORT).show();
            }
        });
        btnGoogle.setOnClickListener(v->{
            googleSignIn();
        });
        //facebooklogin
        mCallbackManager = CallbackManager.Factory.create();
        FacebookSdk.sdkInitialize(getApplicationContext());
        AppEventsLogger.activateApp(this);
        btnFacebook.setReadPermissions("email", "public_profile");
        btnFacebook.registerCallback(mCallbackManager, new

```

```

FacebookCallback<LoginResult>() {
    @Override
    public void onSuccess(LoginResult loginResult) {
        Log.d("Facebook", "facebook:onSuccess:" + loginResult);
        handleFacebookAccessToken(loginResult.getAccessToken());
    }

    @Override
    public void onCancel() {
        Log.d("Facebook", "facebook:onCancel");
    }

    @Override
    public void onError(FacebookException error) {
        Log.d("Facebook", "facebook:onError", error);
    }
}

//google
GoogleSignInOptions gso = new
GoogleSignInOptions.Builder(GoogleSignInOptions.DEFAULT_SIGN_IN)
    .requestIdToken("194823044787-
2g7aqeismcmr2jg6eh656usksn8er2j5.apps.googleusercontent.com")
    .requestEmail()
    .build();
mGoogleSignInClient = GoogleSignIn.getClient(this, gso);
}
private void handleFacebookAccessToken(AccessToken token) {
    Log.d("Facebook", "handleFacebookAccessToken:" + token);
    AuthCredential credential =
FacebookAuthProvider.getCredential(token.getToken());
    mAuth.signInWithCredential(credential)
        .addOnCompleteListener(this, new
OnCompleteListener<AuthResult>() {
        @Override
        public void onComplete(@NonNull Task<AuthResult> task)
        {
            if (task.isSuccessful()) {
                // Sign in success, update UI with the signed-
in user's information
                Log.d("Facebook",
"signInWithCredential:success");
                FirebaseUser user = mAuth.getCurrentUser();
                reload();
            } else {
                // If sign in fails, display a message to the
user.
                Log.w("Facebook",
"signInWithCredential:failure", task.getException());
                Toast.makeText(LoginActivity.this,
"Authentication failed.", Toast.LENGTH_SHORT).show();
                reload();
            }
        }
    });
}

private void googleSignIn() {
    Intent signInIntent = mGoogleSignInClient.getSignInIntent();
    startActivityForResult(signInIntent, 1001);
}

private void login(String email, String password) {

```

```

        progressDialog.show();
        mAuth.signInWithEmailAndPassword(email,
password).addOnCompleteListener(new OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task) {
                if(task.isSuccessful() && task.getResult() != null){
                    if(task.getResult().getUser() != null){
                        reload();
                    }else{
                        Toast.makeText(getApplicationContext(), "Login
Gagal! ", Toast.LENGTH_SHORT).show();
                    }
                }else{
                    Toast.makeText(getApplicationContext(), "Login Gagal!
", Toast.LENGTH_SHORT).show();
                }
                progressDialog.dismiss();
            }
        });
    }

    private void reload(){
        startActivity(new Intent(getApplicationContext(),
MainActivity.class));
    }

    @Override
    public void onActivityResult(int requestCode, int resultCode, Intent
data){
        super.onActivityResult(requestCode, resultCode, data);
        if(requestCode == 1001){
            Task<GoogleSignInAccount>task =
GoogleSignIn.getSignedInAccountFromIntent(data);
            try{
                GoogleSignInAccount account =
task.getResult(ApiException.class);
                Log.d("Google Sign IN", "firebaseAuthWithGoogle:" +
account.getId());
                firebaseAuthWithGoogle(account.getIdToken());
            }catch (ApiException e){
                Log.w("Google Sign IN", "Google Sign in failed", e );
            }
        }
        if(requestCode == 1002){
            mCallbackManager.onActivityResult(requestCode, resultCode,
data);
        }
    }

    private void firebaseAuthWithGoogle(String idToken){
        AuthCredential credential =
GoogleAuthProvider.getCredential(idToken, null);
        mAuth.signInWithCredential(credential)
            .addOnCompleteListener(this, new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task)
            {
                if(task.isSuccessful()){
                    Log.d("Google Sign IN",
"signInWithCredential:Success");
                    FirebaseUser user = mAuth.getCurrentUser();

```

```

        }else {
            Log.w("Google Sign
IN","signInWithCredential:Failure", task.getException());
        }
        reload();
    }
    });
}

@Override
public void onStart() {
    super.onStart();
    // Check if user is signed in (non-null) and update UI accordingly.
    FirebaseUser currentUser = mAuth.getCurrentUser();
    if(currentUser != null){
        reload();
    }
}
}

```

MainActivity.java

```

package com.mei.produkumkm;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.recyclerview.widget.StaggeredGridLayoutManager;

import android.app.ProgressDialog;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;

import android.util.Log;
import android.view.Menu;

import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import android.widget.ViewFlipper;

import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;
import com.google.firebase.auth.FirebaseAuth;
import com.mei.produkumkm.Util.ServerAPI;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.LinearLayoutManager;

```

```

import androidx.recyclerview.widget.RecyclerView;
import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import android.widget.ViewFlipper;
import com.riz.produkumkm.Util.ServerAPI;
import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;
import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
import java.text.DecimalFormat;
import java.util.ArrayList;
import java.util.List;
import java.util.ArrayList;

public class MainActivity extends AppCompatActivity
    implements ProdukAdapter.ItemClickListener {
    RecyclerView mRecyclerview;
    RecyclerView.Adapter mAdapter;
    RecyclerView.LayoutManager mManager;
    ArrayList<Produk> mItems;
    Button btnInsert, btnDelete;
    ProgressDialog pd;
    private ProdukAdapter adapter;
    private ArrayList<Produk> produkArrayList;
    private ArrayList<String> listGambar;
    ViewFlipper v_flipper;
    public double tot=0;
    String dataProduk[] = null;
    String ds[] = null;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        //image untuk slider, flipper
        int images[] = {R.drawable.keripik_ceker,
R.drawable.kerupukpalembang,R.drawable.kerupukrambak,
        R.drawable.kerupukseblak};
        v_flipper = findViewById(R.id.v_flipper);
        for (int i =0; i<images.length; i++){fliverImages(images[i]);}
        for (int image: images) fliverImages(image);
        mRecyclerview = (RecyclerView) findViewById(R.id.recycler_view);
        pd = new ProgressDialog(MainActivity.this);
        mItems = new ArrayList<>();
        loadJson();
        mAdapter = new ProdukAdapter(mItems,this);
        adapter= new ProdukAdapter(mItems, this );
        GridLayoutManager layoutManager=new GridLayoutManager(this,2);
        mRecyclerview.setLayoutManager(layoutManager);
        mRecyclerview.setAdapter(adapter);
    }

```

```

        //mAdapter.setClickListener(this);
        adapter.setClickListener(this);
    }
    public void postTotals()
    {
        TextView txtTot=(TextView) findViewById(R.id.totalPrice);
        DecimalFormat decimalFormat = new DecimalFormat("#,##0.00");
        txtTot.setText("Rp. "+decimalFormat.format(tot));
    }public void onClick(View view, int position) {
        //final Produk mhs = produkArrayList.get(position);
        final Produk mhs = mItems.get(position);
        Double price = Double.parseDouble(mhs.getKode());
        switch (view.getId()) {
            case R.id.txt_nama_produk:
                Toast.makeText(this, mhs.getNama(),
                    Toast.LENGTH_SHORT).show();
                Intent intent = new Intent(this, DetailActivity.class);
                intent.putExtra("kd_brg", mhs.getKode());
                intent.putExtra("nm_brg", mhs.getNama());
                intent.putExtra("harga", mhs.getHarga());
                intent.putExtra("gambar", mhs.getImg());
                startActivity(intent);return;
            case R.id.img_card:
                tot=tot+Double.parseDouble(mhs.getHarga());
                Toast.makeText(this,"gambare....." + mhs.getNama()
                    ,Toast.LENGTH_SHORT).show();
                postTotals();
                return;
            default:
                Toast.makeText(this,"lainnya..... -> " + mhs.getNama()+ "
                    Rp. "+tot ,Toast.LENGTH_SHORT).show();
                break;
        }
    }
    private void loadJson()
    {
        pd.setMessage("Mengambil Data");
        pd.setCancelable(false);
        pd.show();
        JSONArrayRequest reqData = new
            JSONArrayRequest(Request.Method.POST,
                ServerAPI.URL_DATA,null,new Response.Listener<JSONArray>() {
                    @Override
                    public void onResponse(JSONArray response) {
                        pd.cancel();
                        Log.d("volley","response : " + response.toString());
                        for(int i = 0 ; i < response.length(); i++)
                        {
                            try {
                                JSONObject data = response.getJSONObject(i);
                                Produk md = new Produk();
                                md.setKode(data.getString("kd_brg"));
                                md.setNama(data.getString("nm_brg"));
                                md.setHarga(data.getString("harga"));
                                md.setImg(data.getString("gambar"));

                                mItems.add(md);
                            } catch (JSONException e) {
                                e.printStackTrace();
                            }
                        }
                        adapter.notifyDataSetChanged();
                    }
                })
    }

```

```

        }, new Response.ErrorListener() {
            @Override
            public void
            onErrorResponse(VolleyError error) {
                pd.cancel();
                Log.d("volley", "error : " +
                    error.getMessage());
            }
        });
com.riz.produkumkm.Util.AppController.getInstance().addToRequestQueue(re
qData);
    }
    public void ambildata(){
        listGambar= new ArrayList<String>();
        listGambar.add("indosat1");
        listGambar.add("indosat2");
        listGambar.add("indosat3");
        listGambar.add("indosat4");
        listGambar.add("indosat5");
    }
    public void checkout(View view) {
        DecimalFormat decimalFormat = new DecimalFormat("#,##0.00");
        Toast.makeText(this,"Totol Rp. "+ decimalFormat.format(tot)
,Toast.LENGTH_SHORT).show();
        startActivity(new Intent(MainActivity.this, StatusActivity.class));
    }
    public void fliverImages(int images){
        ImageView imageView = new ImageView(this);
        imageView.setBackgroundResource(images);
        v_flipper.addView(imageView);
        v_flipper.setFlipInterval(4000);
        v_flipper.setAutoStart(true);
        v_flipper.setInAnimation(this,android.R.anim.slide_in_left);
        v_flipper.setOutAnimation(this,android.R.anim.slide_out_right);
    }

    /*    private int mCount = 0;
    TextView bayar;
    int kambing;
    RecyclerView recMakanan;
    RecyclerView.Adapter adapter;
    RecyclerView.LayoutManager layoutManager;
    ArrayList<Produk> listMakanan;

    public void hitung(View view){
        mCount++;

        Integer listHarga = 15000;

        bayar.setText(Integer.toString(kambing));

        if(bayar != null){
            kambing=mCount*listHarga;
        }
    }

```

```

    }
    void dataMakanan() {
        listMakanan = new ArrayList<>();
        listMakanan.add(new Produk("Keripik Tempe", "Keripik Tempe enak
banget terbuat dari tempe", 15000, R.drawable.keripicctempe));
        listMakanan.add(new Produk("Keripik Kaca", "Keripik Kaca sangat
berbahaya kalo tertelan dengan sendoknya", 15000,
R.drawable.keripickkaca));
        listMakanan.add(new Produk("Keripik Ubi", "Keripik Ubi sangat enak
cocok banget dimakan kalo lapar, kalo ga lapar juga gapapa sih", 15000,
R.drawable.keripickungu));
        listMakanan.add(new Produk("Keripik Pisang", "Gatau kenapa tapi
enak ehe", 15000, R.drawable.keripigpisang));
        listMakanan.add(new Produk("Keripik Bayam", "Ini Favorit gw, Gaada
yang bisa ngalahin enaknya", 15000, R.drawable.keripikbayam));
        listMakanan.add(new Produk("Keripik Sosis", "Keripik sosis aku suka
tapi aku lebih suka kamu >
```



```

        public boolean onOptionsItemSelected(@NonNull MenuItem item) {
            switch (item.getItemId()) {
                case R.id.action_status:
                    Toast.makeText(this, "@Meiza Pudjianto",
Toast.LENGTH_SHORT).show();
                    return true;
                case R.id.maps:
                    Uri gmmIntentUri =
Uri.parse("https://www.google.com/maps/place/Tanjung,+Kec.+Klego,+Kabupaten
+Boyolali,+Jawa+Tengah/@-
7.4013972,110.679,14.5z/data=!4m5!3m4!1s0x2e7a7317d819d8d5:0x5027a76e356d5b
0!8m2!3d-7.3998025!4d110.6910107");
                    Intent mapIntent = new Intent(Intent.ACTION_VIEW,
gmmIntentUri);
                    mapIntent.setPackage("com.google.android.apps.maps");
                    startActivity(mapIntent);
                    return true;
                case R.id.edituser:
                    startActivity(new Intent(MainActivity.this,
UpdateRegActivity.class));
                    return true;
                case R.id.logout:
                    FirebaseAuth.getInstance().signOut();
                    startActivity(new
Intent(getApplicationContext(), LoginActivity.class));
                    finish();
                    return true;
                case R.id.call_center:
                    Intent dialIntent = new Intent(Intent.ACTION_DIAL);
                    dialIntent.setData(Uri.parse("tel:+"+"6281542050406"));
                    startActivity(dialIntent);
                    return true;
                case R.id.sms_center:
                    Intent smsIntent = new Intent(Intent.ACTION_SENDTO,
Uri.parse("smsto:" + "+6281542050406"));
                    smsIntent.putExtra("sms_body", "Hallo! ");
                    startActivity(smsIntent);
                    return true;
                case R.id.action_order:
                    startActivity(new Intent(MainActivity.this,
PembayaranActivity.class));
                    return true;
            }
            return super.onOptionsItemSelected(item);
        }
    }

    /*public void pembayaran(View view) {
        startActivity(new Intent(MainActivity.this,
PembayaranActivity.class));
    }*/

```

PembayaranActivity.java

```

package com.mei.produkumkm;
import androidx.appcompat.app.AppCompatActivity;

import android.app.AlertDialog;
import android.content.Intent;

```

```

import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.TextView;
import android.widget.Toast;

import java.text.NumberFormat;
import java.util.Locale;

public class PembayaranActivity extends AppCompatActivity {
    EditText etBayar;
    Button btnBayar, btnClear;
    TextView tvKem;
    TextView bayar;
    TextView etharga;
    TextView Hasil;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_pembayaran);

        TextView pemb = (TextView) findViewById(R.id.totalpembayaran);
        getIntent().getExtras();
        pemb.setText("Total Yang harus dibayar: Rp."+
        getIntent().getStringExtra("data1"));

        etBayar= findViewById(R.id.etBayar);
        btnBayar=findViewById(R.id.btn_bayar);
        btnClear= findViewById(R.id.btn_clear);
        tvKem= findViewById(R.id.tvkem);
        bayar = findViewById(R.id.totalPrice);
        etharga = findViewById(R.id.etharga);

        etharga.setText(getIntent().getStringExtra("data1"));

        btnBayar.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Integer ebayar,totharga,hasil;
                totharga=Integer.valueOf(etharga.getText().toString().trim());
                ebayar=Integer.valueOf(etBayar.getText().toString().trim());
                hasil= ebayar - totharga;
                String hasill = String.valueOf(hasil);
                tvKem.setText(hasill);
            }
        });

        btnClear.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                etBayar.setText("");
                tvKem.setText("");
                pemb.setText("");
                etharga.setText("");
            }
        });
    }
}

```

```

    }
    });
}
}

```

Produk.java

```

package com.mei.produkumkm;
public class Produk {
    private String kode;
    private String nama;
    private String harga;
    private String desc;
    private int jumlah;
    private String img;
    public Produk() {}
    public Produk(String kode, String nama, String harga,String img, String
desc) {
        this.kode = kode;
        this.nama = nama;
        this.desc = desc;
        this.harga = harga;
        this.img=img;
    }

    public String getDesc() {return desc;}

    public void setDesc(String desc) {this.desc = desc;
}

    public String getNama() {
        return nama;
    }
    public void setNama(String nama) {
        this.nama = nama;
    }
    public String getKode() {
        return kode;
    }
    public void setKode(String kode) {
        this.kode = kode;
    }
    public String getHarga() {
        return harga;
    }
    public void setHarga(String harga) {
        this.harga = harga;
    }
    public void setImg(String img) {
        this.img = img;
    }
    public String getImg() { return
"https://meizapudjianto.000webhostapp.com/myadmin/uploads/"+img; }
    public int getJumlah() {
        return jumlah;
    }
    public void setJumlah(int jumlah) {
        this.jumlah = jumlah;
    }
}

```

ProdukAdapter.java

```
package com.mei.produkumkm;

import android.content.Context;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
import androidx.recyclerview.widget.RecyclerView;
import com.bumptech.glide.Glide;
import java.util.ArrayList;

public class ProdukAdapter extends
RecyclerView.Adapter<ProdukAdapter.ProdukViewHolder> {
    public interface ItemClickListener {
        void onClick(View view, int position);
    }
    private ArrayList<Produk> dataList;
    private String KEY_TOT="TOT";
    public double tot=0;
    Context context;
    int gambar[] = {R.drawable.keripik_ceker,
R.drawable.kerupukpalembang,R.drawable.kerupukrambak,
R.drawable.kerupukseblak,R.drawable.kerupukudang,R.drawable.gendar};
    public ProdukAdapter(ArrayList<Produk> dataList, Context context)
    {
        this.context=context;
        this.dataList = dataList;
    }
    private ItemClickListener clickListener;

    @Override
    public ProdukViewHolder onCreateViewHolder(ViewGroup parent, int
viewType) {
        LayoutInflater inflater =
LayoutInflater.from(parent.getContext());
        View view = inflater.inflate(R.layout.list_menu, parent,
false);
        return new ProdukViewHolder(view);
    }

    @Override
    public void onBindViewHolder(final ProdukViewHolder holder, int
position){
        holder.txtNama.setText(dataList.get(position).getNama());
        holder.txtKode.setText(dataList.get(position).getKode());
        holder.txtHarga.setText(dataList.get(position).getHarga());
        //holder.icon.setImageResource(gambar[position]);
        //holder.icon.setImageResource(dataList.get(position).getImg());
        //penggunaan library glide
        Glide.with(context) //konteks bisa didapat dari activity yang
sedang berjalan
            .load(dataList.get(position).getImg()) // mengambil data
dengan cara "list.get(position)" mendapatkan isi berupa objek Menu.
kemudian "Menu.geturlGambar"
            .thumbnail(0.5f) // resize gambar menjadi setengahnya
            .into(holder.icon); // mengisi ke imageView
        // penggunaan library Picasso
    }
}
```

```

        // Picasso.with(context).load(dataList.get(position)
        //                .getImg()).resize(50, 50)
        //                .into(holder.icon);
    }

    @Override
    public int getItemCount() {
        return (dataList != null) ? dataList.size() : 0;
    }
    public void setClickListener(ItemClickListener clickListener) {
        this.clickListener = clickListener;
    }
    public class ProdukViewHolder extends RecyclerView.ViewHolder
implements View.OnClickListener{
        private TextView txtNama, txtKode, txtHarga;
        private ImageView icon;
        public ProdukViewHolder(View itemView) {
            super(itemView);
            txtNama = (TextView)
itemView.findViewById(R.id.txt_nama_produk);
            txtKode = (TextView)
itemView.findViewById(R.id.txt_kode_produk);
            txtHarga = (TextView)
itemView.findViewById(R.id.txt_harga_produk);
            icon=(ImageView) itemView.findViewById(R.id.img_card);
            itemView.setTag(itemView);
            itemView.setOnClickListener(this);
            txtNama.setOnClickListener(this);
            icon.setOnClickListener(this);
        }
        @Override
        public void onClick(View view) {
            if(clickListener != null) clickListener.onClick(view,
                getAdapterPosition());
        }
    }
    public double getTot()
    {
        return tot;
    }
    public void setTot(double tot)
    {
        this.tot=tot;
    }
}

```

RegisterActivity.java

```

package com.mei.produkumkm;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import android.app.AlertDialog;
import android.os.Bundle;
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;

```

```

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.google.firebase.auth.UserProfileChangeRequest;

public class RegisterActivity extends AppCompatActivity {
    private Button btnLogin, btnDaftar;
    private EditText editName, editEmail, editPassword, editPasswordconf;
    private FirebaseAuth mAuth;
    private ProgressDialog progressDialog;

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

        getSupportActionBar().hide();

        editName = findViewById(R.id.inputNama);
        editEmail = findViewById(R.id.inputemail);
        editPassword = findViewById(R.id.inputPass);
        editPasswordconf = findViewById(R.id.inputPassconf);
        mAuth = FirebaseAuth.getInstance();
        btnLogin = findViewById(R.id.btnLogin);
        btnDaftar = findViewById(R.id.regss);
        progressDialog = new ProgressDialog(RegisterActivity.this);
        progressDialog.setTitle("Loading");
        progressDialog.setMessage("Silahkan Tunggu!");
        progressDialog.setCancelable(false);
        btnLogin.setOnClickListener(v -> {
            finish();
        });
        btnDaftar.setOnClickListener(v -> {
            if (editName.getText().length() > 0 &&
                editEmail.getText().length() > 0 && editPassword.getText().length() > 0 &&
                editPasswordconf.getText().length() > 0) {

                if (editPassword.getText().toString().equals(editPasswordconf.getText().toString())) {
                    register(editName.getText().toString(),
                        editEmail.getText().toString(), editPassword.getText().toString());
                } else {
                    Toast.makeText(getApplicationContext(), "Password tidak sama!", Toast.LENGTH_SHORT).show();
                }
            } else {
                Toast.makeText(getApplicationContext(), "Silahkan isi semua data!", Toast.LENGTH_SHORT).show();
            }
        });
    }

    private void register(String nama, String email, String password) {
        progressDialog.show();

        mAuth.createUserWithEmailAndPassword(email, password).addOnCompleteListener(
            new OnCompleteListener<AuthResult>() {
                @Override
                public void onComplete(@NonNull Task<AuthResult> task) {

```

```

        if(task.isSuccessful() && task.getResult() != null){
            FirebaseUser firebaseUser = task.getResult().getUser();
            if(firebaseUser != null) {
                UserProfileChangeRequest request = new
                UserProfileChangeRequest.Builder()
                    .setDisplayName(nama)
                    .build();

                firebaseUser.updateProfile(request).addOnCompleteListener(new
                OnCompleteListener<Void>() {
                    @Override
                    public void onComplete(@NonNull Task<Void>
                task) {
                        reload();
                    }
                });
            }else{
                Toast.makeText(getApplicationContext(),"Register
                Gagal!",Toast.LENGTH_SHORT).show();
            }
        }

        else{Toast.makeText(getApplicationContext(),task.getException().getLocalize
        dMessage(),Toast.LENGTH_SHORT).show();
        }

        });progressDialog.dismiss();
    }
    private void reload(){
        startActivity(new Intent(getApplicationContext(),
        MainActivity.class));
    }
    @Override
    public void onStart() {
        super.onStart();
        // Check if user is signed in (non-null) and update UI accordingly.
        FirebaseUser currentUser = mAuth.getCurrentUser();
        if(currentUser != null){
            reload();
        }
    }
}

```

SplashActivity.java

```

package com.mei.produkumkm;

import androidx.appcompat.app.AppCompatActivity;

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

public class SplashActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        getSupportActionBar().hide();
        super.onCreate(savedInstanceState);
    }
}

```

```

        setContentView(R.layout.activity_splash);
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                startActivity(new Intent(SplashActivity.this,
LoginActivity.class));
                finish();
            }
        }, 3000);
    }
}

```

StatusActivity.java

```

package com.mei.produkumkm;
import android.app.ProgressDialog;

import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.Color;
import android.net.Uri;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;
import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;
import com.android.volley.toolbox.StringRequest;
import com.mei.produkumkm.R;
import com.mei.produkumkm.Util.AppController;
import com.mei.produkumkm.Util.FileUtils;
import com.mei.produkumkm.Util.ServerAPI;
import com.google.android.material.snackbar.Snackbar;
import com.itextpdf.text.BaseColor;
import com.itextpdf.text.Chunk;
import com.itextpdf.text.Document;
import com.itextpdf.text.DocumentException;
import com.itextpdf.text.Element;
import com.itextpdf.text.Font;
import com.itextpdf.text.PageSize;
import com.itextpdf.text.Paragraph;
import com.itextpdf.text.pdf.BaseFont;
import com.itextpdf.text.pdf.PdfWriter;
import com.itextpdf.text.pdf.draw.LineSeparator;
import com.kosalgeek.android.photoutil.GalleryPhoto;
import com.kosalgeek.android.photoutil.ImageBase64;
import com.kosalgeek.android.photoutil.ImageLoader;
import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;

```



```

import java.text.DecimalFormat;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.HashMap;
import java.util.Locale;
import java.util.Map;
public class StatusActivity extends AppCompatActivity {
    int bayar, kembali;
    TextView status, tanggal, nota, username, total;
    ImageView imgStatus, gambar;
    Button btnsimpan, btncetak, btngallery;
    ProgressDialog pd;
    DecimalFormat decimalFormat;
    GalleryPhoto mGalery;
    String encode_image = null;
    private final int TAG_GALLERY = 2222;
    String selected_photo = null;
    public static final String TAG_USERNAME = "username";
    String date;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_status);
        status = (TextView) findViewById(R.id.text_status);
        tanggal = (TextView) findViewById(R.id.tanggal);
        nota = (TextView) findViewById(R.id.no_nota);
        username = (TextView) findViewById(R.id.user);
        username.setText(getIntent().getStringExtra(TAG_USERNAME));
        total = (TextView) findViewById(R.id.total_biaya);
        imgStatus = (ImageView) findViewById(R.id.img_status);
        gambar = (ImageView) findViewById(R.id.inp_gambar);
        btngallery = (Button) findViewById(R.id.btn_gallery);
        btncetak = (Button) findViewById(R.id.btn_cetak);
        btnsimpan = (Button) findViewById(R.id.btn_simpan);
        date = new SimpleDateFormat("yyyy-MM-
dd", Locale.getDefault()).format(new Date());
        decimalFormat = new DecimalFormat("#,##0.00");
        pd = new ProgressDialog(StatusActivity.this);
        mGalery = new GalleryPhoto(getApplicationContext());
        loadJson();
        btngallery.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                startActivityResult(mGalery.openGalleryIntent(),
TAG_GALLERY);
            }
        });
        btncetak.setOnClickListener(new View.OnClickListener()
        {
            @Override
            public void onClick(View view) {
                createPDF();
            }
        });
        btnsimpan.setOnClickListener(new View.OnClickListener()
        {
            @Override
            public void onClick(View view) {
                if (selected_photo != null) {
                    simpanData();
                }
            }
        });
    }
}

```

```

        else {
            Toast.makeText(getApplicationContext(),
                "Upload bukti pembayaran terlebih dahulu",
                Toast.LENGTH_LONG).show();
        }
    });
}

private void loadJson() {
    pd.setMessage("Loading");
    pd.setCancelable(false);
    pd.show();
    StringRequest sendData = new
        StringRequest(Request.Method.POST,
            ServerAPI.URL_DASHBOARD_JUAL, new Response.Listener<String>() {
                @Override

                public void onResponse(String response) {

                    pd.cancel();
                    try {
                        JSONObject data = new JSONObject(response);
                        tanggal.setText(data.getString("tanggal"));
                        nota.setText(data.getString("no_nota"));
                        bayar = data.getInt("pembayaran");
                        kembali = data.getInt("kembalian");
                        total.setText("Rp. " +
                            decimalFormat.format(data.getInt("total_biaya")));
                        if (data.getInt("status") == 1) {
                            status.setText("Sudah Dibayar");
                            status.setTextColor(Color.GREEN);
                            imgStatus.setImageResource(R.drawable.bar);
                            btngallery.setVisibility(View.GONE);
                            btnsimpan.setVisibility(View.GONE);

                            findViewById(R.id.rekening).setVisibility(View.GONE);
                        } else if (data.getInt("status") == 0) {
                            status.setText("Belum Dibayar");
                            status.setTextColor(Color.RED);

                            imgStatus.setImageResource(R.drawable.barlog);
                            btncetak.setVisibility(View.GONE);
                        }
                    } catch (JSONException e) {
                        e.printStackTrace();
                    }
                }
            },
            new Response.ErrorListener() {
                @Override
                public void onErrorResponse(VolleyError error) {
                    pd.cancel();
                    Log.d("volley", "error : " + error.getMessage());
                }
            }) {
                @Override
                protected Map<String, String> getParams() {
                    Map<String, String> map = new HashMap<>();
                    map.put("username", username.getText().toString());
                    return map;
                }
            }

```

```

        };
        AppController.getInstance().addToRequestQueue(sendData,
"json_obj_req");
    }
    private void simpanData() {
        pd.setMessage("Mengirim Data");
        pd.setCancelable(false);
        pd.show();
        try {
            Bitmap bitmap =
ImageLoader.init().from(selected_photo).requestSize(1024,
1024).getBitmap();
            encode_image = ImageBase64.encode(bitmap);
            Log.d("ENCODER", encode_image);
            StringRequest sendData = new StringRequest(Request.Method.POST,
ServerAPI.URL_JUAL2,
                new Response.Listener<String>() {
                    @Override
                    public void onResponse(String response)
                    {
                        pd.cancel();
                        try {
                            JSONObject res = new JSONObject(response);
                            Toast.makeText(StatusActivity.this, "pesan
: " + res.getString("message"), Toast.LENGTH_SHORT).show();
                        } catch (JSONException e) {
                            e.printStackTrace();
                        }
                        Intent intent = new
Intent(getApplicationContext(), StatusActivity.class);
                        intent.putExtra(TAG_USERNAME,
username.getText().toString());
                        startActivity(intent);
                        finish();
                    }
                },
                new Response.ErrorListener() {
                    @Override

                    public void onErrorResponse(VolleyError
error) {
                        pd.cancel();
                        Toast.makeText(StatusActivity.this,
"pesan : Gagal Kirim Data",
Toast.LENGTH_SHORT).show();
                    }
                }) {
            @Override
            protected Map<String, String> getParams() {
                Map<String, String> map = new HashMap<>();
                map.put("no_nota", nota.getText().toString());
                map.put("gambar", encode_image);
                return map;
            }
        };

        AppController.getInstance().addToRequestQueue(sendData);
    } catch (FileNotFoundException e) {
        e.printStackTrace();
    }
}
@Override

```

```

        protected void onActivityResult(int requestCode, int resultCode, Intent
data) {
            super.onActivityResult(requestCode, resultCode, data);
            if (resultCode == RESULT_OK) {
                if (requestCode == TAG_GALLERY) {
                    Uri uri_path = data.getData();
                    mGalery.setPhotoUri(uri_path);
                    String path = mGalery.getPath();
                    selected_photo = path;
                    try {
                        Bitmap bitmap;
                        bitmap = ImageLoader.init().from(path).requestSize(512,
512).getBitmap();
                        gambar.setImageBitmap(bitmap);
                        Snackbar.make(findViewById(android.R.id.content),
"Success Loader Image", Snackbar.LENGTH_SHORT).show();
                    } catch (FileNotFoundException e) {
                        e.printStackTrace();
                        Snackbar.make(findViewById(android.R.id.content),
"Something Wrong", Snackbar.LENGTH_SHORT).show();
                    }
                }
            }
            public void createPDF() {
                SimpleDateFormat s = new SimpleDateFormat("ddMMyyyyhhmmss");
                String format = s.format(new Date());
                Document doc = new Document();
                String outPath = FileUtils.getAppPath(getApplicationContext()) +
"/" + format + ".pdf";
                try {
                    PdfWriter.getInstance(doc, new FileOutputStream(outPath));
                    doc.open();
                } catch (Exception e) {
                    e.printStackTrace();
                }
                // Document Settings
                doc.setPageSize(PageSize.A4);
                doc.addCreationDate();
                doc.addAuthor("Ivan");
                doc.addCreator("Ivan");

                /**
                 * How to USE FONT....
                 */
                BaseFont urName =
BaseFont.createFont("assets/fonts/brandon_medium.otf", "UTF-
8", BaseFont.EMBEDDED);
                /**
                 * Variables for further use....
                 */
                BaseColor mColorAccent = new BaseColor(0, 153, 204, 255);
                float mHeadingFontSize = 20.0f;
                float mValueFontSize = 26.0f;
                Font mTitleFont = new Font(urName, 36.0f, Font.NORMAL,
BaseColor.BLACK);
                Font mHeadingFont = new Font(urName, mHeadingFontSize,
Font.NORMAL, mColorAccent);
                Font mValueFont = new Font(urName, mValueFontSize, Font.NORMAL,
BaseColor.BLACK);
                // LINE SEPARATOR
                LineSeparator lineSeparator = new LineSeparator();
                lineSeparator.setLineColor(new BaseColor(0, 0, 0, 68));
                // Order Details...

                // Title

```

```

        Chunk mTitleChunk = new Chunk("Invoice", mTitleFont);
        Paragraph mTitleParagraph = new Paragraph(mTitleChunk);
        mTitleParagraph.setAlignment(Element.ALIGN_CENTER);
        doc.add(mTitleParagraph);
// Adding Line Breakable Space....
        doc.add(new Paragraph(""));
// Adding Horizontal Line...
        doc.add(new Chunk(lineSeparator));
// Adding Line Breakable Space....
        doc.add(new Paragraph(""));
// Tanggal
        Chunk mDateChunk = new Chunk("Order Date:", mHeadingFont);
        Paragraph mOrderDateParagraph = new Paragraph(mDateChunk);
        doc.add(mOrderDateParagraph);
        Chunk mDateValueChunk = new Chunk(date, mValueFont);
        Paragraph mDateValueParagraph = new Paragraph(mDateValueChunk);
        doc.add(mDateValueParagraph);
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));
// Akun
        Chunk mAcNameChunk = new Chunk("Account Name:", mHeadingFont);
        Paragraph mAcNameParagraph = new Paragraph(mAcNameChunk);
        doc.add(mAcNameParagraph);
        Chunk mAcNameValueChunk = new
Chunk(username.getText().toString(), mValueFont);
        Paragraph mAcNameValueParagraph = new
Paragraph(mAcNameValueChunk);
        doc.add(mAcNameValueParagraph);
//adds paragraph and line seperator
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));
// Total
        Chunk mAmountChunk = new Chunk("Total Amount:", mHeadingFont);
        Paragraph mAmountParagraph = new Paragraph(mAmountChunk);
        doc.add(mAmountParagraph);
        Chunk mAmountValueChunk = new Chunk(total.getText().toString(),
mValueFont);
        Paragraph mAmountValueParagraph = new
Paragraph(mAmountValueChunk);
        doc.add(mAmountValueParagraph);
//adds paragraph and line seperator
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));
// Pembayaran
        Chunk mCashChunk = new Chunk("Cash:", mHeadingFont);
        Paragraph mCashParagraph = new Paragraph(mCashChunk);
        doc.add(mCashParagraph);
        Chunk mCashValueChunk = new Chunk("Rp. " +
decimalFormat.format(bayar), mValueFont);
        Paragraph mCashValueParagraph = new Paragraph(mCashValueChunk);
        doc.add(mCashValueParagraph);
//adds paragraph and line seperator
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));
// Kembalian
        Chunk mChangeChunk = new Chunk("Change:", mHeadingFont);
        Paragraph mChangeParagraph = new Paragraph(mChangeChunk);

```

```

        doc.add(mChangeParagraph);
        Chunk mChangeValueChunk = new Chunk("Rp. " +
decimalFormat.format(kembali), mValueFont);
        Paragraph mChangeValueParagraph = new
Paragraph(mChangeValueChunk);
        doc.add(mChangeValueParagraph);
//adds paragraph and line seperator
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));
        doc.close();
        FileUtils.openFile(getApplicationContext(), new File(outPath));
    } catch (DocumentException e) {
        e.printStackTrace();
    } catch (FileNotFoundException e) {
        e.printStackTrace();
    } catch (IOException e) {
        e.printStackTrace();
    }
}
}
}

```

UpdateRegActivity.java

```

package com.mei.produkumkm;

import static android.content.ContentValues.TAG;

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

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

import android.content.Intent;
import android.content.SharedPreferences;

import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.google.firebase.auth.UserProfileChangeRequest;

public class UpdateRegActivity extends AppCompatActivity {
    private FirebaseUser firebaseUser;
    private Button btnUpdate;
    private FirebaseAuth mAuth;
    private TextView name;
    private EditText editemail,editpassword;
    @SuppressLint("SetTextI18n")
    @Override

```

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_update_reg);
    getSupportActionBar().hide();

    name = findViewById(R.id.nams);
    firebaseUser = FirebaseAuth.getInstance().getCurrentUser();
    if(firebaseUser.getDisplayName() != null) {
        name.setText(firebaseUser.getDisplayName());
    }else{
        name.setText("Login Gagal!");
    }
    mAuth = FirebaseAuth.getInstance();
    btnUpdate = findViewById(R.id.btnUpdate);
    editemail = findViewById(R.id.updateemail);
    editpassword = findViewById(R.id.updatepass);
    btnUpdate.setOnClickListener(v->{
        update(editemail.getText().toString(),
        editpassword.getText().toString());
    });
}
private void update(String email, String password) {
mAuth.createUserWithEmailAndPassword(email,password).addOnCompleteListener(
new OnCompleteListener<AuthResult>() {
    @Override
    public void onComplete(@NonNull Task<AuthResult> task) {
        FirebaseUser user =
FirebaseAuth.getInstance().getCurrentUser();
        user.updateEmail("user@example.com");
        String newPassword = "SOME-SECURE-PASSWORD";
        user.updatePassword(newPassword)
            .addOnCompleteListener(new
OnCompleteListener<Void>() {
                @Override
                public void onComplete(@NonNull Task<Void>
task) {
                    if (task.isSuccessful()) {
                        Log.d(TAG, "User email address
updated.");
                    }
                }
            });
    }
});
}
}
}

```

activity_detail.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"
    tools:context=".DetailActivity"

```

```

        android:background="@drawable/bgthm">

        <ImageView
            android:id="@+id/imgFotodtl"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:adjustViewBounds="true"
            android:scaleType="fitXY"
            app:srcCompat="@drawable/keripik_ceker" />

        <Space
            android:layout_width="match_parent"
            android:layout_height="20dp" />

        <TextView
            android:id="@+id/txtNamadtl"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:paddingLeft="10dp"
            android:text="Nama Makanan"
            android:textColor="#000000"
            android:textSize="20sp"
            android:textStyle="bold"
            android:background="@color/blue"/>

        <Space
            android:layout_width="match_parent"
            android:layout_height="20dp" />

        <TextView
            android:id="@+id/txtDeskripsidtl"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:paddingLeft="10dp"
            android:text="Deskripsi makanan"
            android:textColor="#000000"
            android:textSize="16sp"
            android:background="@color/blue"/>

        <Space
            android:layout_width="match_parent"
            android:layout_height="20dp" />

        <TextView
            android:id="@+id/txtHargadtl"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:paddingLeft="10dp"
            android:text="Harga"
            android:textColor="#000000"
            android:textSize="18sp"
            android:textStyle="bold"
            android:background="@color/blue" />
    </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:orientation="vertical"
android:background="@drawable/bgthm"
tools:context=".LoginActivity">

<LinearLayout

    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:padding="20dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="30dp"
    android:layout_marginBottom="19dp"
    android:layout_marginRight="20dp">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:fontFamily="sans-serif-light"
        android:text="Welcome"
        android:textAlignment="center"
        android:textColor="@color/black"
        android:textSize="20sp" />

    <ImageView
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:layout_marginTop="10dp"
        android:src="@drawable/splash2"
        android:layout_gravity="center"/>

    <EditText
        android:id="@+id/email"
        android:layout_width="match_parent"
        android:layout_height="62dp"
        android:layout_marginTop="20dp"
        android:layout_marginBottom="15dp"
        android:background="@drawable/bar"
        android:hint="Email"
        android:inputType="textEmailAddress"
        android:padding="15dp"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:textSize="15dp" />

    <EditText
        android:id="@+id/pass"
        android:layout_width="match_parent"
        android:layout_height="63dp"
        android:layout_marginBottom="25dp"
        android:background="@drawable/bar"
        android:hint="Password"
        android:inputType="textPassword"
        android:padding="15dp"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"

        android:textSize="15dp" />

```

```

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/btnLogin"
            android:layout_width="match_parent"
            android:layout_height="56dp"
            android:layout_marginBottom="15dp"
            android:background="@drawable/barlog"
            android:text="Login"
            android:textColor="@android:color/white"
            android:textSize="16sp" >
        </androidx.appcompat.widget.AppCompatButton>
        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/btnRegis"
            android:layout_width="match_parent"
            android:layout_height="58dp"
            android:background="@drawable/barlog"
            android:text="Daftar"
            android:textColor="@android:color/white"
            android:textSize="16sp" >
    </androidx.appcompat.widget.AppCompatButton>
    <com.google.android.gms.common.SignInButton
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/btnGoogle"
        android:layout_marginTop="13dp"

        />

    <com.facebook.login.widget.LoginButton
        android:id="@+id/btnFacebook"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="13dp"
        android:layout_marginBottom="30dp" />

</LinearLayout>
</LinearLayout>

```

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/activity_main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/bgthm"
    tools:context=".MainActivity">

    <ViewFlipper
        android:id="@+id/v_flipper"
        android:layout_width="match_parent"
        android:layout_height="202dp"
        android:layout_centerHorizontal="true"></ViewFlipper>

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/recycler_view"
        android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"
        android:layout_below="@id/v_flipper" />
<TextView
    android:id="@+id/totalPrice"
    android:layout_width="match_parent"
    android:layout_height="30dp"
    android:layout_alignParentBottom="true"
    android:background="@color/cardview_dark_background"
    android:gravity="center"
    android:onClick="checkout"
    android:textColor="@color/cardview_light_background"
    android:textSize="15sp" />

<RelativeLayout
    android:id="@+id/priceView"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_below="@id/recycler_view"
    android:layout_gravity="bottom"
    android:gravity="bottom">

    </RelativeLayout>
</RelativeLayout>

```

activity_pembayaran.xml

```

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

    <TextView
        android:id="@+id/totalpembayaran"
        android:layout_width="match_parent"
        android:layout_height="48dp"
        android:background="@color/ac"
        android:padding="10dp"
        android:text="Data1"
        android:textAlignment="center"
        android:textColor="@color/black"
        android:textSize="20dp" />

    <TextView
        android:id="@+id/order_intro_text"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/totalpembayaran"
        android:layout_marginTop="10dp"
        android:textAlignment="center"
        android:background="@color/ac"
        android:padding="10dp"
        android:text="Harga"
        android:textColor="@color/black"
        android:textSize="@dimen/intro_text_size" />

```

```

<TextView
    android:id="@+id/bayar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/etharga"
    android:layout_marginTop="10dp"
    android:background="@color/ac"
    android:padding="10dp"
    android:text="Bayar"
    android:textAlignment="center"
    android:textSize="20dp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/kembalian"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/btn_bayar"
    android:background="@color/ac"
    android:padding="7dp"
    android:text="Kembalian"
    android:textAlignment="center"
    android:textSize="20dp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/tvkem"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/kembalian"

    android:background="@color/ac"
    android:padding="7dp"
    android:text="0"
    android:textAlignment="center"
    android:textSize="20dp"
    android:textStyle="bold" />

<EditText
    android:id="@+id/etBayar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/bayar"
    android:background="@color/ac"
    android:ems="10"
    android:hint="Input Uangmu"
    android:inputType="textPersonName"
    android:padding="10dp"
    android:paddingTop="10dp"
    android:textSize="20dp" />

<TextView
    android:id="@+id/etharga"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/order_intro_text"
    android:layout_marginTop="0dp"
    android:background="@color/ac"
    android:ems="10"
    android:hint="Input Harga Diatas"

```

```

        android:inputType="textPersonName"
        android:padding="7dp"
        android:textSize="20dp" />

        <Button
            android:id="@+id/btn_bayar"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_below="@+id/etBayar"
            android:text="Bayar" />

        <Button
            android:id="@+id/btn_clear"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_alignParentBottom="true"
            android:text="Clear" />

</RelativeLayout>

```

activity_register.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:background="@drawable/bgthm"
    android:orientation="vertical"
    tools:context=".RegisterActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="5dp"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="20dp"
        android:layout_marginRight="20dp">

        <TextView
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:fontFamily="sans-serif-light"
            android:text="Register"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="24sp" />

        <ImageView
            android:layout_width="128dp"
            android:layout_height="128dp"
            android:layout_marginTop="20dp"
            android:layout_marginBottom="20dp"
            android:src="@drawable/splash2"
            android:layout_gravity="center"/>

    <EditText

```

```

        android:id="@+id/inputNama"
        android:layout_width="match_parent"
        android:layout_height="59dp"
        android:layout_marginBottom="15dp"
        android:background="@drawable/bar"
        android:hint="Nama"
        android:inputType="textPersonName"
        android:padding="15dp"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:textSize="15dp" />

<EditText
    android:id="@+id/inputemail"
    android:layout_width="match_parent"
    android:layout_height="62dp"
    android:layout_marginBottom="15dp"
    android:background="@drawable/bar"
    android:hint="Email"
    android:inputType="textEmailAddress"
    android:padding="15dp"
    android:textColor="@android:color/white"
    android:textColorHint="@android:color/white"
    android:textSize="15dp" />

<EditText
    android:id="@+id/inputPass"
    android:layout_width="match_parent"
    android:layout_height="64dp"
    android:layout_marginBottom="15dp"
    android:background="@drawable/bar"
    android:hint="Password"
    android:inputType="textPassword"
    android:padding="15dp"
    android:textColor="@android:color/white"
    android:textColorHint="@android:color/white"
    android:textSize="15dp" />

<EditText
    android:id="@+id/inputPassconf"
    android:layout_width="match_parent"
    android:layout_height="64dp"
    android:layout_marginBottom="15dp"
    android:background="@drawable/bar"
    android:hint="Password Confirmation"
    android:inputType="textPassword"
    android:padding="15dp"
    android:textColor="@android:color/white"
    android:textColorHint="@android:color/white"
    android:textSize="15dp" />

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/regss"
    android:layout_width="match_parent"
    android:layout_height="60dp"
    android:layout_marginBottom="15dp"
    android:background="@drawable/barlog"
    android:text="Daftar"
    android:textColor="@android:color/white"
    android:textSize="16sp"></androidx.appcompat.widget.AppCompatButton>

```

```

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/btnLogin"
            android:layout_width="match_parent"
            android:layout_height="64dp"
            android:layout_marginBottom="15dp"
            android:background="@drawable/barlog"
            android:text="Login"
            android:textColor="@android:color/white"

android:textSize="16sp"></androidx.appcompat.widget.AppCompatButton>
    </LinearLayout>
</LinearLayout>

```

activity_splash.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".LoginActivity"
    android:orientation="vertical"
    android:background="@drawable/splash"
>

    <ImageView
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:layout_centerInParent="true"
        android:src="@drawable/splash2" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_centerInParent="true"
        android:layout_marginBottom="125dp"
        android:fontFamily="@font/akaya_telivigala"
        android:text="Selamat Datang Di E-Tanjung Klego"
        android:textColor="#fff"
        android:textSize="24sp"
        android:textStyle="normal" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_centerHorizontal="true"
        android:layout_marginBottom="100dp"
        android:fontFamily="@font/akaya_telivigala"
        android:text="Meiza Pudjianto"
        android:textColor="#fff"
        android:textSize="17sp"
        android:textStyle="normal" />
</RelativeLayout>

```

activity_status.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp"
    tools:context=".StatusActivity">
    <LinearLayout
        android:id="@+id/linearLayout1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="#f0e8e8"
        android:gravity="center_horizontal"
        android:orientation="vertical">
        <TextView
            android:id="@+id/rekening"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="10dp"
            android:gravity="center"
            android:text="Transfer ke Rekening BRI :089801003944503"
            android:textColor="@android:color/black" />
        <LinearLayout
            android:id="@+id/linearLayout"
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_marginTop="20dp"
            android:orientation="horizontal">
            <ImageView
                android:id="@+id/img_status"
                android:layout_width="20dp"
                android:layout_height="20dp"
                android:src="@drawable/ic_launcher_foreground"
            />
            <TextView
                android:id="@+id/text_status"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Status Bayar"
                android:textSize="20dp" />
        </LinearLayout>
        <TextView
            android:id="@+id/tanggal"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="5dp"
            android:layout_marginBottom="20dp"
            android:gravity="center"
            android:text="Tanggal"
            android:textColor="@android:color/black" />
    </LinearLayout>
    <TextView
        android:id="@+id/satu"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/linearLayout1"
        android:layout_marginTop="20dp"
        android:text="Pemesanan Cemilan-Ku"
        android:textColor="@color/colorPrimary"
        android:textSize="15dp" />

```



```

<TextView
    android:id="@+id/dua"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/satu"
    android:layout_marginTop="10dp"
    android:text="No. Nota"

    android:textAppearance="@style/TextAppearance.AppCompat.Small"
/>
<TextView
    android:id="@+id/no_nota"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/dua"
    android:layout_marginTop="10dp"
    android:text="123"
    android:textAppearance="@style/TextAppearance.AppCompat.Medium"
/>
<View
    android:id="@+id/garis1"
    android:layout_width="match_parent"
    android:layout_height="1dp"
    android:layout_below="@id/no_nota"
    android:background="@android:color/darker_gray" />

<TextView
    android:id="@+id/tiga"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/garis1"
    android:layout_marginTop="10dp"
    android:text="Username"
    android:textAppearance="@style/TextAppearance.AppCompat.Small" />

<TextView
    android:id="@+id/user"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/tiga"
    android:layout_marginTop="10dp"
    android:text="user"

    android:textAppearance="@style/TextAppearance.AppCompat.Medium" />

<View
    android:id="@+id/garis2"
    android:layout_width="match_parent"
    android:layout_height="1dp"
    android:layout_below="@id/user"
    android:background="@android:color/darker_gray" />
<TextView
    android:id="@+id/empat"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/garis2"
    android:layout_marginTop="10dp"
    android:text="Detail Pembayaran"
    android:textColor="@color/colorPrimary"
    android:textSize="15dp" />

```

```

<LinearLayout
    android:id="@+id/linearLayout2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/empat"
    android:layout_marginTop="10dp"
    android:orientation="horizontal">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="Total Pembayaran"
        android:textAppearance="@style/TextAppearance.AppCompat.Small"
    />
    <TextView
        android:id="@+id/total_biaya"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:gravity="right"
        android:text="999"
        android:textAppearance="@style/TextAppearance.AppCompat.Medium"
    />
</LinearLayout>

<Button
    android:id="@+id/btn_gallery"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/linearLayout2"
    android:layout_marginTop="64dp"
    android:background="#f0e8e8"
    android:text="UPLOAD BUKTI PEMBAYARAN"
    android:textColor="@color/colorPrimary" />

<Button
    android:id="@+id/btn_cetak"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/linearLayout2"
    android:layout_marginTop="10dp"
    android:background="#f0e8e8"
    android:text="CETAK PDF"
    android:textColor="@color/colorPrimary" />

<ImageView
    android:id="@+id/inp_gambar"
    android:layout_width="379dp"
    android:layout_height="161dp"
    android:layout_below="@id/btn_gallery"
    android:layout_marginTop="10dp"
    android:scaleType="centerCrop" />

<Button
    android:id="@+id/btn_simpan"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/inp_gambar"
    android:layout_marginTop="10dp"
    android:background="#f0e8e8"
    android:text="KIRIM BUKTI PEMBAYARAN"

```

```

        android:textColor="@color/colorPrimary" />
</RelativeLayout>

```

activity_update_reg.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:background="@drawable/bgthm"
    android:orientation="vertical"
    tools:context=".UpdateRegActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="517dp"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="20dp"
        android:layout_marginRight="20dp"
        android:orientation="vertical"
        android:padding="5dp">

        <ImageView
            android:layout_width="128dp"
            android:layout_height="128dp"
            android:layout_gravity="center"
            android:layout_marginTop="50dp"
            android:layout_marginBottom="20dp"
            android:src="@drawable/splash2" />

        <TextView
            android:id="@+id/nams"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:layout_marginBottom="15dp"
            android:text=" ... "
            android:textAlignment="center"
            android:padding="15dp"
            android:textColor="@android:color/white"
            android:textColorHint="@android:color/white"
            android:textSize="30dp" />

        <EditText
            android:id="@+id/updateemail"
            android:layout_width="match_parent"
            android:layout_height="63dp"
            android:layout_marginBottom="15dp"
            android:background="@drawable/bar"
            android:hint="Email"
            android:inputType="text"

            android:padding="15dp"
            android:textColor="@android:color/white"
            android:textColorHint="@android:color/white"
            android:textSize="15dp" />

        <EditText

```

```

        android:id="@+id/updatepass"
        android:layout_width="match_parent"
        android:layout_height="64dp"
        android:layout_marginBottom="15dp"
        android:background="@drawable/bar"
        android:hint="Password"
        android:inputType="textPassword"
        android:padding="15dp"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:textSize="15dp" />

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/btnUpdate"
    android:layout_width="match_parent"
    android:layout_height="67dp"
    android:layout_marginBottom="15dp"
    android:background="@drawable/barlog"
    android:text="Update"
    android:textColor="@android:color/black"
    android:textSize="16sp"></androidx.appcompat.widget.AppCompatButton>
</LinearLayout>
</LinearLayout>

```

list_menu.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.cardview.widget.CardView
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:card_view="http://schemas.android.com/apk/res-auto"
    android:layout_width="180dp"
    android:background="@drawable/img"
    android:padding="2dp"
    android:layout_margin="2dp"
    android:layout_height="300dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="5dp"
        android:orientation="vertical"
        android:padding="10dp">

        <RelativeLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content">

            <ImageView
                android:id="@+id/img_card"
                android:layout_width="match_parent"
                android:layout_height="114dp"
                android:layout_alignParentTop="true"
                android:src="@drawable/keripik_ceker" />

            <!-- TextView Nama Produk-->
            <!-- TextView Kode -->
            <!-- TextView Harga -->

        </RelativeLayout>

        <TextView

```

```
        android:id="@+id/txt_nama_produk"
        android:layout_width="146dp"
        android:layout_height="32dp"

        android:layout_marginTop="11dp" />

<TextView
    android:id="@+id/txt_kode_produk"
    android:layout_width="146dp"
    android:layout_height="32dp"
    android:layout_marginTop="10dp" />

<TextView
    android:id="@+id/txt_harga_produk"
    android:layout_width="146dp"
    android:layout_height="33dp"
    android:layout_marginTop="10dp" />
</LinearLayout>
</androidx.cardview.widget.CardView>
```