

**WORKSHOP APLIKASI MOBILE**  
**LAPORAN MINGGU KE- 12**



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**PROGRAM STUDI TEKNIK INFORMATIKA**

**JURUSAN TEKNOLOGI INFORMASI**

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## 1. Storyboard

Dompot dan Riwayat Top Up,

- Pada minggu ini kelompok kami membuat fitur dompet dan juga tampilan Riwayat top up, Fitur dompet berisikan tentang isi dari dompet dan juga Riwayat top up dan juga proses top up

## 2. Source Code

### Activity\_dompot.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".DompotActivity">
8
9      <androidx.constraintlayout.widget.ConstraintLayout
10         android:id="@+id/constraintLayout7"
11         android:layout_width="match_parent"
12         android:layout_height="200dp"
13         android:layout_alignParentTop="true"
14         android:layout_marginTop="0dp"
15         android:background="@drawable/duwuran_e_dompot"
16         app:layout_constraintEnd_toEndOf="parent"
17         app:layout_constraintStart_toStartOf="parent"
18         app:layout_constraintTop_toTopOf="parent">
19
20         <TextView
21             android:id="@+id/textView13"
22             android:layout_width="wrap_content"
23             android:layout_height="wrap_content"
24             android:layout_marginStart="30dp"
25             android:layout_marginTop="30dp"
26             android:text="Saldo Anda Sekarang"
27             android:textColor="#fff"
28             android:textSize="20sp"
29             app:layout_constraintStart_toStartOf="parent"
30             app:layout_constraintTop_toTopOf="parent" />
31
```

```
32 <TextView
33     android:id="@+id/finansial"
34     android:layout_width="wrap_content"
35     android:layout_height="wrap_content"
36     android:layout_marginStart="30dp"
37     android:layout_marginTop="20dp"
38     android:text="Finansial"
39     android:textColor="#fff"
40     android:textSize="25sp"
41     app:layout_constraintStart_toStartOf="parent"
42     app:layout_constraintTop_toBottomOf="@+id/textView13" />
43
44 <Button
45     android:id="@+id/btn_isi"
46     android:layout_width="wrap_content"
47     android:layout_height="wrap_content"
48     android:layout_marginTop="10dp"
49     android:layout_marginEnd="16dp"
50     android:background="@drawable/btn_isi_saldo"
51     android:text="Isi Saldo"
52     app:layout_constraintEnd_toEndOf="parent"
53     app:layout_constraintTop_toBottomOf="@+id/finansial" />
54 </androidx.constraintlayout.widget.ConstraintLayout>
55
```

```

56 <ScrollView
57     android:layout_width="match_parent"
58     android:layout_height="wrap_content"
59     android:layout_below="@+id/constraintLayout7">
60
61     <androidx.constraintlayout.widget.ConstraintLayout
62         android:layout_width="match_parent"
63         android:layout_height="wrap_content">
64
65         <androidx.constraintlayout.widget.ConstraintLayout
66             android:layout_width="match_parent"
67             android:layout_height="wrap_content"
68             app:layout_constraintEnd_toEndOf="parent"
69             app:layout_constraintStart_toStartOf="parent"
70             app:layout_constraintTop_toTopOf="parent">
71
72             <androidx.recyclerview.widget.RecyclerView
73                 android:id="@+id/rv_rivayatTopup"
74                 android:layout_width="match_parent"
75                 android:layout_height="wrap_content"
76                 android:layout_marginTop="8dp"
77                 app:layout_constraintEnd_toEndOf="parent"
78                 app:layout_constraintStart_toStartOf="parent"
79                 app:layout_constraintTop_toTopOf="parent" />
80
81         </androidx.constraintlayout.widget.ConstraintLayout>
82
83     </androidx.constraintlayout.widget.ConstraintLayout>
84 </ScrollView>
85 </RelativeLayout>

```

**Keterangan :** Digunakan untuk mengatur layout dompet dan dan list Riwayat top up

## Activity\_topup.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:background="#dae8e2"
6      android:layout_width="match_parent"
7      android:layout_height="match_parent"
8      android:orientation="vertical"
9      tools:context=".TopupActivity">
10
11      <TextView
12          android:id="@+id/textView21"
13          android:layout_width="wrap_content"
14          android:layout_height="wrap_content"
15          android:layout_marginStart="8dp"
16          android:layout_marginTop="8dp"
17          android:layout_marginEnd="8dp"
18          android:text="Silahkan Pilih Saldo Top Up"
19          android:textColor="#030303"
20          android:textSize="25sp"
21          android:gravity="center"
22          android:textStyle="bold"
23          app:layout_constraintEnd_toEndOf="parent"
24          app:layout_constraintStart_toStartOf="parent"
25          app:layout_constraintTop_toTopOf="parent" />
26
27      <EditText
28          android:id="@+id/uang_e"
29          android:layout_width="200dp"
30          android:layout_height="50dp"
31          app:layout_constraintEnd_toEndOf="parent"
32          app:layout_constraintStart_toStartOf="parent"
33          android:layout_marginTop="80dp"
34          android:background="@drawable/border2"
35          android:hint="Besar Jumlah Top up"
36          android:textColor="#030303"
37          android:textSize="15dp"
38          android:textAlignment="center"
39          android:enabled="false"
40          app:layout_constraintTop_toBottomOf="@+id/rp200" />
41
42      <TextView
43          android:id="@+id/rp50"
44          android:layout_width="100dp"
45          android:layout_height="40dp"
46          android:layout_marginStart="56dp"
47          android:layout_marginTop="100dp"
48          android:textSize="20dp"
49          android:textStyle="bold"
50          android:gravity="center"
51          android:background="@drawable/border"
52          android:text="50.000"
53          android:textAlignment="center"
54          app:layout_constraintStart_toStartOf="parent"
55          app:layout_constraintTop_toBottomOf="@+id/textView21" />
```

```
57 <TextView
58     android:id="@+id/rp100"
59     android:layout_width="100dp"
60     android:layout_height="40dp"
61     android:layout_marginStart="16dp"
62     android:layout_marginTop="100dp"
63     android:background="@drawable/border"
64     android:textStyle="bold"
65     android:gravity="center"
66     android:textSize="20dp"
67     android:text="100.000"
68     android:textAlignment="center"
69     app:layout_constraintEnd_toEndOf="parent"
70     app:layout_constraintStart_toEndOf="@+id/rp50"
71     app:layout_constraintTop_toBottomOf="@+id/textView21" />
72
73 <TextView
74     android:id="@+id/rp150"
75     android:layout_width="100dp"
76     android:layout_height="40dp"
77     android:layout_marginStart="60dp"
78     android:layout_marginTop="48dp"
79     android:textStyle="bold"
80     android:gravity="center"
81     android:background="@drawable/border"
82     android:text="150.000"
83     android:textSize="20dp"
84     android:textAlignment="center"
85     app:layout_constraintStart_toStartOf="parent"
86     app:layout_constraintTop_toBottomOf="@+id/rp50" />
```

```

87     <TextView
88         android:id="@+id/rp200"
89         android:layout_width="100dp"
90         android:layout_height="40dp"
91         android:layout_marginStart="16dp"
92         android:layout_marginTop="50dp"
93         android:textStyle="bold"
94         android:gravity="center"
95         android:background="@drawable/border"
96         android:text="200.000"
97         android:textSize="20dp"
98         android:textAlignment="center"
99         app:layout_constraintEnd_toEndOf="parent"
100        app:layout_constraintStart_toEndOf="@+id/rp150"
101        app:layout_constraintTop_toBottomOf="@+id/rp100" />
102    <Button
103        android:id="@+id/btn_isisaldo"
104        android:layout_width="match_parent"
105        android:layout_height="wrap_content"
106        android:background="@drawable/btn_lanjut"
107        android:gravity="center"
108        android:text="Lanjutkan Top up"
109        android:layout_marginBottom="8dp"
110        android:layout_marginStart="8dp"
111        android:layout_marginEnd="8dp"
112        android:textAlignment="center"
113        app:layout_constraintBottom_toBottomOf="parent"
114        app:layout_constraintEnd_toEndOf="parent"
115        app:layout_constraintStart_toStartOf="parent" />
116 </androidx.constraintlayout.widget.ConstraintLayout>
117

```

**Keterangan :** Digunakan untuk mengatur layout top up untuk memilih saldo top up

## Activity\_upload\_topup.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".UploadFotoActivity"
8      android:background="#dae8e2">
9
10     <ScrollView
11         android:layout_width="match_parent"
12         android:layout_height="match_parent"
13         android:layout_above="@+id/btn_upload">
14
15         <androidx.constraintlayout.widget.ConstraintLayout
16             android:layout_width="match_parent"
17             android:layout_height="match_parent">
18
19             <TextView
20                 android:id="@+id/textView14"
21                 android:layout_width="wrap_content"
22                 android:layout_height="wrap_content"
23                 android:layout_marginStart="8dp"
24                 android:layout_marginTop="8dp"
25                 android:text="Detail Transaksi Top Up"
26                 android:textSize="25sp"
27                 android:textColor="#030303"
28                 app:layout_constraintStart_toStartOf="parent"
29                 app:layout_constraintTop_toTopOf="parent" />
30
31             <TextView
32                 android:id="@+id/textView15"
33                 android:layout_width="wrap_content"
34                 android:layout_height="wrap_content"
35                 android:layout_marginStart="8dp"
36                 android:layout_marginTop="16dp"
37                 android:text="Nama"
38                 android:textColor="#030303"
39                 app:layout_constraintStart_toStartOf="parent"
40                 app:layout_constraintTop_toBottomOf="@+id/textView14" />
41
42             <TextView
43                 android:id="@+id/nama"
44                 android:layout_width="wrap_content"
45                 android:layout_height="wrap_content"
46                 android:layout_marginStart="72dp"
47                 android:layout_marginTop="16dp"
48                 android:textStyle="bold"
49                 android:text="Nama e"
50                 app:layout_constraintStart_toEndOf="@id/textView15"
51                 app:layout_constraintTop_toBottomOf="@+id/textView14" />
52
```



```

53 <TextView
54     android:id="@+id/textView16"
55     android:layout_width="wrap_content"
56     android:layout_height="wrap_content"
57     android:layout_marginStart="8dp"
58     android:layout_marginTop="8dp"
59     android:text="Tanggal"
60     android:textColor="#030303"
61     app:layout_constraintStart_toStartOf="parent"
62     app:layout_constraintTop_toBottomOf="@+id/textView15" />
63
64 <TextView
65     android:id="@+id/tanggal"
66     android:layout_width="wrap_content"
67     android:layout_height="wrap_content"
68     android:layout_marginStart="60dp"
69     android:layout_marginTop="8dp"
70     android:text="Tanggal e"
71     android:textStyle="bold"
72     app:layout_constraintStart_toEndOf="@+id/textView16"
73     app:layout_constraintTop_toBottomOf="@+id/nama" />
74

```

```

75 <TextView
76     android:id="@+id/textView17"
77     android:layout_width="wrap_content"
78     android:layout_height="wrap_content"
79     android:layout_marginStart="8dp"
80     android:layout_marginTop="8dp"
81     android:text="Jumlah Top Up"
82     android:textColor="#030303"
83     app:layout_constraintStart_toStartOf="parent"
84     app:layout_constraintTop_toBottomOf="@+id/textView16" />
85
86 <TextView
87     android:id="@+id/jumlah_topup"
88     android:layout_width="wrap_content"
89     android:layout_height="wrap_content"
90     android:layout_marginStart="16dp"
91     android:layout_marginTop="8dp"
92     android:text="Jumlah e"
93     android:textStyle="bold"
94     app:layout_constraintStart_toEndOf="@+id/textView17"
95     app:layout_constraintTop_toBottomOf="@+id/tanggal" />
96

```

```

97         <ImageView
98             android:id="@+id/img_foto"
99             android:layout_width="100dp"
100             android:layout_height="100dp"
101             android:layout_marginStart="8dp"
102             android:layout_marginTop="30dp"
103             android:src="@drawable/imageno"
104             app:layout_constraintStart_toStartOf="parent"
105             app:layout_constraintTop_toBottomOf="@+id/textView17" />
106
107         <TextView
108             android:id="@+id/textView19"
109             android:layout_width="wrap_content"
110             android:layout_height="wrap_content"
111             android:layout_marginStart="8dp"
112             android:layout_marginTop="30dp"
113             android:text="Upload Bukti Transfer "
114             android:textColor="#030303"
115             app:layout_constraintStart_toEndOf="@+id/img_foto"
116             app:layout_constraintTop_toBottomOf="@+id/jumlah_topup" />
117
118         <Button
119             android:id="@+id/btn_choose"
120             android:layout_width="150dp"
121             android:layout_height="wrap_content"
122             android:layout_marginStart="8dp"
123             android:text="Pilih Foto"
124             app:layout_constraintStart_toEndOf="@+id/img_foto"
125             app:layout_constraintTop_toBottomOf="@+id/textView19"
126             android:layout_marginTop="8dp"/>
127     </androidx.constraintlayout.widget.ConstraintLayout>
128 </ScrollView>
129 <Button
130     android:id="@+id/btn_upload"
131     android:layout_width="match_parent"
132     android:layout_height="wrap_content"
133     android:layout_marginLeft="8dp"
134     android:layout_marginRight="8dp"
135     android:layout_marginBottom="8dp"
136     android:text="Lanjutkan Pembayaran"
137     android:background="@drawable/btn_lanjut"
138     android:layout_marginTop="20dp"
139     android:layout_alignParentBottom="true" />
140 </RelativeLayout>

```

**Keterangan :** Digunakan untuk mengatur layout untuk upload bukti transfer

## VolleyMultipartRequest.java

```
1 package com.example.donasiyatim;
2
3 import ...
4
17
18 public class VolleyMultipartRequest extends Request<NetworkResponse> {
19     private final String twoHyphens = "--";
20     private final String lineEnd = "\r\n";
21     private final String boundary = "apiclient-" + System.currentTimeMillis();
22
23     private Response.Listener<NetworkResponse> mListener;
24     private Response.ErrorListener mErrorListener;
25     private Map<String, String> mHeaders;
26
27     public VolleyMultipartRequest(int method, String url, Response.Listener<NetworkResponse> listener, Response.ErrorListener errorListener) {
28         super(method, url, errorListener);
29         this.mListener = listener;
30         this.mErrorListener = errorListener;
31     }
32
33     @Override
34     public Map<String, String> getHeaders() throws AuthFailureError {
35         return (mHeaders != null) ? mHeaders : super.getHeaders();
36     }
37
38     @Override
39     public String getBodyContentType() {
40         return "multipart/form-data;boundary="+boundary;
41     }
42
43
44     public byte[] getBody() throws AuthFailureError {
45         ByteArrayOutputStream byteArrayOutputStream = new ByteArrayOutputStream();
46         DataOutputStream dataOutputStream = new DataOutputStream(byteArrayOutputStream);
47         try {
48             // populate text payload
49             Map<String, String> params = getParams();
50             if (params != null && params.size() > 0) {
51                 textParse(dataOutputStream, params, getParamsEncoding());
52             }
53
54             // populate data byte payload
55             Map<String, DataPart> data = getByteData();
56             if (data != null && data.size() > 0) {
57                 dataParse(dataOutputStream, data);
58             }
59
60             // close multipart form data after text and file data
61             dataOutputStream.writeBytes( twoHyphens + boundary + twoHyphens + lineEnd);
62
63             return byteArrayOutputStream.toByteArray();
64         } catch (IOException e) {
65             e.printStackTrace();
66         }
67         return null;
68     }
69
70     /**
71      * Custom method handle data payload.
72      *
73      * @return Map data part label with data byte
74      * @throws AuthFailureError
75     */
```

```

75 protected Map<String, DataPart> getByteData() throws AuthFailureError {
76     return null;
77 }
78
79 @Override
80 protected Response<NetworkResponse> parseNetworkResponse(NetworkResponse response) {
81     try {
82         return Response.success(
83             response,
84             HttpHeaderParser.parseCacheHeaders(response));
85     } catch (Exception e) {
86         return Response.error(new ParseError(e));
87     }
88 }
89
90 @Override
91 protected void deliverResponse(NetworkResponse response) {
92     mListener.onResponse(response);
93 }
94
95 @Override
96 public void deliverError(VolleyError error) {
97     mErrorListener.onErrorResponse(error);
98 }
99

```

```

100
101 /**
102  * Parse string map into data output stream by key and value.
103  *
104  * @param dataOutputStream data output stream handle string parsing
105  * @param params            string inputs collection
106  * @param encoding          encode the inputs, default UTF-8
107  * @throws IOException
108  */
109 @ private void textParse(DataOutputStream dataOutputStream, Map<String, String> params, String encoding) throws IOException {
110     try {
111         for (Map.Entry<String, String> entry : params.entrySet()) {
112             buildTextPart(dataOutputStream, entry.getKey(), entry.getValue());
113         }
114     } catch (UnsupportedEncodingException uee) {
115         throw new RuntimeException("Encoding not supported: " + encoding, uee);
116     }
117 }
118
119 /**
120  * Parse data into data output stream.
121  *
122  * @param dataOutputStream data output stream handle file attachment
123  * @param data              loop through data
124  * @throws IOException
125  */

```

```

125 @ private void dataParse(DataOutputStream dataOutputStream, Map<String, DataPart> data) throws IOException {
126     for (Map.Entry<String, DataPart> entry : data.entrySet()) {
127         buildDataPart(dataOutputStream, entry.getValue(), entry.getKey());
128     }
129 }
130
131 /**
132  * Write string data into header and data output stream.
133  *
134  * @param dataOutputStream data output stream handle string parsing
135  * @param parameterName    name of input
136  * @param parameterValue   value of input
137  * @throws IOException
138  */
139 @ private void buildTextPart(DataOutputStream dataOutputStream, String parameterName, String parameterValue) throws IOException {
140     dataOutputStream.writeBytes( $: twoHyphens + boundary + lineEnd);
141     dataOutputStream.writeBytes( $: "Content-Disposition: form-data; name=\"" + parameterName + "\"" + lineEnd);
142     dataOutputStream.writeBytes(lineEnd);
143     dataOutputStream.writeBytes( $: parameterValue + lineEnd);
144 }
145
146 /**
147  * Write data file into header and data output stream.
148  *
149  * @param dataOutputStream data output stream handle data parsing
150  * @param dataFile          data byte as DataPart from collection
151  * @param inputName         name of data input
152  * @throws IOException
153  */

```

```

154 @ private void buildDataPart(DataOutputStream dataOutputStream, DataPart dataFile, String inputName) throws IOException {
155     dataOutputStream.writeBytes( $: twoHyphens + boundary + lineEnd);
156     dataOutputStream.writeBytes( $: "Content-Disposition: form-data; name=\"" +
157         inputName + "\"; filename=\"" + dataFile.getFileName() + "\"" + lineEnd);
158     if (dataFile.getType() != null && !dataFile.getType().trim().isEmpty()) {
159         dataOutputStream.writeBytes( $: "Content-Type: " + dataFile.getType() + lineEnd);
160     }
161     dataOutputStream.writeBytes(lineEnd);
162
163     ByteArrayInputStream fileInputStream = new ByteArrayInputStream(dataFile.getContent());
164     int bytesAvailable = fileInputStream.available();
165
166     int maxBufferSize = 1024 * 1024;
167     int bufferSize = Math.min(bytesAvailable, maxBufferSize);
168     byte[] buffer = new byte[bufferSize];
169
170     int bytesRead = fileInputStream.read(buffer, 0, bufferSize);
171
172     while (bytesRead > 0) {
173         dataOutputStream.write(buffer, 0, bufferSize);
174         bytesAvailable = fileInputStream.available();
175         bufferSize = Math.min(bytesAvailable, maxBufferSize);
176         bytesRead = fileInputStream.read(buffer, 0, bufferSize);
177     }
178
179     dataOutputStream.writeBytes(lineEnd);
180 }
181

```

```

182     public class DataPart {
183         private String fileName;
184         private byte[] content;
185         private String type;
186
187         @ public DataPart() {
188             }
189
190         @ public DataPart(String name, byte[] data) {
191             fileName = name;
192             content = data;
193         }
194
195         String getFileName() { return fileName; }
196
197
198         byte[] getContent() { return content; }
199
200
201         String getType() { return type; }
202
203     }
204 }
205

```

**Keterangan :** Digunakan untuk mengatur multipart dari foto yang akan di upload

## DompetAddress.java

```

1     package com.example.donasiyatim;
2
3     import ...
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31     public class DompetAddress extends AppCompatActivity {
32
33         TextView saldo;
34         List<ModelDataRiwayatTopup> modelDataRiwayatTopup;
35         ListAdapterRiwayatTopup listAdapterRiwayatTopup;
36         RecyclerView rv_riwayat;
37         Button isi_saldo;
38         String id_user, id_regis, nama;
39         @Override
40         protected void onCreate(Bundle savedInstanceState) {
41             super.onCreate(savedInstanceState);
42             setContentView(R.layout.activity_dompetAddress);
43
44             saldo = findViewById(R.id.finansial);
45             rv_riwayat = findViewById(R.id.rv_riwayatTopup);
46             isi_saldo = findViewById(R.id.btn_isi);
47             id_regis = getIntent().getStringExtra("id_regis");
48
49             loadDetail();
50             retrieveJSONRiwayatTopup();
51

```

```

51
52     isi_saldo.setOnClickListner(new View.OnClickListener() {
53         @Override
54         public void onClick(View view) {
55             Intent intent = new Intent( packageContext: DompetActivity.this, TopupActivity.class);
56             intent.putExtra( name: "id_user",id_user);
57             intent.putExtra( name: "id_regis",id_regis);
58             intent.putExtra( name: "nama_user",nama);
59             startActivity(intent);
60         }
61     });
62
63 }

```

```

64 private void loaddetail()//ini buat nampilin saldo
65 {
66     StringRequest senddata = new StringRequest(Request.Method.GET, url: ServerApi.IPServer + "data_user/index_get?id_registrasi="+id_regis,
67         new Response.Listener<String>() {
68         @Override
69         public void onResponse(String response) {
70             JSONObject res = null;
71             try {
72                 res = new JSONObject(response);
73                 Log.e( tag: "responnya ", msg: ""+response);
74                 JSONArray arr = res.getJSONArray( name: "data");
75                 JSONObject arr1 = arr.getJSONObject( index: 0);
76                 saldo.setText(Util.setformatrupiah(arr1.getString( name: "finansial")));
77                 id_user = arr1.getString( name: "id_user");
78                 nama = arr1.getString( name: "nama_user");
79             } catch (JSONException e) {
80                 e.printStackTrace();
81                 Log.e( tag: "errornya ", msg: ""+e);
82             }
83         }
84     },
85     new Response.ErrorListener() {
86         @Override
87         public void onErrorResponse(VolleyError error) {
88             Log.d( tag: "volley", msg: "errornya : " + error.getMessage());
89         }
90     }) {
91
92     };
93
94 }

```

```

93     RequestQueue requestQueue = Volley.newRequestQueue( context: this);
94     requestQueue.add(senddata);
95 }
96
97 private void retrieveJSONRiwayatTopup()
98 {
99     StringRequest stringRequest = new StringRequest(Request.Method.GET, url: ServerApi.IPServer + "Riwayat_topup/index_get?id_user="+getIdUser(),
100         (responseRiwayat) -> {
101             Log.d( tag: "stringRequest", msg: ">>" + responseRiwayat);
102             try {
103                 JSONObject obj = new JSONObject(responseRiwayat);
104
105                 modelDataRiwayatTopup = new ArrayList<>();
106                 JSONArray data = obj.getJSONArray( name: "data");
107                 for (int i = 0; i < data.length(); i++)
108                 {
109                     ModelDataRiwayatTopup playerModel = new ModelDataRiwayatTopup();
110                     JSONObject dataobj = data.getJSONObject(i);
111                     playerModel.setJumlah_pang(""+ Util.setformatrupiah(dataobj.getString( name: "jumlah_inginkan")));
112                     playerModel.setTanggal_topup(Util.settanggal(dataobj.getString( name: "tanggal")));
113
114                     modelDataRiwayatTopup.add(playerModel);
115                 }
116                 setupListRiwayatTopup();
117             }
118             catch (JSONException e)
119             {
120                 e.printStackTrace();
121             }
122         }
123     },
124     new Response.ErrorListener() {
125         @Override
126         public void onErrorResponse(VolleyError error) {
127             Log.d( tag: "volley", msg: "errornya : " + error.getMessage());
128         }
129     }) {
130
131     };
132
133 }

```

```

127 (error) - {
131     Log.d( tag: "volley", msg: "errornya : " + error.getMessage());
132 };
134
135 RequestQueue requestQueue = Volley.newRequestQueue( context: this);
136 requestQueue.add(stringRequest);
137 }
138
139 private void setupListRiwayatTopup()
140 {
141     listAdapterRiwayatTopup = new ListAdapterRiwayatTopup( context: this, modelDataRiwayatTopup);
142     RecyclerView.LayoutManager layoutManager = new LinearLayoutManager( context: this);
143     rv_riwayat.setLayoutManager(layoutManager);
144     rv_riwayat.setAdapter(listAdapterRiwayatTopup);
145 }
146
147 }
148

```

**Keterangan :** Digunakan untuk get data finansial user dari api dan memunculkan Riwayat top up dari user dan get data dari api , di tambahkan ke recycler view

### ListAdapterRiwayatTopup.java

```

1 package com.example.donasiyatim;
2
3 import ...
4
19
20 public class ListAdapterRiwayatTopup extends RecyclerView.Adapter<ListAdapterRiwayatTopup.HolderDataRiwayatTopup> {
21     private List<ModelDataRiwayatTopup> mItems;
22     private Context context;
23
24     public ListAdapterRiwayatTopup(Context context, List<ModelDataRiwayatTopup> modelDataRiwayatTopup)
25     {
26         this.context = context;
27         this.mItems = modelDataRiwayatTopup;
28     }
29
30     @NonNull
31     @Override
32     public HolderDataRiwayatTopup onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
33         View layout = LayoutInflater.from(parent.getContext()).inflate(R.layout.list_item_topup, parent, attachToRoot: false);
34         ListAdapterRiwayatTopup.HolderDataRiwayatTopup holderDataRiwayatTopup = new ListAdapterRiwayatTopup.HolderDataRiwayatTopup(layout);
35         return holderDataRiwayatTopup;
36     }
37
38     @Override
39     public void onBindViewHolder(@NonNull final HolderDataRiwayatTopup holder, int position) {
40         ModelDataRiwayatTopup me = mItems.get(position);
41         holder.uang.setText(me.getJumlah_uang());
42         holder.tanggal.setText(me.getTanggal_topup());
43     }
44 }

```



```

37     @Override
38     public void onBindViewHolder(@NonNull final HolderDataRiwayatTopup holder, int position) {
39         ModelDataRiwayatTopup me = mItems.get(position);
40         holder.uang.setText(me.getJumlah_uang());
41         holder.tanggal.setText(me.getTanggal_topup());
42     }
43
44     @Override
45     public int getItemCount() { return mItems.size(); }
46
47     public class HolderDataRiwayatTopup extends RecyclerView.ViewHolder {
48         TextView uang, tanggal;
49         public HolderDataRiwayatTopup(@NonNull View itemView) {
50             super(itemView);
51             uang = itemView.findViewById(R.id.tv_uang);
52             tanggal = itemView.findViewById(R.id.tv_tanggal);
53         }
54     }
55 }

```

**Keterangan :** Digunakan untuk mengatur recycler view Riwayat top up

### ModelDataRiwayatTopup.java

```

1  package com.example.donasiyatim;
2
3  public class ModelDataRiwayatTopup {
4      private String jumlah_uang;
5      private String tanggal_topup;
6
7      public String getTanggal_topup() {
8          return tanggal_topup;
9      }
10
11     public void setTanggal_topup(String tanggal_topup) {
12         this.tanggal_topup = tanggal_topup;
13     }
14
15     public String getJumlah_uang() {
16         return jumlah_uang;
17     }
18
19     public void setJumlah_uang(String jumlah_uang) {
20         this.jumlah_uang = jumlah_uang;
21     }
22 }
23

```

**Keterangan :** Digunakan untuk mengatur getter dan setter dari Riwayat top up

## TopupActivity.java

```
1      package com.example.donasiyatim;
2
3      import ...
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31      public class TopupActivity extends AppCompatActivity {
32          TextView rp50, rp100, rp150, rp200;
33          EditText isi;
34          Button btn;
35          String id_user, nama;
36
37          @Override
38          protected void onCreate(Bundle savedInstanceState) {
39              super.onCreate(savedInstanceState);
40              setContentView(R.layout.activity_topup);
41
42              id_user = getIntent().getStringExtra( name: "id_user");
43              nama = getIntent().getStringExtra( name: "nama_user");
44
45              rp50 = findViewById(R.id.rp50);
46              rp100 = findViewById(R.id.rp100);
47              rp150 = findViewById(R.id.rp150);
48              rp200 = findViewById(R.id.rp200);
49              isi = findViewById(R.id.uang_e);
50              btn = findViewById(R.id.btn_isisaldo);
51
52
53              rp50.setOnClickListener(new View.OnClickListener() {
54                  @Override
55                  public void onClick(View view) {
56                      isi.setText("50000");
57                  }
58              });
59
60              rp100.setOnClickListener(new View.OnClickListener() {
61                  @Override
62                  public void onClick(View view) {
63                      isi.setText("100000");
64                  }
65              });
66              rp150.setOnClickListener(new View.OnClickListener() {
67                  @Override
68                  public void onClick(View view) {
69                      isi.setText("150000");
70                  }
71              });
72              rp200.setOnClickListener(new View.OnClickListener() {
73                  @Override
74                  public void onClick(View view) {
75                      isi.setText("200000");
76                  }
77              });
78          }
79      }
```

```

78         btn.setOnClickListener(new View.OnClickListener() {
79             @Override
80             public void onClick(View view) {
81
82                 if (isi.getText().toString().equals(""))
83                 {
84                     Toast.makeText(context, TopupActivity.this, text: "Silahkan Pilih Jumlah Top Up", Toast.LENGTH_SHORT).show();
85                 }
86                 else {
87                     // loadDetail();
88                     Intent intent = new Intent(context, TopupActivity.this, UploadFotoActivity.class);
89                     intent.putExtra(name: "jumlah_inginkan", isi.getText().toString());
90                     Log.e(tag: "uang", msg: "" + intent.putExtra(name: "jumlah_inginkan", isi.getText().toString()));
91                     intent.putExtra(name: "id_user", id_user);
92                     intent.putExtra(name: "nama_user", nama);
93                     startActivity(intent);
94                 }
95             }
96         });
97     }
98 }
99
100

```

**Keterangan :** Digunakan untuk mengatur textview Ketika di click di layout pilih jumlah top up dan intent ke activity selanjutnya

## UploadFotoActivity.java

```

1     package com.example.donasiyatim;
2
3     import ...
4
5
62
63     public class UploadFotoActivity extends AppCompatActivity {
64         ImageView img_foto;
65         Button pilih, upload;
66         TextView nama, jumlah, tanggal;
67         public static final int REQUEST_CODE_CAMERA = 001;
68         public static final int REQUEST_CODE_GALLERY = 002;
69         String id_user, jumlah_inginkan, nama_user;
70         Bitmap bitmap;
71
72         @Override
73         protected void onCreate(Bundle savedInstanceState) {
74             super.onCreate(savedInstanceState);
75             setContentView(R.layout.activity_upload_foto);
76             requestMultiplePermissions();
77
78             img_foto = findViewById(R.id.img_foto);
79             pilih = findViewById(R.id.btn_choose);
80             upload = findViewById(R.id.btn_upload);
81             nama = findViewById(R.id.nama);
82             jumlah = findViewById(R.id.jumlah_topup);
83             tanggal = findViewById(R.id.tanggal);
84
85             nama_user = getIntent().getStringExtra(name: "nama_user");

```

```

86
87 SimpleDateFormat sdf = new SimpleDateFormat( pattern: "dd.MM.YYYY 'at' HH:mm:ss");
88 String currentDateandTime = sdf.format(new Date());
89
90
91 tanggal.setText(currentDateandTime);
92
93
94 id_user = getIntent().getStringExtra( name: "id_user");
95 jumlah_inginkan = getIntent().getStringExtra( name: "jumlah_inginkan");
96
97
98 Log.e( tag: "saldo", msg: ""+id_user);
99 Log.e( tag: "saldo", msg: ""+nama_user);
100 Log.e( tag: "saldo", msg: ""+jumlah_inginkan);
101
102
103 pilih.setOnClickListener(new View.OnClickListener() {
104     @Override
105     public void onClick(View view) {
106         setRequestImage();
107     }
108 });
109
110 upload.setOnClickListener(new View.OnClickListener() {
111     @Override
112     public void onClick(View view) {
113         loaddetail();
114     }
115 });
116

```

```

117 jumlah.setText(Util.setformatrupiah(jumlah_inginkan));
118 nama.setText(nama_user);
119 }
120
121 private void setRequestImage(){
122     CharSequence[] item = {"Kamera", "Galeri"};
123     AlertDialog.Builder request = new AlertDialog.Builder( context: this)
124         .setTitle("Add Image")
125         .setItems(item, (dialogInterface, i) -> {
126             switch (i){
127                 case 0:
128                     //Membuka Kamera Untuk Mengambil Gambar
129                     EasyImage.openCamera( activity: UploadFotoActivity.this, REQUEST_CODE_CAMERA);
130                     break;
131                 case 1:
132                     //Membuka Galeri Untuk Mengambil Gambar
133                     EasyImage.openGallery( activity: UploadFotoActivity.this, REQUEST_CODE_GALLERY);
134                     break;
135             }
136         })
137     };
138 request.create();
139 request.show();
140 }
141
142
143
144

```

```

145 @Override
146 public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {
147     if (requestCode == REQUEST_CODE_GALLERY)
148     {
149         if (grantResults.length > 0 && grantResults[0] == PackageManager.PERMISSION_GRANTED)
150         {
151             Intent intent = new Intent(Intent.ACTION_PICK);
152             intent.setType("image/*");
153             startActivityForResult(Intent.createChooser(intent, title: "select image"), REQUEST_CODE_GALLERY);
154         }
155         else
156         {
157             Toast.makeText(getApplicationContext(), (text: "you don't have permission", Toast.LENGTH_LONG).show();
158         }
159         return;
160     }
161
162     super.onRequestPermissionsResult(requestCode, permissions, grantResults);
163 }
164

```

```

165  @Override
166  protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
167
168      super.onActivityResult(requestCode, resultCode, data);
169      EasyImage.handleActivityResult(requestCode, resultCode, data, activity, this, new EasyImage.Callbacks() {
170
171          @Override
172          public void onImagePickerError(Exception e, EasyImage.ImageSource source, int type) {
173              //Method Ini Digunakan Untuk Menghandle Error pada Image
174          }
175
176          @Override
177          public void onImagePicked(File imageFile, EasyImage.ImageSource source, int type) {
178              //Method Ini Digunakan Untuk Menghandle Image
179              switch (type) {
180                  case REQUEST_CODE_CAMERA:
181                      Glide.with( activity, UploadFotoActivity.this) RequestManager
182                          .load(imageFile) DrawableTypeRequest<File>
183                          .centerCrop() DrawableRequestBuilder<File>
184                          .diskCacheStrategy(DiskCacheStrategy.ALL) DrawableRequestBuilder<File>
185                          .into(img_foto);
186                      bitmap = BitmapFactory.decodeFile(imageFile.getPath());
187                      Log.e( tag: "asd", msg: ""+bitmap);
188                      break;

```

```

190                  case REQUEST_CODE_GALLERY:
191                      Glide.with( activity, UploadFotoActivity.this) RequestManager
192                          .load(imageFile) DrawableTypeRequest<File>
193                          .centerCrop() DrawableRequestBuilder<File>
194                          .diskCacheStrategy(DiskCacheStrategy.ALL) DrawableRequestBuilder<File>
195                          .into(img_foto);
196                      bitmap = BitmapFactory.decodeFile(imageFile.getPath());
197                      break;
198              }
199          }
200
201          @Override
202          public void onCancel(EasyImage.ImageSource source, int type) {
203              //Batalan penanganan, Anda mungkin ingin menghapus foto yang diambil jika dibatalkan
204          }
205      });
206  }
207

```

```

210  private void loaddetail()//ini buat nampilin saldo
211  {
212      final VolleyMultipartRequest volleyMultipartRequest = new VolleyMultipartRequest(Request.Method.POST, url: ServerApi.IPServer + "top
213      @Override
214      public void onResponse(NetworkResponse response) {
215          Log.e( tag: "asd", msg: ""+response);
216          try {
217              Log.e( tag: "asd", msg: ""+response);
218              Toast.makeText( context, UploadFotoActivity.this, text: "Upload Bukti Berhasil ", Toast.LENGTH_SHORT).show();
219              Intent intent = new Intent( packageContext, UploadFotoActivity.this, MainActivity.class);
220              startActivity(intent);
221          } catch (Exception e) {
222              Toast.makeText( context, UploadFotoActivity.this, text: "Upload Bukti Gagal ", Toast.LENGTH_SHORT).show();
223              e.printStackTrace();
224          }
225      }
226  },
227      new Response.ErrorListener() {
228          @Override
229          public void onErrorResponse(VolleyError error) {
230              Log.d( tag: "volley", msg: "errornya : " + error.getMessage());
231          }
232      }) {
233      protected Map<String, String> getParams() throws AuthFailureError {
234          Map<String, String> params = new HashMap<>();
235          params.put( k: "id_user" , id_user);
236          params.put( k: "jumlah_inginkan" , jumlah_inginkan);
237          return params;
238      }
239  }
240

```

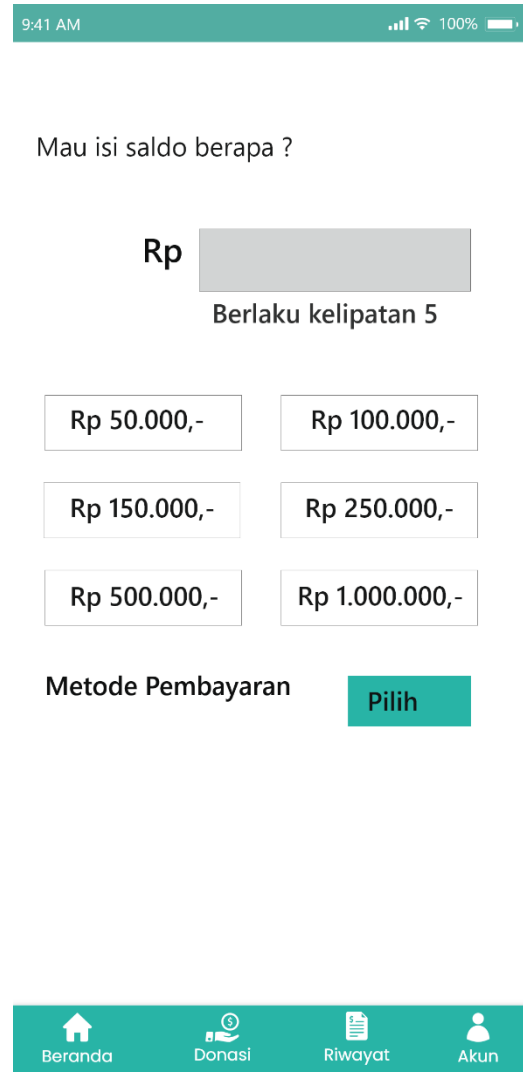
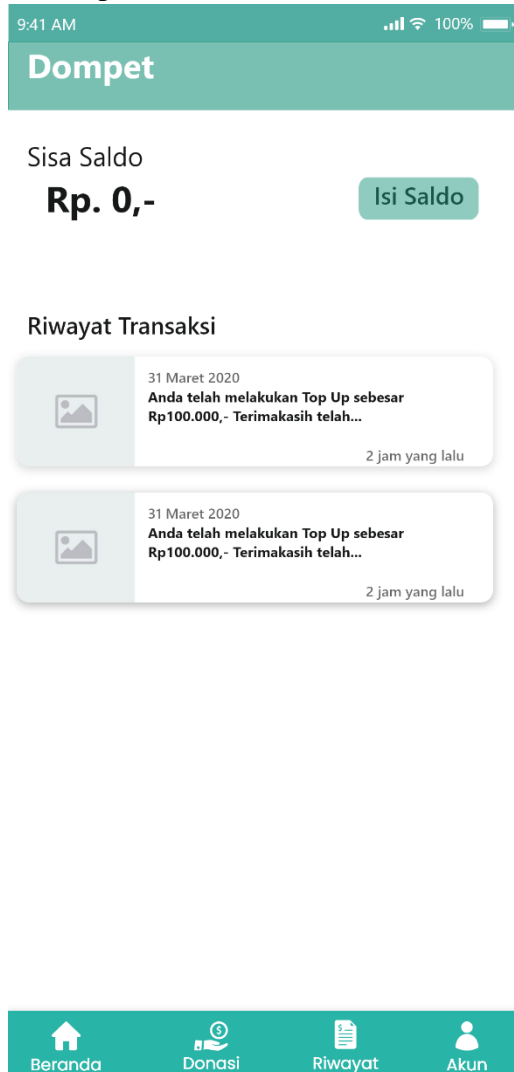
```

241         @Override
242         protected Map<String, DataPart> getByteData() throws AuthFailureError {
243             Map<String, DataPart> params = new HashMap<>();
244             long imagename = System.currentTimeMillis();
245             params.put(k: "foto", new DataPart( name: imagename + ".png", getFileDataFromDrawable(bitmap)));
246             Log.e( tag: "asd", msg: ""+imagename);
247             return params;
248         }
249     };
250     Volley.newRequestQueue( context: this).add(volleyMultipartRequest);
251 }
252
253 private void requestMultiplePermissions() {
254     Dexter.withActivity(this)
255         .withPermissions(
256             Manifest.permission.CAMERA,
257             Manifest.permission.WRITE_EXTERNAL_STORAGE,
258             Manifest.permission.READ_EXTERNAL_STORAGE)
259         .withListener(new MultiplePermissionsListener() {
260             @Override
261             public void onPermissionsChecked(MultiplePermissionsReport report) {
262                 // check if all permissions are granted
263                 if (report.areAllPermissionsGranted()) {
264                     Toast.makeText(getApplicationContext(), "All permissions are granted by user!", Toast.LENGTH_SHORT).show()
265                 }
266
267                 // check for permanent denial of any permission
268                 if (report.isAnyPermissionPermanentlyDenied()) {
269                     // show alert dialog navigating to Settings
270                     //openSettingsDialog();
271                 }
272             }
273         })
274         .@Override
275         public void onPermissionRationaleShouldBeShown(List<PermissionRequest> permissions, PermissionToken token) {
276             token.continuePermissionRequest();
277         }
278     }).
279     withErrorListener((error) -> {
280         Toast.makeText(getApplicationContext(), text: "Some Error! ", Toast.LENGTH_SHORT).show();
281     })
282     .onSameThread()
283     .check();
284
285     public byte[] getFileDataFromDrawable(Bitmap bitmap) {
286         ByteArrayOutputStream byteArrayOutputStream = new ByteArrayOutputStream();
287         bitmap.compress(Bitmap.CompressFormat.PNG, quality: 80, byteArrayOutputStream);
288         return byteArrayOutputStream.toByteArray();
289     }
290 }

```

**Keterangan :** Digunakan untuk mengirim data ke database dan memilih foto dan juga upload foto

### 3. Mockup



#### 4. Hasil Run

