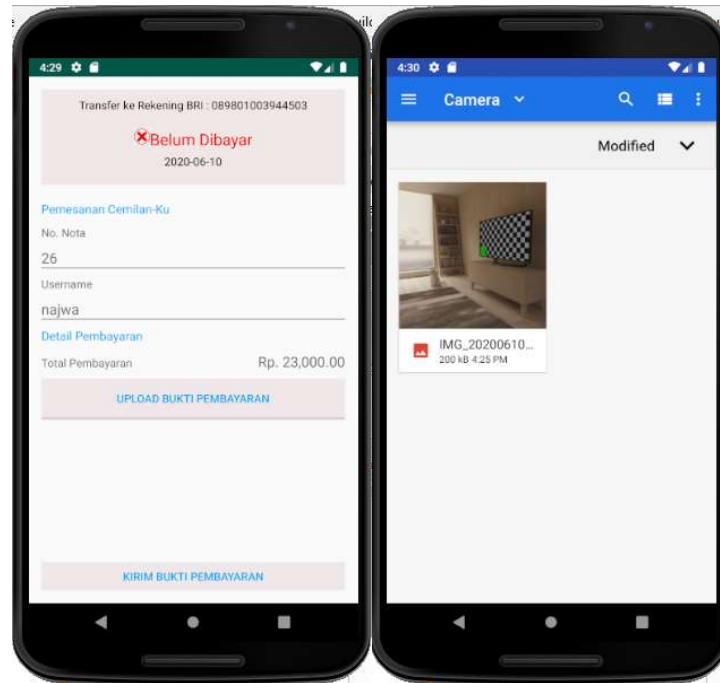


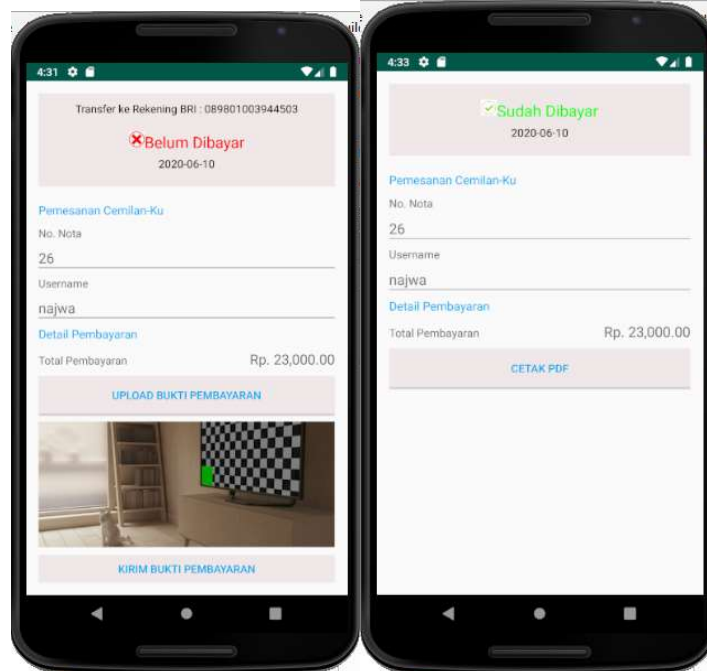
## Praktikum 14 : Bukti Pembayaran

Persiapan :

1. Buat Desain berikut, desain boleh beda :



Gambar 1 : Desain Form Upload Pembayaran



Gambar 2 : Bukti Dipilih & Tampil Cetak Nota

Code StatusActivity.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=".Ui.StatusActivity">

    <LinearLayout
        android:id="@+id/linearLayout1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="#f0e8e8"
        android:gravity="center_horizontal"
        android:orientation="vertical">

        <TextView
            android:id="@+id/rekening"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="10dp"
            android:gravity="center"
            android:text="Transfer ke Rekening BRI :
089801003944503"
            android:textColor="@android:color/black" />

        <LinearLayout
            android:id="@+id/linearLayout"
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_marginTop="20dp"
            android:orientation="horizontal">

            <ImageView
                android:id="@+id/img_status"
                android:layout_width="20dp"
                android:layout_height="20dp"
                android:src="@drawable/ic_launcher_foreground"
```

/>

```
<TextView
    android:id="@+id/text_status"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Status Bayar"
    android:textSize="20dp" />
```

</LinearLayout>

```
<TextView
    android:id="@+id/tanggal"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:layout_marginBottom="20dp"
    android:gravity="center"
    android:text="Tanggal"
    android:textColor="@android:color/black" />
```

</LinearLayout>

```
<TextView
    android:id="@+id/satu"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/linearLayout1"
    android:layout_marginTop="20dp"
    android:text="Pemesanan Cemilan-Ku"
    android:textColor="@color/colorPrimary"
    android:textSize="15dp" />
```

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

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

```
<TextView
    android:id="@+id/no_nota"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/dua"
    android:layout_marginTop="10dp"
    android:text="123"
```

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

```
<View
    android:id="@+id/garis1"
    android:layout_width="match_parent"
    android:layout_height="1dp"
    android:layout_below="@id/no_nota"
    android:background="@android:color/darker_gray" />
```

```
<TextView
    android:id="@+id/tiga"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/garis1"
    android:layout_marginTop="10dp"
    android:text="Username"
```

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

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

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

```
<View
    android:id="@+id/garis2"
    android:layout_width="match_parent"
    android:layout_height="1dp"
    android:layout_below="@id/user"
    android:background="@android:color/darker_gray" />
```

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

```
<LinearLayout
    android:id="@+id/linearLayout2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/empat"
    android:layout_marginTop="10dp"
    android:orientation="horizontal">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:text="Total Pembayaran"
```

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

```
<TextView
    android:id="@+id/total_biaya"
```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:gravity="right"
        android:text="999"

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

```

```

</LinearLayout>

```

```

<Button
    android:id="@+id/btn_gallery"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/linearLayout2"
    android:layout_marginTop="10dp"
    android:background="#f0e8e8"
    android:text="UPLOAD BUKTI PEMBAYARAN"
    android:textColor="@color/colorPrimary" />

```

```

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

```

```

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

```

```

<Button

```

```
        android:id="@+id/btn_simpan"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/inp_gambar"
        android:layout_marginTop="10dp"
        android:background="#f0e8e8"
        android:text="KIRIM BUKTI PEMBAYARAN"
        android:textColor="@color/colorPrimary" />
```

</RelativeLayout>

2. Code StatusActivity.java :

```
package com.example.uas.Ui;

import android.app.ProgressDialog;
import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.Color;
import android.net.Uri;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;
import com.android.volley.toolbox.StringRequest;
import com.example.uas.R;
import com.example.uas.Util.AppController;
import com.example.uas.Util.FileUtils;
import com.example.uas.Util.ServerAPI;
import com.google.android.material.snackbar.Snackbar;
```

```

import com.itextpdf.text.BaseColor;
import com.itextpdf.text.Chunk;
import com.itextpdf.text.Document;
import com.itextpdf.text.DocumentException;
import com.itextpdf.text.Element;
import com.itextpdf.text.Font;
import com.itextpdf.text.PageSize;
import com.itextpdf.text.Paragraph;
import com.itextpdf.text.pdf.BaseFont;
import com.itextpdf.text.pdf.PdfWriter;
import com.itextpdf.text.pdf.draw.LineSeparator;
import com.kosalgeek.android.photoutil.GalleryPhoto;
import com.kosalgeek.android.photoutil.ImageBase64;
import com.kosalgeek.android.photoutil.ImageLoader;

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

import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.text.DecimalFormat;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.HashMap;
import java.util.Locale;
import java.util.Map;

public class StatusActivity extends AppCompatActivity {
    int bayar, kembali;
    TextView status, tanggal, nota, username, total;
    ImageView imgStatus, gambar;
    Button btnsimpan, btncetak, btngallery;
    ProgressDialog pd;
    DecimalFormat decimalFormat;

    GalleryPhoto mGalery;
    String encode_image = null;

```



```

private final int TAG_GALLERY = 2222;
String selected_photo = null;

public static final String TAG_USERNAME = "username";
String date;

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

    status = (TextView) findViewById(R.id.text_status);
    tanggal = (TextView) findViewById(R.id.tanggal);
    nota = (TextView) findViewById(R.id.no_nota);
    username = (TextView) findViewById(R.id.user);

    username.setText(getIntent().getStringExtra(TAG_USERNAME));
    total = (TextView) findViewById(R.id.total_biaya);
    imgStatus = (ImageView) findViewById(R.id.img_status);
    gambar = (ImageView) findViewById(R.id.inp_gambar);
    btngallery = (Button) findViewById(R.id.btn_gallery);
    btncetak = (Button) findViewById(R.id.btn_cetak);
    btnsimpan = (Button) findViewById(R.id.btn_simpan);
    date = new SimpleDateFormat("yyyy-MM-dd",
Locale.getDefault()).format(new Date());
    decimalFormat = new DecimalFormat("#,##0.00");
    pd = new ProgressDialog(StatusActivity.this);
    mGalery = new GalleryPhoto(getApplicationContext());
    loadJson();

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

startActivityForResult(mGalery.openGalleryIntent(),
TAG_GALLERY);
        }
    });
    btncetak.setOnClickListener(new View.OnClickListener()

```

```

{
    @Override
    public void onClick(View view) {
        createPDF();
    }
});
btnsimpan.setOnClickListener(new View.OnClickListener()
{
    @Override
    public void onClick(View view) {
        if (selected_photo != null) {
            simpanData();
        }
        else {
            Toast.makeText(getApplicationContext(),
"Upload bukti pembayaran terlebih dahulu",
Toast.LENGTH_LONG).show();
        }
    }
});
}

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

            try {
                JSONObject data = new
JSONObject(response);

tanggal.setText(data.getString("tanggal"));

```

```

nota.setText(data.getString("no_nota"));
        bayar = data.getInt("pembayaran");
        kembali = data.getInt("kembalian");
        total.setText("Rp. " +
decimalFormat.format(data.getInt("total_biaya")));
        if (data.getInt("status") == 1) {
            status.setText("Sudah
Dibayar");

status.setTextColor(Color.GREEN);

imgStatus.setImageResource(R.drawable.berhasil);

btngallery.setVisibility(View.GONE);

btnsimpan.setVisibility(View.GONE);

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

imgStatus.setImageResource(R.drawable.gagal);

btncetak.setVisibility(View.GONE);
        }
    } catch (JSONException e) {
        e.printStackTrace();
    }
},
new Response.ErrorListener() {
    @Override
    public void onErrorResponse(VolleyError
error) {
        pd.cancel();
    }
}

```

```

        Log.d("volley", "error : " +
error.getMessage());
    }
    }) {
        @Override
        protected Map<String, String> getParams() {
            Map<String, String> map = new HashMap<>();
            map.put("username",
username.getText().toString());
            return map;
        }
    };

    ApplicationController.getInstance().addToRequestQueue(sendData,
"json_obj_req");
}

private void simpanData() {
    pd.setMessage("Mengirim Data");
    pd.setCancelable(false);
    pd.show();

    try {
        Bitmap bitmap =
ImageLoader.init().from(selected_photo).requestSize(1024,
1024).getBitmap();
        encode_image = ImageBase64.encode(bitmap);

        Log.d("ENCODER", encode_image);
        StringRequest sendData = new
StringRequest(Request.Method.POST, ServerAPI.URL_JUAL2,
            new Response.Listener<String>() {
                @Override
                public void onResponse(String response)
{
                    pd.cancel();

                    try {
                        JSONObject res = new
JSONObject(response);

```

```

Toast.makeText(StatusActivity.this, "pesan : " +
res.getString("message"), Toast.LENGTH_SHORT).show();
        } catch (JSONException e) {
            e.printStackTrace();
        }
        Intent intent = new
Intent(getApplicationContext(), StatusActivity.class);
        intent.putExtra(TAG_USERNAME,
username.getText().toString());
        startActivity(intent);
        finish();
    }
},

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

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

```

```

    }

    @Override
    protected void onActivityResult(int requestCode, int
resultCode, Intent data) {
        super.onActivityResult(requestCode, resultCode, data);
        if (resultCode == RESULT_OK) {
            if (requestCode == TAG_GALLERY) {
                Uri uri_path = data.getData();
                mGalery.setPhotoUri(uri_path);
                String path = mGalery.getPath();

                selected_photo = path;
                try {
                    Bitmap bitmap;
                    bitmap =
ImageLoader.init().from(path).requestSize(512,
512).getBitmap();
                    gambar.setImageBitmap(bitmap);

Snackbar.make(findViewById(android.R.id.content), "Success
Loader Image", Snackbar.LENGTH_SHORT).show();
                } catch (FileNotFoundException e) {
                    e.printStackTrace();

Snackbar.make(findViewById(android.R.id.content), "Something
Wrong", Snackbar.LENGTH_SHORT).show();
                }
            }
        }
    }

    public void createPDF() {

        SimpleDateFormat s = new
SimpleDateFormat("ddMMyyyyhhmmss");
        String format = s.format(new Date());

        Document doc = new Document();

```

```

        String outputPath =
FileUtils.getAppPath(getApplicationContext()) + "/" + format +
".pdf";
    try {
        PdfWriter.getInstance(doc, new
FileOutputStream(outputPath));
        doc.open();

        // Document Settings
        doc.setPageSize(PageSize.A4);
        doc.addCreationDate();
        doc.addAuthor("Ivan");
        doc.addCreator("Ivan");

        /**
         * How to USE FONT....
         */
        BaseFont urName =
BaseFont.createFont("assets/fonts/brandon_medium.otf", "UTF-8",
BaseFont.EMBEDDED);

        /**
         * Variables for further use....
         */
        BaseColor mColorAccent = new BaseColor(0, 153, 204,
255);

        float mHeadingFontSize = 20.0f;
        float mValueFontSize = 26.0f;
        Font mTitleFont = new Font(urName, 36.0f,
Font.NORMAL, BaseColor.BLACK);
        Font mHeadingFont = new Font(urName,
mHeadingFontSize, Font.NORMAL, mColorAccent);
        Font mValueFont = new Font(urName, mValueFontSize,
Font.NORMAL, BaseColor.BLACK);

        // LINE SEPARATOR
        LineSeparator lineSeparator = new LineSeparator();
        lineSeparator.setLineColor(new BaseColor(0, 0, 0,
68));

```

```

        // Order Details...
        // Title
        Chunk mTitleChunk = new Chunk("Invoice",
mTitleFont);
        Paragraph mTitleParagraph = new
Paragraph(mTitleChunk);
        mTitleParagraph.setAlignment(Element.ALIGN_CENTER);
        doc.add(mTitleParagraph);

        // Adding Line Breakable Space....
        doc.add(new Paragraph(""));
        // Adding Horizontal Line...
        doc.add(new Chunk(lineSeparator));
        // Adding Line Breakable Space....
        doc.add(new Paragraph(""));

        // Tanggal
        Chunk mDateChunk = new Chunk("Order Date:",
mHeadingFont);
        Paragraph mOrderDateParagraph = new
Paragraph(mDateChunk);
        doc.add(mOrderDateParagraph);

        Chunk mDateValueChunk = new Chunk(date,
mValueFont);
        Paragraph mDateValueParagraph = new
Paragraph(mDateValueChunk);
        doc.add(mDateValueParagraph);

        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));

        // Akun
        Chunk mAcNameChunk = new Chunk("Account Name:",
mHeadingFont);
        Paragraph mAcNameParagraph = new
Paragraph(mAcNameChunk);
        doc.add(mAcNameParagraph);

```



```

        Chunk mNameValueChunk = new
Chunk(username.getText().toString(), mValueFont);
        Paragraph mNameValueParagraph = new
Paragraph(mNameValueChunk);
        doc.add(mNameValueParagraph);

        //adds paragraph and line seperator
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));

        // Total
        Chunk mAmountChunk = new Chunk("Total Amount:",
mHeadingFont);
        Paragraph mAmountParagraph = new
Paragraph(mAmountChunk);
        doc.add(mAmountParagraph);

        Chunk mAmountValueChunk = new
Chunk(total.getText().toString(), mValueFont);
        Paragraph mAmountValueParagraph = new
Paragraph(mAmountValueChunk);
        doc.add(mAmountValueParagraph);

        //adds paragraph and line seperator
        doc.add(new Paragraph(""));
        doc.add(new Chunk(lineSeparator));
        doc.add(new Paragraph(""));

        // Pembayaran
        Chunk mCashChunk = new Chunk("Cash:",
mHeadingFont);
        Paragraph mCashParagraph = new
Paragraph(mCashChunk);
        doc.add(mCashParagraph);

        Chunk mCashValueChunk = new Chunk("Rp. " +
decimalFormat.format(bayar), mValueFont);
        Paragraph mCashValueParagraph = new
Paragraph(mCashValueChunk);

```

```

doc.add(mCashValueParagraph);

//adds paragraph and line seperator
doc.add(new Paragraph(""));
doc.add(new Chunk(lineSeparator));
doc.add(new Paragraph(""));

// Kembalian
Chunk mChangeChunk = new Chunk("Change:",
mHeadingFont);
Paragraph mChangeParagraph = new
Paragraph(mChangeChunk);
doc.add(mChangeParagraph);

Chunk mChangeValueChunk = new Chunk("Rp. " +
decimalFormat.format(kembali), mValueFont);
Paragraph mChangeValueParagraph = new
Paragraph(mChangeValueChunk);
doc.add(mChangeValueParagraph);

//adds paragraph and line seperator
doc.add(new Paragraph(""));
doc.add(new Chunk(lineSeparator));
doc.add(new Paragraph(""));

doc.close();

FileUtils.openFile(getApplicationContext(), new
File(outPath));

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

```

### 3. Tambahkan di ServerAPI.java

```
public static final String URL_DASHBOARD_JUAL = URL +  
"android/penjualan/view_data.php";
```

### 4. Buat File view\_data.php, dengan code berikut :

```
<?php  
include_once('connection.php');  
class usr{}  
  
$username = $_POST["username"];  
$query = "SELECT * FROM jual where username='$username'  
ORDER BY no_nota DESC limit 1";  
$result = mysqli_query($koneksi,$query);  
$row = mysqli_fetch_array($result);  
while(!empty($row))  
{  
    $response = new usr();  
    $response->no_nota = $row['no_nota'];  
    $response->tanggal = $row['tanggal'];  
    $response->kembalian = $row['kembalian'];  
    $response->pembayaran = $row['pembayaran'];  
    $response->total_biaya = $row['total_biaya'];  
    $response->status = $row['status'];  
    die(json_encode($response));  
}  
mysqli_close($koneksi);  
?>
```

### 5. Cek di Gradle Module : app

```
implementation 'com.android.volley:volley:1.1.1'  
implementation 'com.github.bumptech.glide:glide:4.9.0'  
implementation 'com.itextpdf:itextg:5.5.10'
```

### 6. Tugas anda adalah membuat form upload pembayaran dari aplikasi sebelumnya yang nantinya diterapkan pada proyek akhir.