

APLIKASI E-COMMERCE (E-TANJUNG, KLEGO, BOYOLALI) BERBASIS ANDROID

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Tugas diajukan sebagai salah satu syarat
Untuk menyelesaikan Mata Kuliah Pemrograman Perangkat Bergerak



**FAULTAS ILMU KOMPUTER
TEKNIK INFORMATIKA
UNIVERSITAS DIAN NUSWANTORO
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LATAR BELAKANG

Seiring perkembangan teknologi informasi yang semakin maju, Android menjadi OS yang paling banyak digunakan di antara sekian banyak pilihan sistem operasi untuk perangkat mobile. Sifatnya yang open source memudahkan pengembang untuk membuat aplikasi Android.

Android menyediakan platform terbuka bagi para pengembang untuk menciptakan aplikasi mereka sendiri yang akan digunakan untuk bermacam piranti bergerak, salah satu pemanfaatan android adalah dengan cara menciptakan sebuah aplikasi pembelajaran yang nantinya bisa dijadikan sebagai media pengganti buku untuk melakukan proses belajar.

Sebagai pengembang aplikasi android, pengembang dapat mengembangkan UMKM yang berada di Desa Tanjung, Klego, Boyolali untuk mengelola penjualan produk UMKM dengan aplikasi berbasis android.

Salah satu aplikasi berbasis android yang dibuat yaitu penjualan Nasi Goreng Boyolali pada salah satu pedagang yang menginginkan aplikasi berbasis android pada produk yang diperjualbelikannya. Pada aplikasi tersebut dapat memudahkan customer untuk order produk yang ada pada menu aplikasi, dan juga dapat memudahkan penjual untuk membuat produk yang dipesan oleh customer dengan mudah tanpa harus mencatat pesanan mereka masing-masing.

Teknologi seperti ini dapat membantu kedua belah pihak antara penjual dan pembeli sehingga dapat termudahkan dalam proses jual beli yang mereka lakukan.

Dengan adanya aplikasi berbasis android maka pemasaran produk juga lebih praktis karena dengan customer mengunduh aplikasi tersebut dan proses order yang nyaman, dan lebih praktis maka customer akan lebih sering dengan memesannya melalui aplikasi tersebut. Sehingga dengan sekali customer mengunduh aplikasi tersebut maka sedikit memungkinkan daya tarik kenyamanan pada proses order yang dilakukan, dan memungkinkan customer untuk lebih sering order pada produk penjualannya.

ANALISA DAN DESAIN APLIKASI (OOP), PEMODELAN UML

A. Analisa Kebutuhan User

Analisis kebutuhan berfokus pada perangkat lunak yang akan dibuat oleh penulis. Agar proses penjualan lebih baik penulis mendisain rancangan antarmuka yang terdapat pada situs web.

Sistem informasi penjualan Sandal wanita mempunyai tiga pengguna, yaitu:

1.) Admin

1. Admin dapat menambah, mengubah, dan menghapus data barang.
2. Admin dapat menambah, mengubah, dan menghapus password.
3. Admin dapat menambah, mengubah dan menghapus kategori.
4. Admin dapat melihat, menambah, mengubah, dan menghapus data pelanggan.
5. Admin dapat melihat data konfirmasi pembayaran.
6. Admin dapat melihat dan mencetak laporan.

2.) Pengunjung

Pengunjung yang melihat situs web hanya dapat melakukan sebagai berikut:

- 1 Pengunjung dapat melihat berbagai macam kategori Nasi Goreng yang dijual.
- 2 Pengunjung dapat melihat tampilan home, profile, barang, dan panduan.
- 3 Pengunjung dapat melakukan pendaftaran menjadi anggota.

3.) Pelanggan

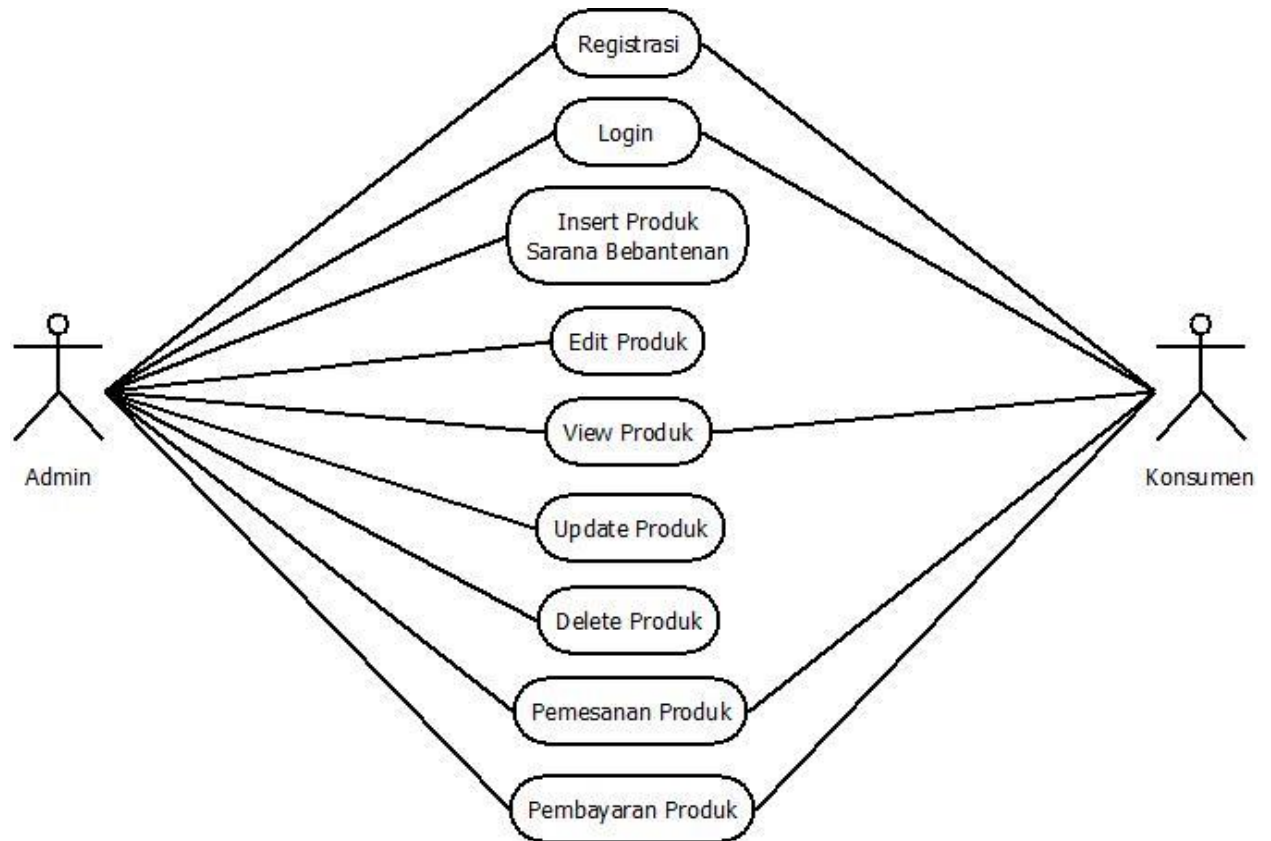
Pelanggan adalah pengunjung yang telah melakukan pendaftaran menjadi anggota Pelanggan dapat melakukan proses sebagai berikut:

1. Pelanggan dapat Login dengan username dan password yang sudah dia daftarkan.
2. Pelanggan dapat membeli berbagai macam Nasi Goreng.
3. Pelanggan dapat melihat tampilan transaksi.
4. Pelanggan dapat melakukan transaksi dikeranjang belanja.
5. Pelanggan dapat melakukan transaksi dan lalu mencetak bukti pemesanan.
6. Pelanggan dapat mengisi form konfirmasi Pembayaran.

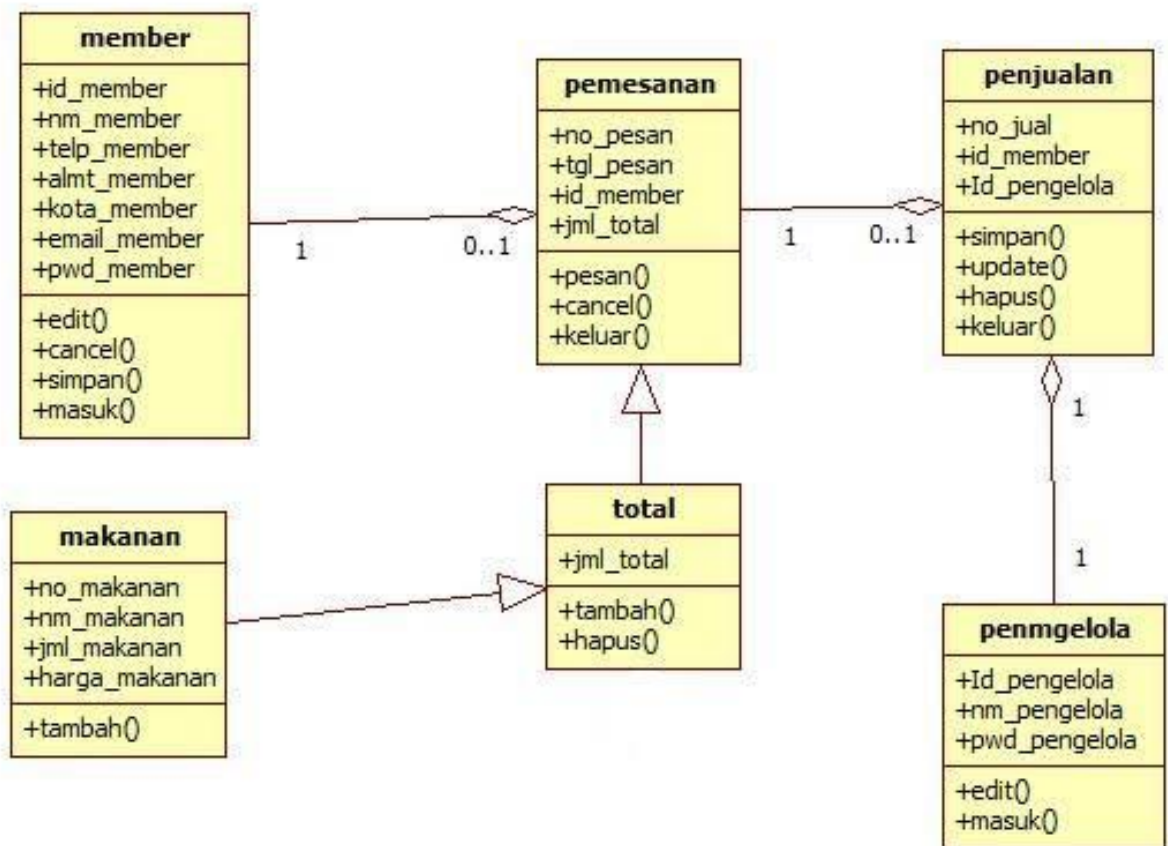
B. Analisa Kebutuhan Hardware dan Software

Analisa kebutuhan hardware pada proses penjualan aplikasi berbasis android untuk saat ini yaitu handphone.

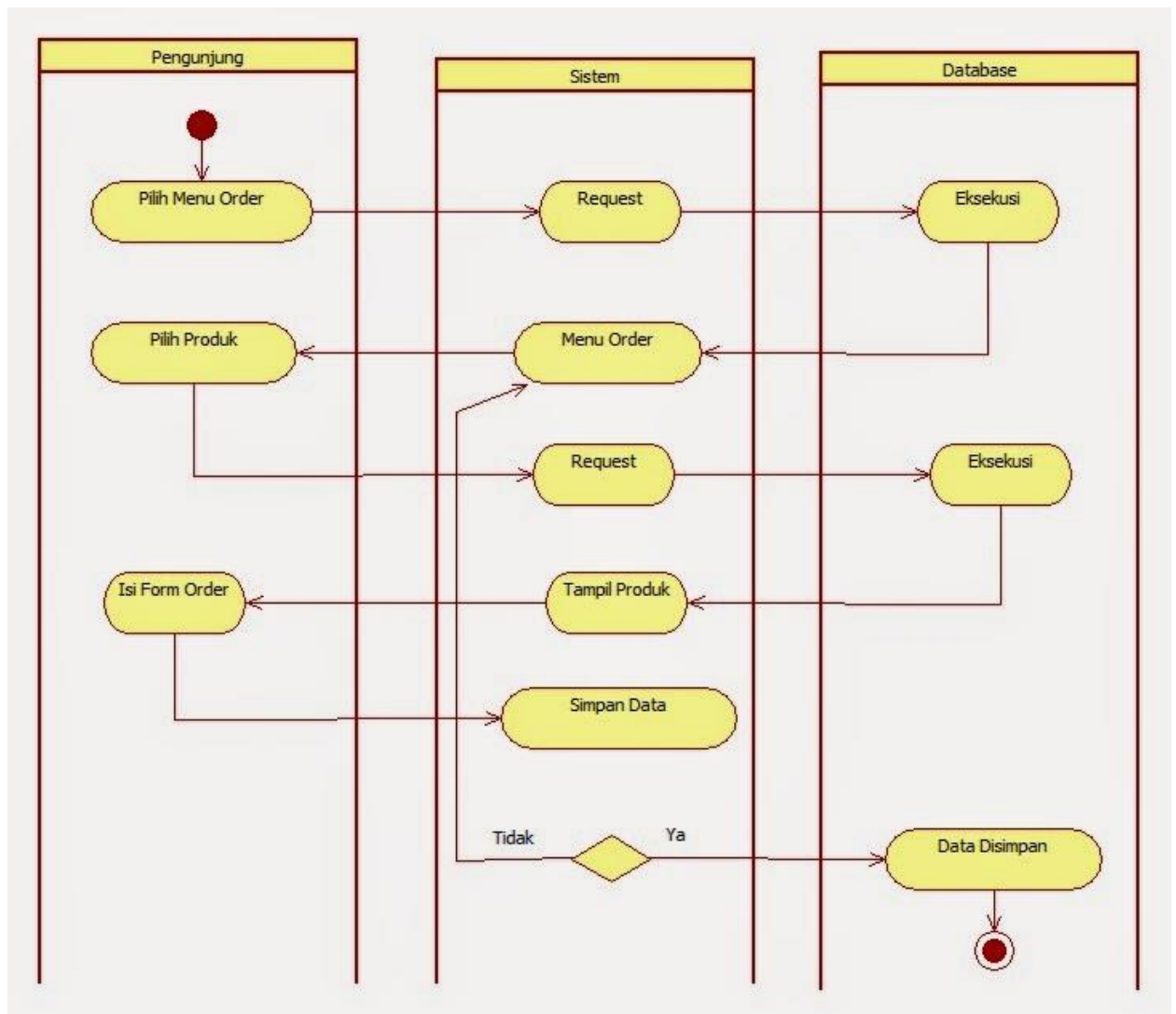
C. Diagram Use Case



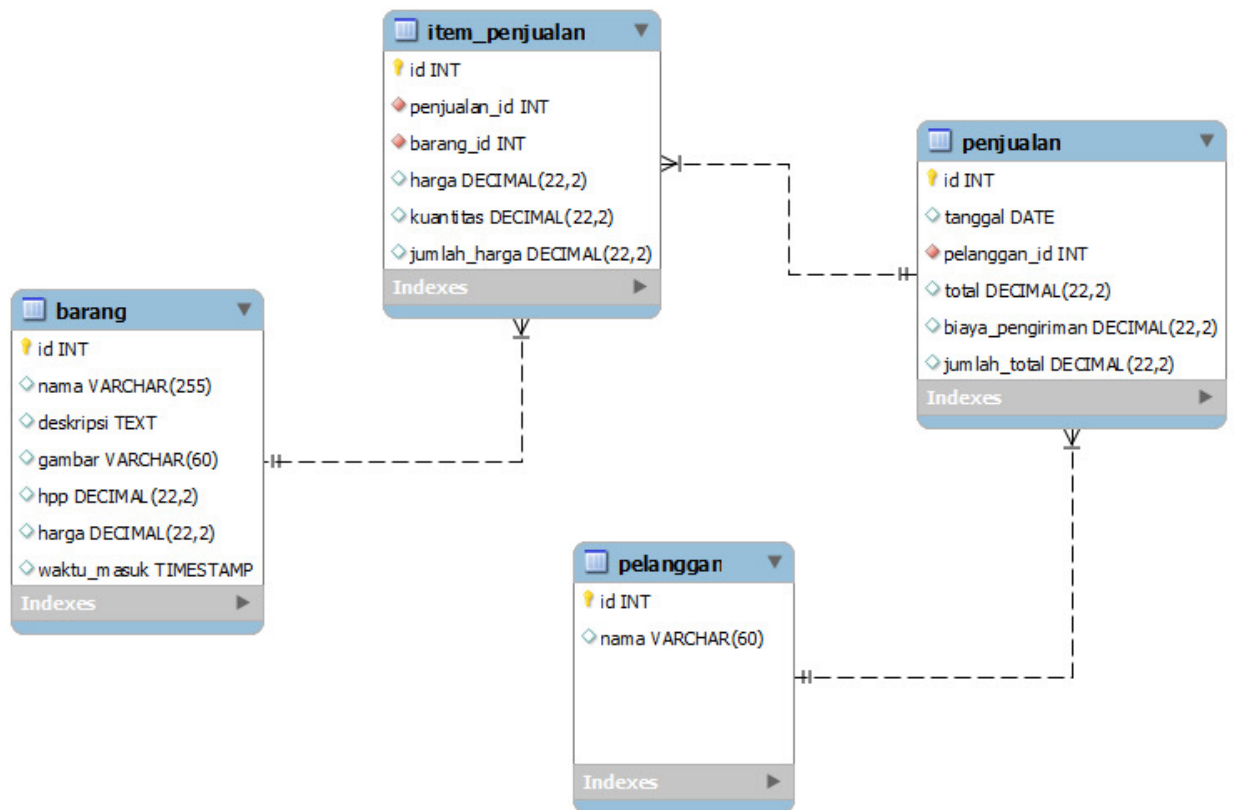
D. Diagram Class



E. Diagram Aktifitas

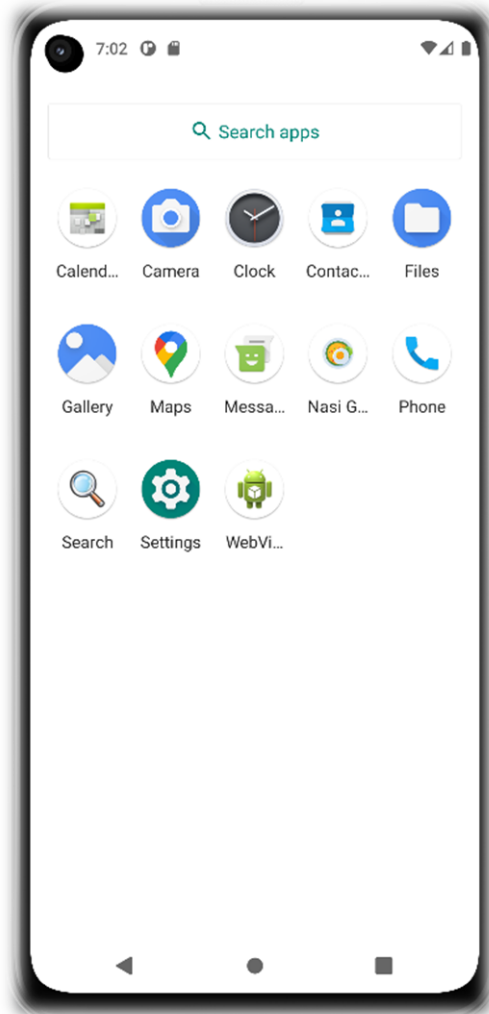


F. Desain Database & Tabel

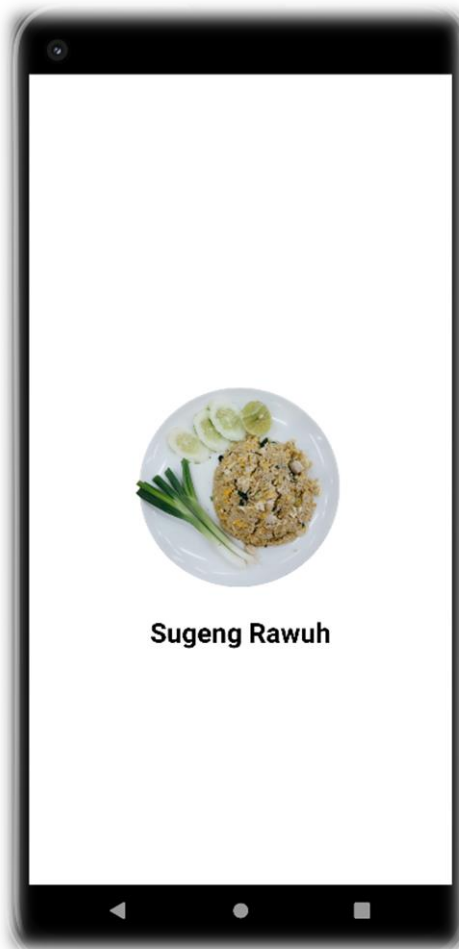


G. Desain Input dan Output

Desain Icon



Desain Splash Screen



Desain Halaman Register dan Login

The image displays two mobile application screens side-by-side. The left screen is the 'Register Page' with an orange header 'Halaman Register'. It features three input fields: 'Masukan Email' (containing 'qilangdiatip@gmail.com'), 'Masukan Password' (with a red border and a toggle icon), and 'Konfirmasi Password' (also with a red border and a toggle icon). Below these are two orange buttons labeled 'REGISTER' and 'LOGIN'. The right screen is the 'Login Page' with an orange header 'Halaman Login'. It has a 'Username' field (containing 'qilangdiatip@gmail.com') and a 'Password' field (with a red border and a toggle icon). Below these are three buttons: a teal 'LOGIN' button, an orange 'REGISTER' button, and a white button with a Google logo and 'Sign in' text. At the bottom is a blue button with a Facebook logo and 'Continue with Facebook' text. Both screens have a status bar at the top showing time (7:13 and 7:24) and icons for signal, Wi-Fi, and battery.

Halaman Register

Register Page

Masukan Email
qilangdiatip@gmail.com

Masukan Password

Konfirmasi Password

REGISTER

LOGIN

Halaman Login

Login Page

Username
qilangdiatip@gmail.com

Password

LOGIN

REGISTER

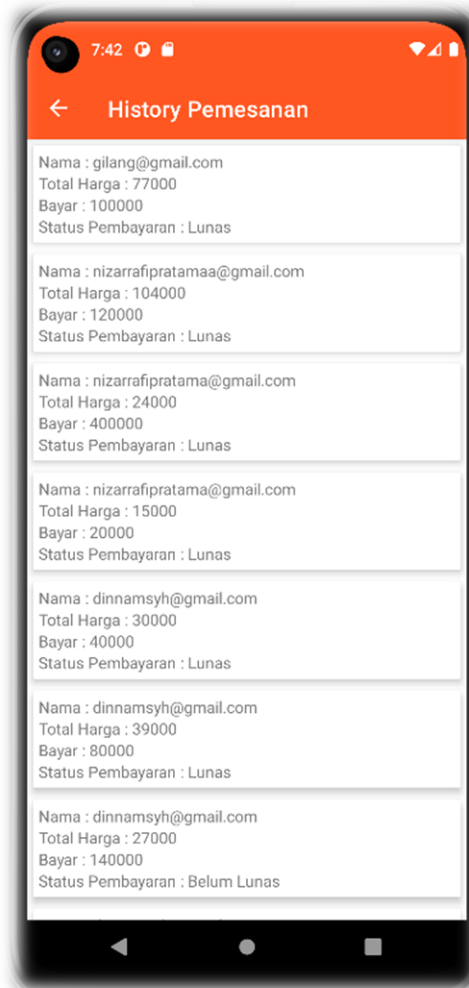
Sign in

Continue with Facebook

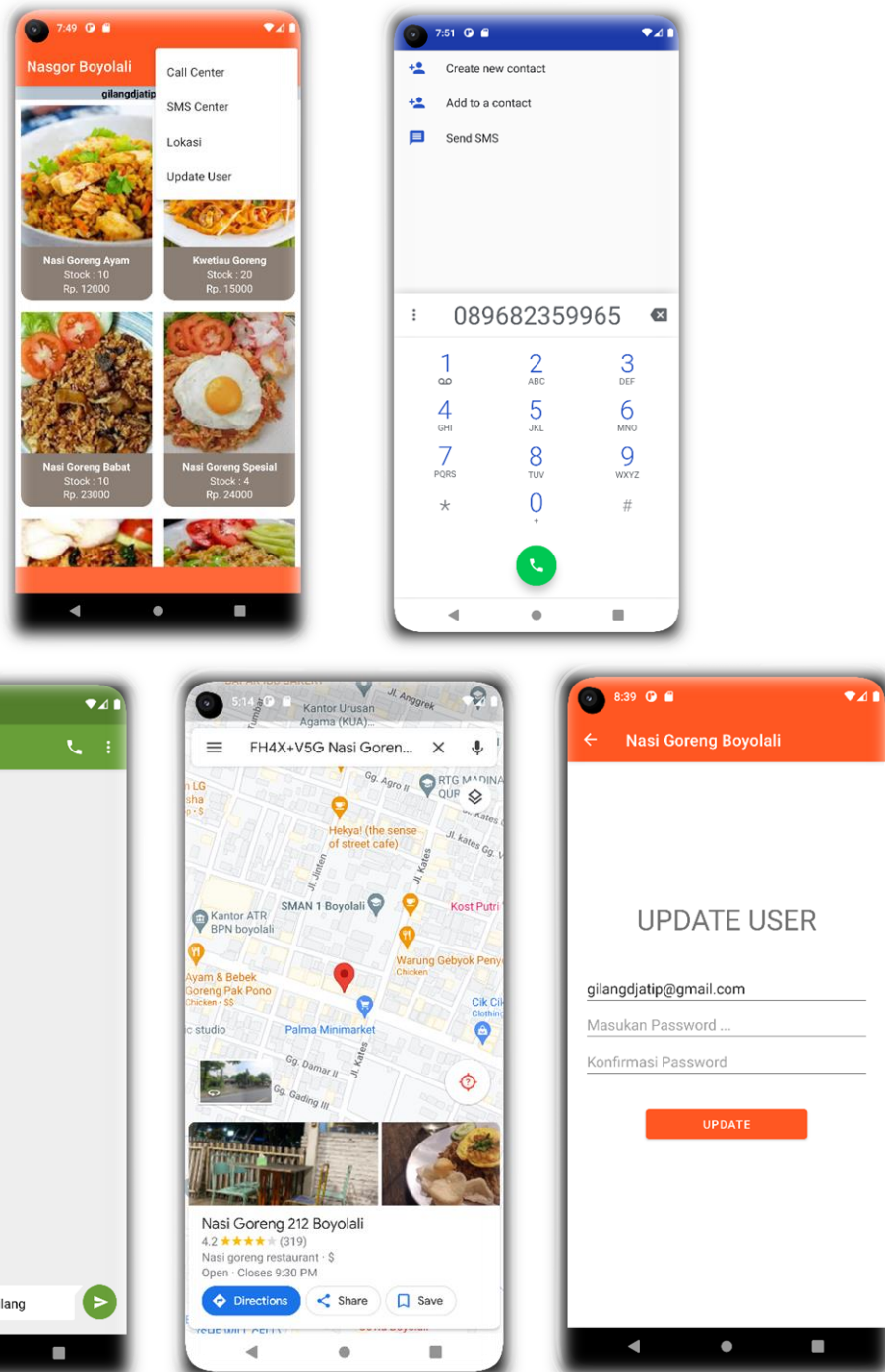
Desain Halaman Menu



Desain History Pemesanan



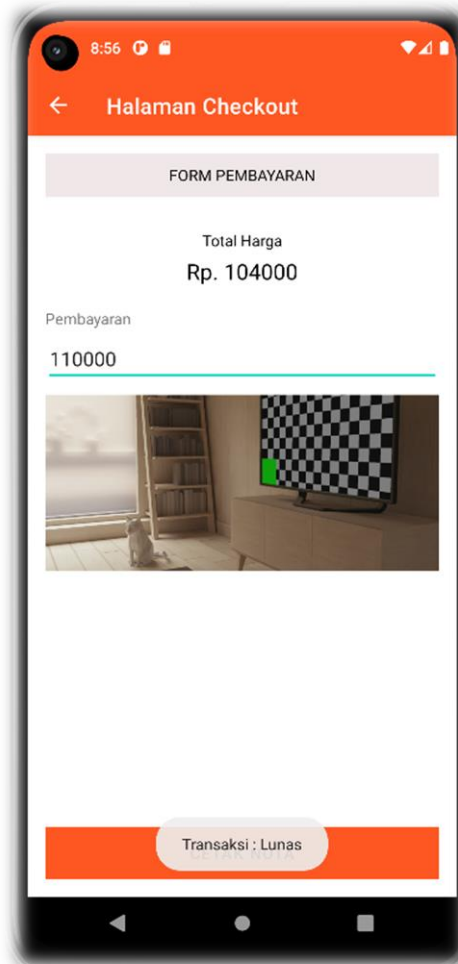
Desain Input dan Output Menu



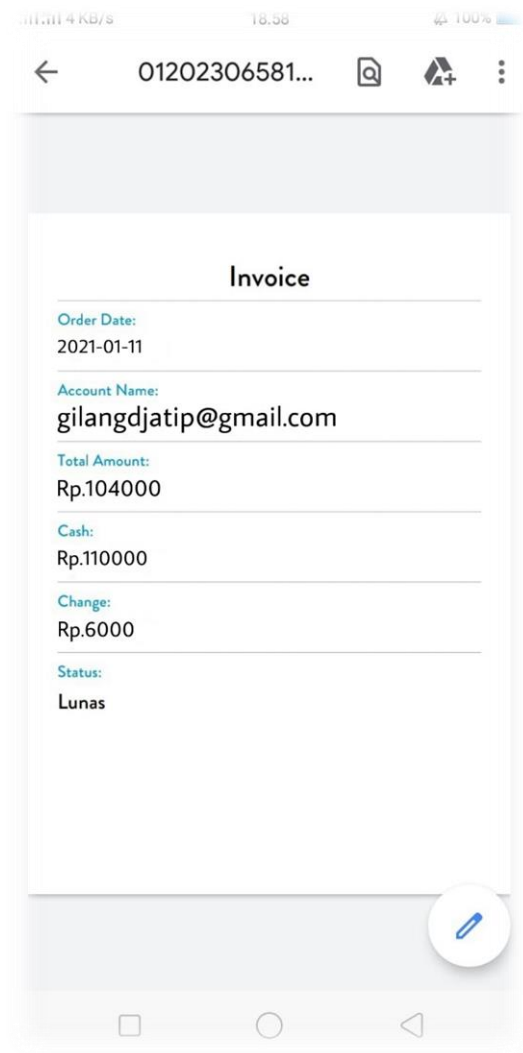
Desain Halaman Deskripsi



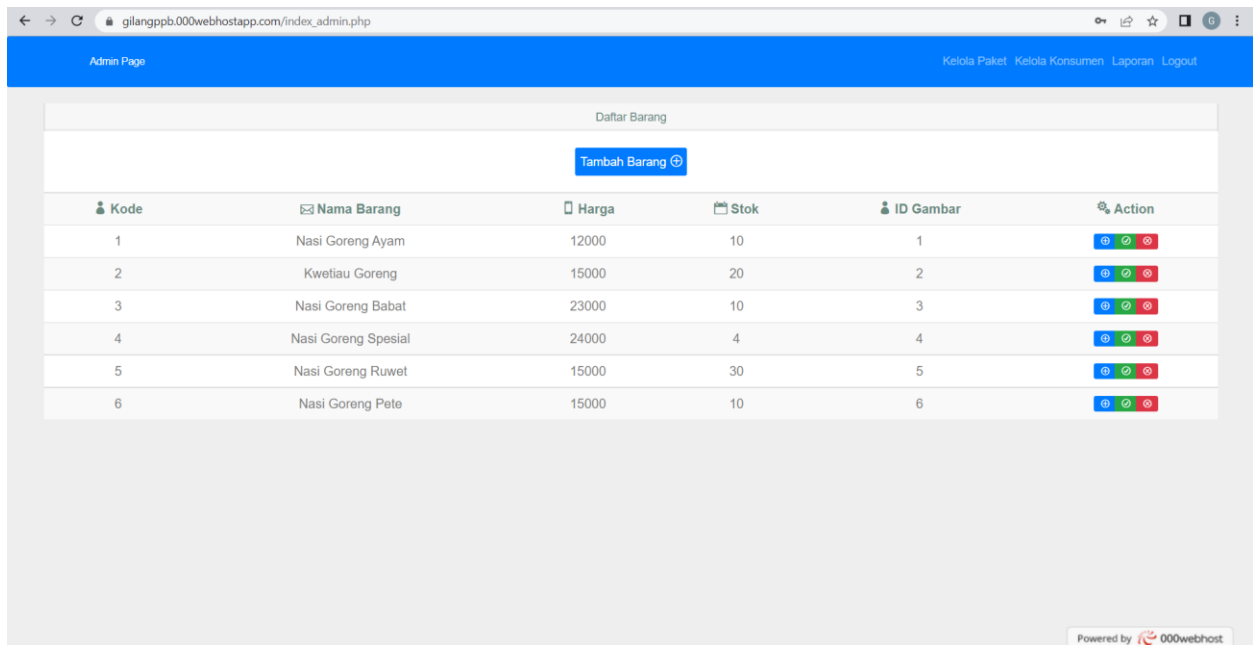
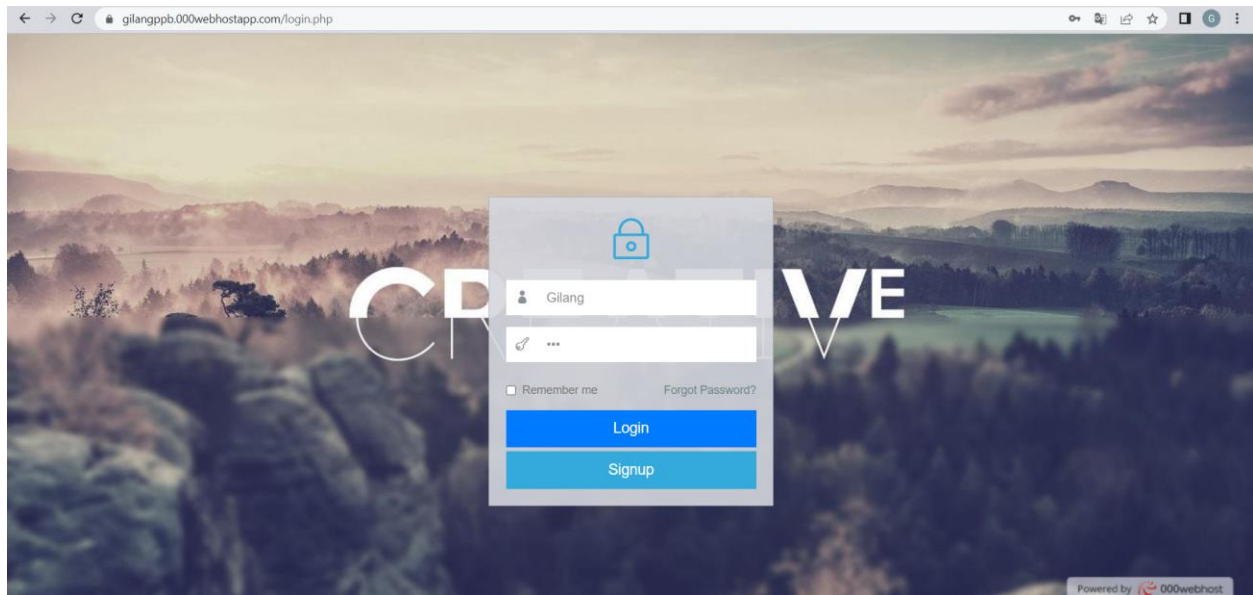
Desain Halaman Checkout



Desain Halaman Cetak Nota





























Webhost Admin



Admin Page Kelola Paket Kelola Konsumen Laporan Logout

Daftar Konsumen

Kode	Nama Konsumen	Total Harga	Bayar	Status	Action
46	gilang@gmail.com	77000	100000	Lunas	 
47	nizarrafipratamaa@gmail.com	104000	120000	Lunas	 
48	nizarrafipratamaa@gmail.com	24000	400000	Lunas	 
49	nizarrafipratamaa@gmail.com	15000	20000	Lunas	 
50	dinnamsyh@gmail.com	30000	40000	Lunas	 
51	dinnamsyh@gmail.com	39000	80000	Lunas	 
52	dinnamsyh@gmail.com	27000	140000	Belum Lunas	 
53	dinnamsyh@gmail.com	27000	50000	Lunas	 
54	gilangdjatip@gmail.com	104000	110000	Belum Lunas	 
55	gilangdjatip@gmail.com	104000	110000	Belum Lunas	 
56	gilangdjatip@gmail.com	104000	110000	Belum Lunas	 
57	gilangdjatip@gmail.com	24000	50000	Belum Lunas	 
58	gilangdjatip@gmail.com	104000	110000	Lunas	 

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Admin Page Kelola Paket Kelola Konsumen Laporan Logout

Laporan Pemesanan

Tanggal : s/d

No	Nama Konsumen	Total Harga	Bayar	Kembalian	Tanggal	Status
1	gilangdjatip@gmail.com	104000	110000	6000	2023-01-11 20:56:46	Lunas
2	gilangdjatip@gmail.com	24000	50000	26000	2023-01-11 20:54:49	Belum Lunas
3	gilangdjatip@gmail.com	104000	110000	6000	2023-01-11 20:49:56	Belum Lunas
4	gilangdjatip@gmail.com	104000	110000	6000	2023-01-11 20:49:26	Belum Lunas
5	gilangdjatip@gmail.com	104000	110000	6000	2023-01-11 20:48:51	Belum Lunas
6	dinnamsyh@gmail.com	27000	50000	23000	2023-01-11 15:45:01	Lunas
7	dinnamsyh@gmail.com	27000	140000	113000	2023-01-11 15:40:14	Belum Lunas
8	dinnamsyh@gmail.com	39000	80000	41000	2023-01-11 15:34:11	Lunas
9	dinnamsyh@gmail.com	30000	40000	10000	2023-01-11 15:30:09	Lunas
10	nizarrafipratamaa@gmail.com	15000	20000	5000	2023-01-11 14:15:55	Lunas
11	nizarrafipratamaa@gmail.com	24000	400000	376000	2023-01-11 14:10:53	Lunas
12	nizarrafipratamaa@gmail.com	104000	120000	16000	2023-01-11 02:17:33	Lunas
13	gilang@gmail.com	77000	100000	23000	2023-01-11 02:16:06	Lunas

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Implementasi Sistem

Implementasi adalah tahap penerapan dan sekaligus pengujian bagi sistem berdasarkan hasil analisa dan perancangan yang telah dilakukan. implementasi hasil rancangan menjadi sebuah aplikasi Sistem Informasi Penjualan Nasi Goreng Boyolali Berbasis Android.

PENUTUP

Kesimpulan

Pembuatan aplikasi penjualan Nasi Goreng Boyolali bertujuan untuk mempermudah bagian penjualan, bagian pembelian dan bagian keuangan dalam menangani proses penjualan antara pihak penjual dengan Customer.

Pembuatan aplikasi penjualan Nasi Goreng Boyolali ini mampu untuk memberikan efektif kerja. Secara garis besar, berdasarkan hasil perancangan dan pembuatan aplikasi untuk Nasi Goreng yang berletak pada Boyolali telah dilakukan, dapat disimpulkan hal-hal sebagai berikut:

1. Dengan menggunakan system ini, maka proses penjualan yang terjadi antara pihak perusahaan dengan Customer akan dapat di organisir dengan baik pada saat transaksi berlangsung dan pencetakan laporan penjualan.
2. Dengan menggunakan system ini, maka proses pembelian yang terjadi antara pihak penjual dengan customer akan dapat di organisir dengan baik pada saat transaksi berlangsung dan pencetakan laporan pembelian.
3. Sistem memberikan kemudahan baik dari sisi pengguna mau pundari Customer atau gudang, dimana proses jalannya transaksi dapat berlangsung lebih efektif dan efisien

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[5] Nurseto Tejo, Membuat Media Pembelajaran Yang Menarik , Jurnal Ekonomi & Pendidikan, Volume 8 Nomor 1, April 2011.

[6] Tugur Hadi, Media Pembelajaran dan Implementasi Bahasa dan Sastra, Prospektus, Tahun VII Nomor 2, Oktober 2009.

LAMPIRAN SOURCE PROGRAM

AndroidManifest.xml :

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <uses-permission android:name="android.permission.INTERNET" />
    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE" />
    <uses-permission
        android:name="android.permission.WRITE_EXTERNAL_STORAGE"
        android:maxSdkVersion="28" />
    <uses-permission android:name="android.permission.MANAGE_EXTERNAL_STORAGE" />

    <application
        android:name=".Util.AppController"
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@drawable/icon_nasgor"
        android:label="@string/app_name"
        android:requestLegacyExternalStorage="true"
        android:roundIcon="@drawable/icon_nasgor"
        android:supportRtl="true"
        android:theme="@style/Theme.UASProject"
        android:usesCleartextTraffic="true"
        tools:targetApi="31">
        <activity
            android:name=".HistoryActivity"
            android:label="History Pemesanan"
            android:exported="false">
            <meta-data
                android:name="android.app.lib_name"
                android:value="" />
        </activity>

        <provider
            android:name="androidx.core.content.FileProvider"
            android:authorities="com.example.uasproject"
            android:exported="false"
            android:grantUriPermissions="true">
            <meta-data
                android:name="android.support.FILE_PROVIDER_PATHS"
                android:resource="@xml/provider_paths" />
        </provider>

        <activity
            android:name=".DetailActivity"
            android:label="Detail Barang"
            android:exported="false">
            <meta-data
```



```

        android:name="android.app.lib_name"
        android:value="" />
    </activity>
    <activity
        android:label="Halaman Checkout"
        android:name=".CheckoutActivity"
        android:exported="false">
        <meta-data
            android:name="android.app.lib_name"
            android:value="" />
    </activity>
    <activity
        android:name=".UpdateUserActivity"
        android:exported="false">
        <meta-data
            android:name="android.app.lib_name"
            android:value="" />
    </activity>
    <activity
        android:label="Halaman Register"
        android:name=".RegisterActivity"
        android:exported="false">
        <meta-data
            android:name="android.app.lib_name"
            android:value="" />
    </activity>
    <activity
        android:label="Halaman Login"
        android:name=".LoginActivity"
        android:exported="false">
        <meta-data
            android:name="android.app.lib_name"
            android:value="" />
    </activity>
    <activity
        android:name=".SplashScreenActivity"
        android:exported="true">
        <meta-data
            android:name="android.app.lib_name"
            android:value="" />

        <intent-filter>
            <action android:name="android.intent.action.MAIN" />
            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
    <activity
        android:label="Nasgor Boyolali"
        android:name=".MainActivity"
        android:exported="true">
        <meta-data
            android:name="android.app.lib_name"
            android:value="" />
    </activity>

    <meta-data

```

```

        android:name="com.facebook.sdk.ApplicationId"
        android:value="@string/facebook_app_id"
        tools:replace="android:value" />
    <meta-data
        android:name="com.facebook.sdk.ClientToken"
        android:value="@string/facebook_client_token"
        tools:replace="android:value" />
    </application>
</manifest>

```

AppController.java :

```

package com.example.uasproject.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.example.uasproject.Util;

import static com.example.uasproject.Util.LogUtils.LOGD;
import static com.example.uasproject.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.example.uasproject.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().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 Error : " + e.getLocalizedMessage());
} catch (IOException e) {
    // TODO Auto-generated catch block
    LOGE("Compressing Error IOE : " + e.getLocalizedMessage());
} catch (Exception e) {
    // TODO: handle exception
    LOGE("Compressing Error 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 Error : " + e.getMessage());
    } catch (IOException e) {
        // TODO Auto-generated catch block
        LOGE("Compressing Error IOE : " + e.getMessage());
    } catch (Exception e) {
        // TODO: handle exception
        LOGE("Compressing Error Other: " + e.getMessage());
    }
}

/**
 * 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.example.uasproject.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.example.uasproject.Util;

public class ServerAPI {
    public static final String URL_DATA = "https://gilangppb.000webhostapp.com/stock_service.php";
    // public static final String URL_INSERT = "http://10.0.2.2/crud_uas/create_data.php";
    // public static final String URL_DELETE = "http://10.0.2.2/crud_uas/delete_data.php";
    // public static final String URL_UPDATE = "http://10.0.2.2/crud_uas/update_data.php";
}

```

CheckoutActivity.java :

```
package com.example.uasproject;

import android.app.AlertDialog;
import android.app.ProgressDialog;
import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.graphics.Bitmap;
import android.graphics.Color;
import android.net.Uri;
import android.os.Build;
import android.os.Bundle;
import android.os.Environment;
import android.provider.MediaStore;
import android.util.Log;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;
import androidx.core.content.FileProvider;

import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.itextpdf.text.pdf.PdfDocument;
import com.example.uasproject.Util.R;
import com.example.uasproject.Util.AppController;
import com.example.uasproject.Util.FileUtils;
import com.example.uasproject.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 com.example.uasproject.Util.AppController;

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.io.OutputStream;
import java.text.DateFormat;
import java.text.DecimalFormat;
import java.text.SimpleDateFormat;
import java.util.Calendar;
import java.util.Date;
import java.util.HashMap;
import java.util.Locale;
import java.util.Map;

import com.androidnetworking.AndroidNetworking;
import com.androidnetworking.common.Priority;
import com.androidnetworking.error.ANError;
import com.androidnetworking.interfaces.JSONObjectRequestListener;

public class CheckoutActivity extends AppCompatActivity {

    private FirebaseUser firebaseUser;
    private TextView total_harga;
    private EditText nominal_harga;
    private int kembalian = 0;
    private final int GALLERY_REQ_CODE = 1000;
    private String status = "Belum Lunas";
    private String nama;
    private String data;
    private static final int PERMISSION_REQUEST_CODE = 1;

    ImageView imgGallery;
    Button btnGallery, btnCetak, btnSimpan;

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

        if (Build.VERSION.SDK_INT >= 23)
        {
            if (checkPermission())
            {
                // Code for above or equal 23 API Oriented Device
                // Your Permission granted already .Do next code
            } else {
                requestPermission(); // Code for permission
            }
        }
    }

```

```

    }
    else
    {

        // Code for Below 23 API Oriented Device
        // Do next code
    }

    getSupportActionBar().setDisplayHomeAsUpEnabled(true);
    data = getIntent().getStringExtra("total_harga");
    total_harga = (TextView) findViewById(R.id.total_harga);
    total_harga.setText("Rp. " + data);
    imgGallery = findViewById(R.id.inp_gambar);
    btnGallery = findViewById(R.id.btn_gallery);
    btnCetak = findViewById(R.id.btn_cetak);
    btnSimpan = findViewById(R.id.btn_simpan);
    nominal_harga = (EditText) findViewById(R.id.nominal_bayar);

    //Kirim Ke Status dan Upload
    firebaseUser = FirebaseAuth.getInstance().getCurrentUser();
    nama = firebaseUser.getEmail();

    btnGallery.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {

            Intent iGallery = new Intent(Intent.ACTION_PICK);
            iGallery.setData(MediaStore.Images.Media.EXTERNAL_CONTENT_URI);

            startActivityForResult(iGallery, GALLERY_REQ_CODE);
        }
    });
}

private boolean checkPermission() {
    int result = ContextCompat.checkSelfPermission(CheckoutActivity.this,
android.Manifest.permission.WRITE_EXTERNAL_STORAGE);
    if (result == PackageManager.PERMISSION_GRANTED) {
        return true;
    } else {
        return false;
    }
}

private void requestPermission() {

    if (ActivityCompat.shouldShowRequestPermissionRationale(CheckoutActivity.this,
android.Manifest.permission.WRITE_EXTERNAL_STORAGE)) {
        Toast.makeText(CheckoutActivity.this, "Write External Storage permission allows us to do store
images. Please allow this permission in App Settings.", Toast.LENGTH_LONG).show();
    } else {
        ActivityCompat.requestPermissions(CheckoutActivity.this, new
String[]{android.Manifest.permission.WRITE_EXTERNAL_STORAGE},

```

```

PERMISSION_REQUEST_CODE);
    }
}

@Override
public void onRequestPermissionsResult(int requestCode, String permissions[], int[] grantResults) {
    super.onRequestPermissionsResult(requestCode, permissions, grantResults);
    switch (requestCode) {
        case PERMISSION_REQUEST_CODE:
            if (grantResults.length > 0 && grantResults[0] == PackageManager.PERMISSION_GRANTED)
            {
                Log.e("value", "Permission Granted, Now you can use local drive .");
            } else {
                Log.e("value", "Permission Denied, You cannot use local drive .");
            }
            break;
    }
}

@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
    super.onActivityResult(requestCode, resultCode, data);

    if(resultCode == RESULT_OK){
        if (requestCode == GALLERY_REQ_CODE){
            imgGallery.setImageURI(data.getData());
            status = "Lunas";
        }
        else{
            status = "Belum Lunas";
        }
    }
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {
    switch (item.getItemId()) {
        case android.R.id.home:
            // app icon in action bar clicked; go home
            Intent intent = new Intent(this, MainActivity.class);
            intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
            startActivity(intent);
            return true;
        default:
            return super.onOptionsItemSelected(item);
    }
}

private String getDateTime() {
    DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd HH:mm:ss");
    Date date = new Date();
    return dateFormat.format(date);
}

public void bayar(View view) {

```

```

        if(nominal_harga.getText().toString().isEmpty()){
            Toast.makeText(this, "Silahkan isi Nominal Pembayaran", Toast.LENGTH_SHORT).show();
        }
        else{

            String data = getIntent().getStringExtra("total_harga");
            int bayar_int = Integer.parseInt(nominal_harga.getText().toString());
            kembalian = bayar_int - Integer.parseInt(data);

            Toast.makeText(this, "Transaksi : " + status, Toast.LENGTH_SHORT).show();

            validasiData();

        }

    }

    public void validasiData(){
        if(nama.equals("") || Integer.toString(kembalian).equals("") ||
        nominal_harga.getText().toString().equals("") || status.equals("")){
            Toast.makeText(CheckoutActivity.this, "Periksa kembali data yang anda masukkan !",
            Toast.LENGTH_SHORT).show();
        }else {

            kirimData();
        }
    }

    void kirimData(){
        data = getIntent().getStringExtra("total_harga");
        AndroidNetworking.post("https://gilangppb.000webhostapp.com/tambah_pembayaran.php")
        //sesuaikan dengan api server kalian
        .addBodyParameter("nama", "" + nama)
        .addBodyParameter("total_harga", "" + data)
        .addBodyParameter("bayar", "" + nominal_harga.getText().toString())
        .addBodyParameter("kembalian", "" + kembalian)
        .addBodyParameter("status", "" + status)
        .addBodyParameter("tanggal", "" + getDateTime())
        .setPriority(Priority.MEDIUM)
        .setTag("Tambah Data")
        .build()
        .getAsJSONObject(new JSONObjectRequestListener() {
            @Override
            public void onResponse(JSONObject response) {
                Log.d("cekTambah", "" + response);
                try {
                    Boolean status = response.getBoolean("status");
                    String pesan = response.getString("result");
                    Toast.makeText(CheckoutActivity.this, "" + pesan, Toast.LENGTH_SHORT).show();
                    Log.d("status", "" + status);
                    if(status){
                        new AlertDialog.Builder(CheckoutActivity.this)
                            .setMessage("Berhasil Menambahkan Data !")
                            .setCancelable(false)

```

```

        .setPositiveButton("Kembali", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialog, int which) {
                Intent i = getIntent();
                setResult(RESULT_OK,i);
                CheckoutActivity.this.finish();
            }
        })
        .show();
    }
    else{
        new AlertDialog.Builder(CheckoutActivity.this)
            .setMessage("Gagal Menambahkan Data !")
            .setPositiveButton("Kembali", new DialogInterface.OnClickListener() {
                @Override
                public void onClick(DialogInterface dialog, int which) {
                    Intent i = getIntent();
                    setResult(RESULT_CANCELED,i);
                    CheckoutActivity.this.finish();
                }
            })
            .setCancelable(false)
            .show();
    }
} catch (Exception e){
    e.printStackTrace();
}
}
@Override
public void onError(ANError anError) {
    Log.d("ErrorTambahData", ""+anError.getErrorBody());
}
});

btnGallery.setVisibility(View.GONE);
btnSimpan.setVisibility(View.GONE);
btnCetak.setVisibility(View.VISIBLE);
}

public void cetak(View view) {

    createPDF();
}

public void createPDF(){

    String date = new SimpleDateFormat("yyyy-MM-dd", Locale.getDefault()).format(new Date());

    SimpleDateFormat s = new SimpleDateFormat("ddMMyyyyhhmmss");
    String format = s.format(new Date());
    Document doc = new Document();
    //String outPath =
    Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY_DOWNLOADS);
    String outPath = FileUtils.getAppPath(getApplicationContext()) + "/" + format + ".pdf";

```

```

try {
    PdfWriter.getInstance(doc, new FileOutputStream(outPath));
    doc.open();
    // Document Settings
    doc.setPageSize(PageSize.A4);
    doc.addCreationDate();
    doc.addAuthor("Gilang Djati Prinantyo");
    doc.addCreator("Gilang");
    /**
     * 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(nama, 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(data, 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. " + nominal_harga.getText().toString(),
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. " + Integer.toString(kembalian), 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(""));
        Chunk statuspdf = new Chunk("Status:", mHeadingFont);
        Paragraph statusparagraf = new Paragraph(statuspdf);
        doc.add(statusparagraf);
        Chunk valuestatus = new Chunk(status, mValueFont);
        Paragraph mvaluestatus = new Paragraph(valuestatus);
        doc.add(mvaluestatus);
        doc.close();
        FileUtils.openFile(getApplicationContext(), new File(outPath));
    } catch (DocumentException e) {
        e.printStackTrace();
    }

```

```

    } catch (FileNotFoundException e) {
        e.printStackTrace();
    } catch (IOException e) {
        e.printStackTrace();
    }
}
}
}

```

DetailActivity.java :

```

package com.example.uasproject;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.MenuItem;
import android.widget.ImageView;
import android.widget.TextView;

import java.util.ArrayList;

public class DetailActivity extends AppCompatActivity {

    ImageView imageViewFoto;
    TextView textViewNama, textViewDeskripsi, textViewHarga;
    private ArrayList<Produk> dataList;
    int[] gambar = {R.drawable.nasgor_ayam, R.drawable.kwetiaw_goreng, R.drawable.nasgor_babat,
R.drawable.nasgor_spesial, R.drawable.nasgor_ruwet, R.drawable.nasgor_pete};

    @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);
        getIncomingExtra();
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case android.R.id.home:
                // app icon in action bar clicked; go home
                Intent intent = new Intent(this, MainActivity.class);
                intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
                startActivity(intent);
                return true;
        }
    }
}

```

```

        default:
            return super.onOptionsItemSelected(item);
    }
}

private void getIncomingExtra(){
    if(getIntent().hasExtra("nama_makanan") && getIntent().hasExtra("harga_makanan") &&
    getIntent().hasExtra("gambar_makanan")){
        Integer fotoMakanan = getIntent().getIntExtra("gambar_makanan", 0);
        String deskripsiMakanan = getIntent().getStringExtra("stock-makanan");
        String namaMakanan = getIntent().getStringExtra("nama_makanan");
        String hargaMakanan = getIntent().getStringExtra("harga_makanan");

        setDataActivity(fotoMakanan, namaMakanan, hargaMakanan, deskripsiMakanan);
    }
}

private void setDataActivity(Integer fotoMakanan, String namaMakanan, String hargaMakanan, String
deskripsiMakanan){
    imageViewFoto.setImageResource(gambar[fotoMakanan-1]);
    textViewNama.setText(namaMakanan);
    textViewDeskripsi.setText("Stock : " + deskripsiMakanan);
    textViewHarga.setText("Harga : \t Rp. " + hargaMakanan);
}
}

```

HistoryActivity.java :

```

package com.example.uasproject;

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

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.util.Log;
import android.view.MenuItem;
import android.widget.Toast;

import com.androidnetworking.AndroidNetworking;
import com.androidnetworking.common.Priority;
import com.androidnetworking.error.ANError;
import com.androidnetworking.interfaces.JSONObjectRequestListener;

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

```

```

import java.util.ArrayList;

public class HistoryActivity extends AppCompatActivity {

    SwipeRefreshLayout srl_main;
    RecyclerView rv_main;
    ArrayList<String> array_nama,array_noinduk,array_alamat,array_hobi;
    ProgressDialog progressDialog;

    RecyclerViewAdapter recycleViewAdapter;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_history);
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        srl_main = findViewById(R.id.srl_main);
        rv_main = findViewById(R.id.rv_main);
        progressDialog = new ProgressDialog(this);

        rv_main.hasFixedSize();
        LinearLayoutManager layoutManager = new
        LinearLayoutManager(this,LinearLayoutManager.VERTICAL,false);
        rv_main.setLayoutManager(layoutManager);

        srl_main.setOnRefreshListener(new SwipeRefreshLayout.OnRefreshListener() {
            @Override
            public void onRefresh() {
                scrollRefresh();
                srl_main.setRefreshing(false);
            }
        });

        scrollRefresh();
    }

    public void scrollRefresh(){
        progressDialog.setMessage("Mengambil Data.....");
        progressDialog.setCancelable(false);
        progressDialog.show();
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                getData();
            }
        },0);
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case android.R.id.home:
                // app icon in action bar clicked; go home

```

```

        Intent intent = new Intent(this, MainActivity.class);
        intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
        startActivity(intent);
        return true;
    default:
        return super.onOptionsItemSelected(item);
    }
}

void initializeArray(){
    array_noinduk = new ArrayList<>();
    array_nama = new ArrayList<>();
    array_alamat = new ArrayList<>();
    array_hobi = new ArrayList<>();

    array_noinduk.clear();
    array_nama.clear();
    array_alamat.clear();
    array_hobi.clear();
}

public void getData(){
    initializeArray();
    AndroidNetworking.get("https://gilangppb.000webhostapp.com/pembayaran.php")
        .setTag("Get Data")
        .setPriority(Priority.MEDIUM)
        .build()
        .getAsJSONObject(new JSONObjectRequestListener() {
            @Override
            public void onResponse(JSONObject response) {
                progressDialog.dismiss();

                try{
                    Boolean status = response.getBoolean("status");
                    if(status){
                        JSONArray ja = response.getJSONArray("result");
                        Log.d("respon", ""+ja);
                        for(int i = 0 ; i < ja.length() ; i++){
                            JSONObject jo = ja.getJSONObject(i);

                            array_noinduk.add(jo.getString("total_harga"));
                            array_nama.add(jo.getString("nama"));
                            array_alamat.add(jo.getString("bayar"));
                            array_hobi.add(jo.getString("status"));
                        }
                        recycleViewAdapter = new
RecyclerViewAdapter(HistoryActivity.this,array_noinduk,array_nama,array_alamat,array_hobi);
rv_main.setAdapter(recycleViewAdapter);
                    }else{
                        Toast.makeText(HistoryActivity.this, "Gagal Mengambil Data",
Toast.LENGTH_SHORT).show();
                        recycleViewAdapter = new
RecyclerViewAdapter(HistoryActivity.this,array_noinduk,array_nama,array_alamat,array_hobi);
rv_main.setAdapter(recycleViewAdapter);
                    }
                }
            }
        })
}

```

```

        catch (Exception e){
            e.printStackTrace();
        }

    }

    @Override
    public void onError(ANError anError) {

    }

    });
}
}

```

LoginActivity.java :

```

package com.example.uasproject;

import static android.content.ContentValues.TAG;

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

import android.content.Intent;
import android.content.IntentSender;
import android.os.Bundle;
import android.util.Log;
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.identity.BeginSignInRequest;
import com.google.android.gms.auth.api.identity.BeginSignInResult;
import com.google.android.gms.auth.api.identity.Identity;
import com.google.android.gms.auth.api.identity.SignInClient;
import com.google.android.gms.auth.api.identity.SignInCredential;
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.common.api.CommonStatusCodes;
import com.google.android.gms.tasks.OnCompleteListener;

```

```

import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.android.gms.tasks.Task;
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 static final int REQ_ONE_TAP = 2; // Can be any integer unique to the Activity.
    private boolean showOneTapUI = true;
    private EditText edit_User, edit_Password;
    private Button btn_login, btn_register;
    private SignInButton btn_google;
    private LoginButton btn_facebook;
    private FirebaseAuth mAuth;
    private GoogleSignInClient mGoogleSignInClient;
    private SignInClient oneTapClient;
    private CallbackManager mCallbackManager;

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

        edit_User = findViewById(R.id.username);
        edit_Password = findViewById(R.id.password);
        btn_login = findViewById(R.id.btn_login);
        btn_register = findViewById(R.id.btn_register);
        btn_google = findViewById(R.id.btn_google);
        btn_facebook = findViewById(R.id.btn_facebook);
        mAuth = FirebaseAuth.getInstance();
        oneTapClient = Identity.getSignInClient(this);

        //Facebook
        mCallbackManager = CallbackManager.Factory.create();
        FacebookSdk.sdkInitialize(getApplicationContext());
        AppEventsLogger.activateApp(getApplicationContext());

        btn_facebook.setReadPermissions("email", "public_profile");
        btn_facebook.registerCallback(mCallbackManager, new FacebookCallback<LoginResult>() {
            @Override
            public void onSuccess(LoginResult loginResult) {
                Log.d(TAG, "facebook:onSuccess:" + loginResult);
                handleFacebookAccessToken(loginResult.getAccessToken());
            }

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

            @Override

```

```

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

    btn_register.setOnClickListener(v -> {
        startActivity(new Intent(getApplicationContext(), RegisterActivity.class));
    });

    btn_login.setOnClickListener(v ->{
        if(edit_User.getText().length() > 0 && edit_Password.getText().length() > 0){
            login(edit_User.getText().toString(), edit_Password.getText().toString());
        }
        else{
            Toast.makeText(getApplicationContext(), "Isi Semua Data !", Toast.LENGTH_SHORT).show();
        }
    });

    GoogleSignInOptions gso = new
    GoogleSignInOptions.Builder(GoogleSignInOptions.DEFAULT_SIGN_IN)
        .requestIdToken("995095777902-
fio229ka1q9773esa3t87m4asntpo2g1.apps.googleusercontent.com")
        .requestEmail()
        .build();

    mGoogleSignInClient = GoogleSignIn.getClient(this, gso);

    btn_google.setOnClickListener(v ->{
        googleSignIn();
    });

}

private void handleFacebookAccessToken(AccessToken token) {
    Log.d(TAG, "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(TAG, "signInWithCredential:success");
                    FirebaseUser user = mAuth.getCurrentUser();
                    reload();
                } else {
                    // If sign in fails, display a message to the user.
                    Log.w(TAG, "signInWithCredential:failure", task.getException());
                    Toast.makeText(LoginActivity.this, "Authentication failed.",
                    Toast.LENGTH_SHORT).show();
                }
            }
        });
}

```



```

}

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

private void login(String username, String password){
    mAuth.signInWithEmailAndPassword(username, 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();
            }
        }
    });
}

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

@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable 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", "firebaseAuthGoogle:" + account.getId());
            firebaseAuthWithGoogle(account.getIdToken());
        } catch (ApiException e) {
            Log.w(TAG, "Google SIGN IN Failed",task.getException());
        }
    }
    else if(requestCode == 1002){
        // Pass the activity result back to the Facebook SDK
        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(TAG, "SignInWithCredential:success");
        FirebaseUser user = mAuth.getCurrentUser();

    }else{
        Log.w(TAG, "SignInWithCredential:Failed", 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.example.uasproject;

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

import android.annotation.SuppressLint;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.preference.Preference;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;
import android.widget.TextView;
import com.firebase.ui.auth.AuthUI;

import com.google.android.gms.auth.api.identity.SignInClient;
import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;

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.AlertDialog;
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.example.uasproject.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;

public class MainActivity extends AppCompatActivity implements ProdukAdapter.ItemClickListener {

    private FirebaseUser firebaseUser;
    private TextView username;
    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 int tot=0;
    String dataProduk[] = null;
    String dS[] = null;

    @SuppressWarnings("SetTextI18n")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        username = findViewById(R.id.username);
        firebaseUser = FirebaseAuth.getInstance().getCurrentUser();

        if(firebaseUser.getDisplayName() != null) {
            username.setText(firebaseUser.getEmail());
        }else{
            username.setText("Anonym");
        }
    }

```

```

        mRecyclerview = (RecyclerView) findViewById(R.id.recycler_view);
        pd = new ProgressDialog(MainActivity.this);
        mItems = new ArrayList<>();
// Membaca Semua Barang
        loadJson();
//mManager = new LinearLayoutManager(MainActivity.this,LinearLayoutManager.VERTICAL,false);
//mRecyclerview.setLayoutManager(mManager);
        mAdapter = new ProdukAdapter(mItems);
        adapter= new ProdukAdapter(mItems);
//mRecyclerview.setAdapter(mAdapter);
        //GRID 2 kolom
        GridLayoutManager layoutManager=new GridLayoutManager(this,2);
//STAGGER 4 KOLOM
// StaggeredGridLayoutManager ilm=new StaggeredGridLayoutManager(4,
StaggeredGridLayoutManager.VERTICAL);
        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. " + tot);
    }

    public void onClick(View view, int position) {

        final Produk mhs = mItems.get(position);

        switch (view.getId()) {
            case R.id.txt_nama_produk:
                Intent intent = new Intent(MainActivity.this, DetailActivity.class);
                intent.putExtra("nama_makanan", mhs.getNama());
                intent.putExtra("stock-makanan", mhs.getKode());
                intent.putExtra("harga_makanan", mhs.getHarga());
                intent.putExtra("gambar_makanan", mhs.getImg());
                startActivity(intent);
                return;

            case R.id.img_card:
                tot = tot + Integer.parseInt(mhs.getHarga());
                postTotals();
                return;
            default:
                Toast.makeText(this,mhs.getNama(),Toast.LENGTH_SHORT).show();
                break;
        }
    }

}

    public void checkout(View view) {

```

```

        if (tot == 0){
            Toast.makeText(this,"Silahkan Pilih Barang Dulu",Toast.LENGTH_SHORT).show();
        }
        else{
            Intent i = new Intent(MainActivity.this, CheckoutActivity.class);
            i.putExtra("total_harga", Integer.toString(tot));
            startActivity(i);
            finish();
        }
    }

    private void loadJson()
    {
        pd.setMessage("Mengambil Data");
        pd.setCancelable(false);
        pd.show();
        JsonRequest reqData = new JsonRequest(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("stok"));
                        md.setNama(data.getString("nm_brg"));
                        md.setHarga(data.getString("harga"));
                        md.setImg(data.getInt("gambar"));

                        mItems.add(md);

                    } catch (JSONException e) {
                        e.printStackTrace();
                    }
                }
            }
        });
        //mAdapter.notifyDataSetChanged();
        adapter.notifyDataSetChanged();
    },
    new Response.ErrorListener() {
        @Override
        public void
        onErrorResponse(VolleyError error) {
            pd.cancel();
            Log.d("volley", "error : " + error.getMessage());
        }
    });
    com.example.uasproject.Util.AppController.getInstance().addToRequestQueue(reqData);
}

public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.action_menu,menu);
}

```

```

        return true;
    }

    @Override
    public boolean onOptionsItemSelected(@NonNull MenuItem item) {
        switch (item.getItemId()){
            case R.id.menu_call:
                String phone = "089682359965";
                Intent intent = new Intent(Intent.ACTION_DIAL, Uri.fromParts("tel", phone, null));
                startActivity(intent);
                break;
            case R.id.logout:
                FirebaseAuth.getInstance().signOut();
                AuthUI.getInstance()
                    .signOut(this)
                    .addOnCompleteListener(new OnCompleteListener<Void>() {
                        public void onComplete(@NonNull Task<Void> task) {
                            // user is now signed out
                            startActivity(new Intent(MainActivity.this, LoginActivity.class));
                            finish();
                        }
                    });
                break;
            case R.id.menu_update:
                startActivity(new Intent(MainActivity.this, UpdateUserActivity.class));
                break;
            case R.id.menu_lokasi:
                Uri gmmIntentUri = Uri.parse("https://maps.app.goo.gl/kVyaFzAyK8eiJCgTA");
                Intent mapIntent = new Intent(Intent.ACTION_VIEW, gmmIntentUri);
                mapIntent.setPackage("com.google.android.apps.maps");
                startActivity(mapIntent);
                break;
            case R.id.menu_sms:
                Intent I = new Intent(Intent.ACTION_VIEW);
                Intent smsIntent = new Intent(Intent.ACTION_SENDTO, Uri.parse("smsto:" +
"089682359965"));
                smsIntent.putExtra("sms_body", "Hello ini Project UAS Gilang");
                startActivity(smsIntent);
                break;
            case R.id.history:
                startActivity(new Intent(MainActivity.this, HistoryActivity.class));
                break;
            default:
                return super.onOptionsItemSelected(item);
        }
        return true;
    }
}

```

Produk.java :

```
package com.example.uasproject;

public class Produk {
    private String kode;
    private String nama;
    private String harga;
    private int img;
    public Produk(){}
    public Produk(String kode, String nama, String harga,int img) {
        this.kode = kode;
        this.nama = nama;
        this.harga = harga;
        this.img=img;
    }
    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(int img) {
        this.img = img;
    }
    public int getImg() {
        return img;
    }
}
```

ProdukAdapter.java :

```
package com.example.uasproject;

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 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;
    int[] gambar = {R.drawable.nasgor_ayam, R.drawable.kwetiaw_goreng,R.drawable.nasgor_babat,
R.drawable.nasgor_spesial, R.drawable.nasgor_ruwet, R.drawable.nasgor_pete};
    public ProdukAdapter(ArrayList<Produk> dataList)
    {
        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_item, 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("Stock : " + dataList.get(position).getKode());
        holder.txtHarga.setText("Rp. " + dataList.get(position).getHarga());
        holder.icon.setImageResource(gambar[(dataList.get(position).getImg()-1)]);
    }
    @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 final 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;
}
}

```

RecyclerViewAdapter.java :

```

package com.example.uasproject;

import android.app.ProgressDialog;
import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.TextView;
import android.widget.Toast;

import androidx.cardview.widget.CardView;
import androidx.recyclerview.widget.RecyclerView;

import com.androidnetworking.AndroidNetworking;
import com.androidnetworking.common.Priority;
import com.androidnetworking.error.ANError;
import com.androidnetworking.interfaces.JSONObjectRequestListener;

import org.json.JSONObject;

import java.util.ArrayList;
import java.util.List;
import java.util.logging.Handler;

public class RecyclerViewAdapter extends RecyclerView.Adapter<RecyclerViewAdapter.MyViewHolder>
{

    private Context mContext;
    private ArrayList<String> array_noinduk,array_nama,array_alamat,array_hobi;
    ProgressDialog progressDialog;

    public class MyViewHolder extends RecyclerView.ViewHolder {
        public TextView tv_noind,tv_nama,tv_alamat,tv_hobi;
        public CardView cv_main;
    }
}

```

```

public MyViewHolder(View view) {
    super(view);
    cv_main = itemView.findViewById(R.id.cv_main);
    tv_noind = itemView.findViewById(R.id.tv_noind);
    tv_nama = itemView.findViewById(R.id.tv_nama);
    tv_alamat = itemView.findViewById(R.id.tv_alamat);
    tv_hobi = itemView.findViewById(R.id.tv_hobi);

    progressDialog = new ProgressDialog(mContext);
}

public RecyclerViewAdapter(Context mContext, ArrayList<String> array_noinduk, ArrayList<String>
array_nama, ArrayList<String> array_alamat, ArrayList<String> array_hobi) {
    super();
    this.mContext = mContext;
    this.array_noinduk = array_noinduk;
    this.array_nama = array_nama;
    this.array_alamat = array_alamat;
    this.array_hobi = array_hobi;
}

@Override
public MyViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {
    LayoutInflater inflater = LayoutInflater.from(parent.getContext());
    View itemView = inflater.inflate(R.layout.template_rv, parent, false);
    return new RecyclerViewAdapter.MyViewHolder(itemView);
}

@Override
public void onBindViewHolder(MyViewHolder holder, final int position) {
    holder.tv_noind.setText("Total Harga : " + array_noinduk.get(position));
    holder.tv_nama.setText("Nama : " + array_nama.get(position));
    holder.tv_alamat.setText("Bayar : " + array_alamat.get(position));
    holder.tv_hobi.setText("Status Pembayaran : " + array_hobi.get(position));
}

@Override
public int getItemCount() {
    return array_noinduk.size();
}
}

```

RegisterActivity.java :

```

package com.example.uasproject;

import static android.content.ContentValues.TAG;

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

import android.content.Intent;

```

```

import android.os.Bundle;
import android.util.Log;
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 EditText editusername, editpassword, editpasswordconf;
    private Button btn_login, btn_register;
    private FirebaseAuth mAuth;

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

        editusername = findViewById(R.id.nameregister);
        editpassword = findViewById(R.id.passregister);
        editpasswordconf = findViewById(R.id.passregisterconfirm);
        btn_login = findViewById(R.id.btn_login);
        btn_register = findViewById(R.id.btn_register);
        mAuth = FirebaseAuth.getInstance();

        btn_login.setOnClickListener(v ->{
            finish();
        });

        btn_register.setOnClickListener(v -> {
            if(editusername.getText().length() > 0 && editpassword.getText().length() > 0 &&
            editpasswordconf.getText().length() > 0){
                if(editpassword.getText().toString().equals(editpasswordconf.getText().toString())){
                    register(editusername.getText().toString(), editpassword.getText().toString());
                }
                else{
                    Toast.makeText(getApplicationContext(), "Password harus sama !",
                    Toast.LENGTH_SHORT).show();
                }
            }
            else{
                Toast.makeText(getApplicationContext(), "Isi Semua Data !", Toast.LENGTH_SHORT).show();
            }
        });
    }

    private void register(String username, String password){

        mAuth.createUserWithEmailAndPassword(username, password)
            .addOnCompleteListener(this, new OnCompleteListener<AuthResult>() {

```

```

        @Override
        public void onComplete(@NonNull Task<AuthResult> task) {
            if (task.isSuccessful()) {
                FirebaseUser firebaseUser = task.getResult().getUser();
                if(firebaseUser != null) {
                    UserProfileChangeRequest request = new
UserProfileChangeRequest.Builder().setDisplayName(username).build();
                    firebaseUser.updateProfile(request).addOnCompleteListener(new
OnCompleteListener<Void>() {
                        @Override
                        public void onComplete(@NonNull Task<Void> task) {
                            reload();
                        }
                    });
                }else{
                    Toast.makeText(RegisterActivity.this, "Register Gagal",
Toast.LENGTH_SHORT).show();
                }
            } else {
                Toast.makeText(RegisterActivity.this, "Register Gagal 2",
Toast.LENGTH_SHORT).show();
            }
        }
    };
}

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();
    }
}
}
}

```

SplashScreenActivity.java :

```

package com.example.uasproject;

import androidx.appcompat.app.AppCompatActivity;

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

```

```

public class SplashScreenActivity extends AppCompatActivity {

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

        View decorView = getWindow().getDecorView();

        //Hide Status Bar
        int uiOptions = View.SYSTEM_UI_FLAG_FULLSCREEN;

        decorView.setSystemUiVisibility(uiOptions);

        //hide action bar
        if(getSupportActionBar() != null){
            getSupportActionBar().hide();
        }
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                startActivity(new Intent(SplashScreenActivity.this, LoginActivity.class));
                finish();
            }
        }, 3000);
    }
}

```

UpdateUserActivity.java :

```

package com.example.uasproject;

import static android.content.ContentValues.TAG;

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

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.util.Log;
import android.view.MenuItem;
import android.view.View;
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.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;

```

```

public class UpdateUserActivity extends AppCompatActivity {

    private EditText mViewUser, mViewPassword, mViewRepassword;
    private EditText mViewUser2;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_update_user);
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        mViewUser = findViewById(R.id.et_emailSignup);
        mViewPassword = findViewById(R.id.et_passwordSignup);
        mViewRepassword = findViewById(R.id.et_passwordSignup2);
        FirebaseAuth user = FirebaseAuth.getInstance().getCurrentUser();
        if (user != null) {
            // Name, email address, and profile photo Url
            String email = user.getEmail();

            EditText editText = findViewById(R.id.et_emailSignup);
            editText.setText(email, TextView.BufferType.EDITABLE);

        }

        /* Menjalankan Method razia() jika merasakan tombol SignUp disentuh */
        findViewById(R.id.button_signupSignup).setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                UpdateUser();
            }
        });
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case android.R.id.home:
                // app icon in action bar clicked; go home
                Intent intent = new Intent(this, MainActivity.class);
                intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
                startActivity(intent);
                return true;
            default:
                return super.onOptionsItemSelected(item);
        }
    }

    public void UpdateUser(){
        /* Mengambil text dari Form User, Password, Repassword dengan variable baru bertipe String*/
        String repassword = mViewRepassword.getText().toString();
        String UpdateUser = mViewUser.getText().toString();
        String password = mViewPassword.getText().toString();

        if(cekPassword(password, repassword)){
            FirebaseAuth user = FirebaseAuth.getInstance().getCurrentUser();
            //email

```

```

        user.updateEmail(UpdateUser).addOnCompleteListener(new OnCompleteListener<Void>() {
            @Override
            public void onComplete(@NonNull Task<Void> task) {
                if (task.isSuccessful()) {
                    //password
                    user.updatePassword(password)
                        .addOnCompleteListener(new OnCompleteListener<Void>() {
                            @Override
                            public void onComplete(@NonNull Task<Void> task) {
                                if (task.isSuccessful()) {
                                    Log.d(TAG, "Update User berhasil.");
                                    Intent intent = new Intent(UpdateUserActivity.this, MainActivity.class);
                                    startActivity(intent);
                                }
                                else{
                                    Log.d(TAG, "Update User Gagal.");
                                }
                            }
                        });
                }
                else{
                    Log.d(TAG, "Update User Gagal.");
                }
            }
        });

        }
        else if(password != repassword){
            Toast.makeText(getApplicationContext(), "Password harus sama !",
            Toast.LENGTH_SHORT).show();
        }

    }

    /** True jika parameter password sama dengan parameter repassword */
    private boolean cekPassword(String password, String repassword){
        return password.equals(repassword);
    }
}

```

activity_checkout.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=".CheckoutActivity">
    <TextView

```

```
android:background="#f0e8e8"
android:gravity="center"
android:orientation="vertical"
android:id="@+id/rekening"
android:layout_width="match_parent"
android:layout_height="40dp"
android:text="FORM PEMBAYARAN"
android:textColor="@android:color/black" />
```

<TextView

```
android:id="@+id/dua"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_below="@id/rekening"
android:layout_marginTop="30dp"
android:text="Total Harga"
android:textColor="@color/black"
android:textAlignment="center"
android:textAppearance="@style/TextAppearance.AppCompat.Small"
/>
```

<TextView

```
android:textColor="@color/black"
android:id="@+id/total_harga"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:textAlignment="center"
android:textSize="20dp"
android:layout_below="@id/dua"
android:layout_marginTop="5dp"
android:layout_marginBottom="10dp"
android:hint="..."
/>
```

<TextView

```
android:id="@+id/tiga"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_below="@id/total_harga"
android:layout_marginTop="10dp"
android:text="Pembayaran"
android:textAppearance="@style/TextAppearance.AppCompat.Small"
/>
```

<EditText

```
android:id="@+id/nominal_bayar"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_below="@id/tiga"
android:layout_marginTop="5dp"
android:hint="Masukan Nominal Bayar"
android:textAppearance="@style/TextAppearance.AppCompat.Medium"
/>
```

<Button

```
android:id="@+id/btn_gallery"
android:layout_width="match_parent"
android:layout_height="wrap_content"
```



```

        android:layout_below="@id/nominal_bayar"
        android:layout_marginTop="10dp"
        android:background="#f0e8e8"
        android:text="UPLOAD BUKTI PEMBAYARAN"
        android:textColor="@color/white" />

```

<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:onClick="bayar"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:background="#f0e8e8"
        android:text="Bayar"
        android:textColor="@color/white" />

```

<Button

```

        android:visibility="gone"
        android:id="@+id/btn_cetak"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:background="#f0e8e8"
        android:text="CETAK NOTA"
        android:onClick="cetak"
        android:textColor="@color/black"/>

```

```

</RelativeLayout>

```

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"
    android:padding="20dp"
    tools:context=".DetailActivity">

```

```

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Deskripsi"
    android:textSize="35dp"
    android:textStyle="bold"
    android:layout_marginBottom="20dp"
    android:textAlignment="center"
/>

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

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

<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:textAlignment="center"
    android:text="Deskripsi"
    android:textColor="#070707"
    android:textSize="16sp"
    android:background="@color/abu"/>

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

<TextView
    android:id="@+id/txtHargadtI"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:paddingLeft="10dp"
    android:text="Harga"
    android:textColor="#000000"

```

```

        android:textSize="18sp"
        android:textAlignment="center"
        android:textStyle="bold"
        android:background="@color/abu" />
</LinearLayout>

```

activity_history.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"
    tools:context=".HistoryActivity"
    android:orientation="vertical">

    <androidx.swiperefreshlayout.widget.SwipeRefreshLayout
        android:id="@+id/srl_main"
        android:layout_width="match_parent"
        android:layout_height="match_parent">
        <androidx.core.widget.NestedScrollView
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <androidx.recyclerview.widget.RecyclerView
                android:id="@+id/rv_main"
                android:layout_width="match_parent"
                android:layout_height="match_parent">
            </androidx.recyclerview.widget.RecyclerView>
        </androidx.core.widget.NestedScrollView>
    </androidx.swiperefreshlayout.widget.SwipeRefreshLayout>

</LinearLayout>

```

activity_login.xml :

```

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

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

```

```

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="@string/login_page"
    android:textAlignment="center"
    android:textStyle="bold"
    android:textSize="20dp"
    android:textColor="@color/black"
    android:layout_marginBottom="30dp"/>

<com.google.android.material.textfield.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    app:boxBackgroundColor="@color/white"
    app:boxBackgroundMode="outline">
    <EditText
        android:id="@+id/username"
        android:layout_marginTop="25dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Username"
        android:inputType="text"/>
    </com.google.android.material.textfield.TextInputLayout>
    <com.google.android.material.textfield.TextInputLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:boxBackgroundColor="@color/white"
        app:boxBackgroundMode="outline"
        app:passwordToggleEnabled="true">
        <EditText
            android:id="@+id/password"
            android:layout_marginTop="15dp"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Password"
            android:inputType="textPassword"/>
        </com.google.android.material.textfield.TextInputLayout>

<Button
    android:id="@+id/btn_login"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:text="Login"
    android:backgroundTint="@color/teal_700"
/>
<Button
    android:id="@+id/btn_register"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="0dp"
    android:text="Register"
    android:backgroundTint="#FF5722"
/>

```

```

<com.google.android.gms.common.SignInButton
    android:id="@+id/btn_google"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    />

<com.facebook.login.widget.LoginButton
    android:id="@+id/btn_facebook"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="5dp"
    android:layout_marginBottom="30dp" />

</LinearLayout>
</ScrollView>

```

activity_main.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"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <TextView
        android:background="@color/abu"
        android:id="@+id/username"
        android:layout_alignParentStart="true"

        android:textColor="@color/black"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:gravity="center_horizontal"
        android:text="..."
        />

    <androidx.recyclerview.widget.RecyclerView
        android:layout_below="@id/username"
        android:id="@+id/recycler_view"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginBottom="35dp"/>

    <TextView
        android:id="@+id/totalPrice"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"

```

```

        android:background="#FF6839"
        android:padding="8dp"
        android:textAlignment="center"
        android:textColor="@color/black"
        android:textStyle="bold"
        android:onClick="checkout"/>
</RelativeLayout>

```

activity_register.xml :

```

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

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="20dp">
        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Register Page"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textStyle="bold"
            android:textSize="30dp"/>
        <com.google.android.material.textfield.TextInputLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            app:boxBackgroundMode="outline"
            app:boxBackgroundColor="@color/white"
            android:layout_marginTop="25dp">
            <EditText
                android:id="@+id/nameregister"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:hint="Masukan Email"
                android:inputType="text" />
        </com.google.android.material.textfield.TextInputLayout>
        <com.google.android.material.textfield.TextInputLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            app:boxBackgroundMode="outline"
            app:boxBackgroundColor="@color/white"
            app:passwordToggleEnabled="true"
            android:layout_marginTop="10dp">
            <EditText

```

```

        android:id="@+id/passregister"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Masukan Password"
        android:inputType="textPassword" />
    </com.google.android.material.textfield.TextInputLayout>
    <com.google.android.material.textfield.TextInputLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:boxBackgroundMode="outline"
        app:boxBackgroundColor="@color/white"
        app:passwordToggleEnabled="true"
        android:layout_marginTop="10dp">
        <EditText
            android:id="@+id/passregisterconfirm"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Konfirmasi Password"
            android:inputType="textPassword" />
    </com.google.android.material.textfield.TextInputLayout>
    <Button
        android:id="@+id/btn_register"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Register"
        android:layout_marginTop="15dp"/>
    <Button
        android:id="@+id/btn_login"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Login"
        android:backgroundTint="#FF5722"
        android:layout_marginTop="0dp"/>
</LinearLayout>
</ScrollView>

```

activity_splash_screen.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"
    android:orientation="vertical"
    tools:context=".SplashScreenActivity">

    <ImageView
        android:id="@+id/gambar_splash"
        android:layout_width="200dp"
        android:layout_height="250dp"
        android:src="@drawable/nasgor_boyolali"
        android:layout_centerHorizontal="true"

```

```

        android:layout_centerVertical="true"
    />

    <TextView
        android:layout_below="@+id/gambar_splash"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textColor="@color/black"
        android:text="@string/splash_screen"
        android:textSize="25dp"
        android:textStyle="bold"
        android:gravity="center_horizontal"
    />
</RelativeLayout>

```

activity_update_user.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:layout_marginTop="150dp"
    android:padding="20dp"
    tools:context=".UpdateUserActivity">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="UPDATE USER"
        android:textSize="35dp"
        android:textAlignment="center"
        android:layout_marginBottom="40dp"
    />

    <EditText
        android:id="@+id/et_emailSignup"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Masukan Email ..."
        android:inputType="textEmailAddress"
        android:maxLines="1"
        android:singleLine="true"
        android:imeOptions="actionNext"/>

    <EditText
        android:id="@+id/et_passwordSignup"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Masukan Password ..."
        android:inputType="text"
        android:maxLines="1"
    />

```



```

        android:singleLine="true"
        android:imeOptions="actionNext"/>
    <EditText
        android:id="@+id/et_passwordSignup2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginBottom="30dp"
        android:hint="Konfirmasi Password"
        android:inputType="textPassword"
        android:maxLines="1"
        android:singleLine="true"
        android:imeActionLabel="Sign Up"
        android:imeOptions="actionDone" />
    <Button
        android:id="@+id/button_signupSignup"
        android:layout_width="200dp"
        android:layout_gravity="center_horizontal"
        android:layout_height="wrap_content"
        android:text="Update" />

</LinearLayout>

```

list_item.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"
    android:id="@+id/cardView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="8dp"
    android:layout_marginBottom="8dp"
    app:cardElevation="18dp"
    app:strokeWidth="3dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">
        <ImageView
            android:id="@+id/img_card"
            android:layout_width="200dp"
            android:layout_height="194dp"
            android:scaleType="centerCrop"
            android:src="@drawable/ic_launcher_background" />
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:layout_gravity="center"
            android:gravity="center"
            android:padding="8dp"
            android:background="@drawable/shape"

```

```

>
<!-- TextView Nama Produk-->
<TextView
    android:id="@+id/txt_nama_produk"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text=""
    android:textStyle="bold"
    android:textAlignment="center"
    android:textColor="@color/white" />
<!-- TextView Kode -->
<TextView
    android:id="@+id/txt_kode_produk"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text=""
    android:textAlignment="center"
    android:textColor="@color/white" />
<!-- TextView Harga -->
<TextView
    android:id="@+id/txt_harga_produk"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text=""
    android:textAlignment="center"
    android:textColor="@color/white"
/>
</LinearLayout>
</LinearLayout>
</RelativeLayout>

```

action_menu.xml :

```

<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto">

    <item
        android:id="@+id/menu_call"
        android:icon="@drawable/call"
        android:title="@string/menu_call"
        app:showAsAction="never"/>

    <item
        android:id="@+id/menu_sms"
        android:icon="@drawable/call"
        android:title="@string/menu_sms"
        app:showAsAction="never" />

    <item
        android:id="@+id/menu_lokasi"
        android:title="@string/menu_lokasi"

```

```

        app:showAsAction="never" />

<item
    android:id="@+id/menu_update"
    android:icon="@drawable/update"
    android:title="@string/menu_update"
    app:showAsAction="never" />

<item
    android:id="@+id/logout"
    android:orderInCategory="40"
    android:title="@string/menu_logout"
    android:icon="@drawable/ic_logout_white"
    app:showAsAction="always"
    />
<item
    android:id="@+id/history"
    android:orderInCategory="40"
    android:title="@string/menu_logout"
    android:icon="@drawable/history"
    app:showAsAction="always"
    />
</menu>

```

colors.xml :

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF5722</color>
    <color name="purple_700">#FF5722</color>
    <color name="teal_200">#FF03DAC5</color>
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="abu">#B7C4CF</color>
</resources>

```

strings.xml :

```

<resources>
    <string name="app_name">Nasi Goreng Boyolali</string>

    <string name="splash_screen">Sugeng Rawuh</string>
    <string name="login_page">Login Page</string>
    <string name="webclientid">30237457303-rg9m3vbjkofbj7s0colpr9dgtvjc76rc.apps.googleusercontent.com</string>

    <string name="facebook_app_id">1906870822990358</string>
    <!-- <string name="fb_login_protocol_scheme">fb1234</string-->

```

```
<string name="facebook_client_token">75b9eebf61472a85b9d79ba35b5f837a</string>
<string name="menu_call">Call Center</string>
<string name="menu_sms">SMS Center</string>
<string name="menu_logout">Logout</string>
<string name="menu_update">Update User</string>
<string name="menu_lokasi">Lokasi</string>

</resources>
```