

Aplikasi Mobile

“Praktikum\_1”



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2024

# Laundry App

## 1. Login Activity

Activity ini digunakan saat pengguna ingin mengakses aplikasi, sehingga mengharuskan pengguna untuk melakukan aktifitas login terlebih dahulu.

- Java

```
1 package humayrafahreri.laundryapps;
2
3 import android.os.Bundle;
4
5 import androidx.activity.EdgeToEdge;
6 import androidx.appcompat.app.AppCompatActivity;
7 import androidx.core.graphics.Insets;
8 import androidx.core.view.ViewCompat;
9 import androidx.core.view.WindowInsetsCompat;
10
11 public class LoginActivity extends AppCompatActivity {
12
13     @Override
14     protected void onCreate(Bundle savedInstanceState) {
15         super.onCreate(savedInstanceState);
16         EdgeToEdge.enable(this);
17         setContentView(R.layout.activity_login);
18         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {
19             Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());
20             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);
21             return insets;
22         });
23     }
24 }
```

- XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:id="@+id/main"
    android:background="@color/secondaryColor"
    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="16dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintStart_toEndOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.497">

        <ImageView
            android:id="@+id/cover"
            android:layout_width="260dp"
            android:layout_height="245dp"
            android:layout_gravity="center"
            app:srcCompat="@drawable/logo" />

        <ImageView
            android:id="@+id/font_cover"
            android:layout_width="130dp"
            android:layout_height="40dp"
            app:srcCompat="@drawable/cuciin"
            android:layout_gravity="center"/>
    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:padding="20dp"
    android:layout_margin="12dp"
    android:orientation="vertical">

    <EditText
        android:id="@+id/username"
        android:layout_width="280dp"
        android:layout_height="wrap_content"
        android:drawableStart="@drawable/ic_username"
        android:drawablePadding="12dp"
        android:ems="10"
        android:hint="Username"
        android:layout_gravity="center"
        android:padding="16dp" />
```

```
<EditText
    android:id="@+id/password"
    android:layout_width="280dp"
    android:layout_height="wrap_content"
    android:drawableStart="@drawable/ic_password"
    android:drawablePadding="12dp"
    android:ems="10"
    android:hint="Password"
    android:layout_gravity="center"
    android:padding="16dp" />
```

```
<Button
    android:id="@+id/login_button"
    android:layout_width="249dp"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:text="LOGIN"
    android:textSize="13sp"
    android:layout_marginBottom="12dp"
    android:layout_marginTop="12dp" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

- Tampilan



## 2. Main Activity

Activity ini muncul setelah pengguna melakukan login dan akan diarahkan menuju dashboard/ halaman utama yang terdapat 4 macam fitur yang bisa digunakan.

- Java

```
• package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class MainActivity extends AppCompatActivity {

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

```

        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)
        , (v, insets) -> {
            Insets systemBars =
            insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
            systemBars.right, systemBars.bottom);
            return insets;
        });
    }
}

```

- XML

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:id="@+id/main"
    android:background="@color/secondaryColor"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <FrameLayout
        android:id="@+id/frameLayout"
        android:layout_width="match_parent"
        android:layout_height="150dp"
        android:background="@color/primaryColor"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <androidx.constraintlayout.widget.ConstraintLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <TextView
                android:id="@+id/dashboard"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginStart="16dp"
                android:layout_marginTop="44dp"
                android:text="DASHBOARD"
                android:textColor="@color/white"
                android:textSize="25sp"
                android:textStyle="bold"
                app:layout_constraintStart_toStartOf="parent"
                app:layout_constraintTop_toTopOf="parent" />

            <TextView
                android:id="@+id/welcome"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"

```

```

        android:layout_marginStart="16dp"
        android:layout_marginTop="4dp"
        android:text="Welcome to Cuciin Apps"
        android:textColor="@color/white"
        android:textSize="15sp"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/dashboard" />
</androidx.constraintlayout.widget.ConstraintLayout>
</FrameLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_marginTop="150dp"
    android:orientation="vertical"
    android:padding="@dimen/lg"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0"
    tools:layout_editor_absoluteX="0dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:weightSum="2"
        android:orientation="horizontal">

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="@dimen/md"
            android:layout_weight="1"
            app:cardCornerRadius="@dimen/lg">

            <LinearLayout
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_gravity="center"
                android:orientation="vertical"
                android:padding="@dimen/lg">
                <ImageView
                    android:layout_width="64dp"
                    android:layout_height="64dp"
                    android:src="@drawable/laundry_2" />
                <TextView
                    android:textStyle="bold"
                    android:layout_width="wrap_content"
                    android:layout_marginTop="@dimen/sm"
                    android:layout_height="match_parent"
                    android:layout_gravity="center"
                    android:text="Laundry"
                    android:textSize="15sp" />
            </LinearLayout>
        </androidx.cardview.widget.CardView>

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"
        android:layout_margin="@dimen/md"
        android:layout_weight="1"
        app:cardCornerRadius="@dimen/lg">

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:orientation="vertical"
    android:padding="@dimen/lg">

    <ImageView
        android:layout_width="64dp"
        android:layout_height="64dp"
        android:src="@drawable/washing_machine" />

    <TextView
        android:textStyle="bold"
        android:layout_marginTop="@dimen/sm"
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:layout_gravity="center"
        android:text="Layanan"
        android:textSize="15sp" />
</LinearLayout>
</androidx.cardview.widget.CardView>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:weightSum="2"
    android:orientation="horizontal">
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/md"
    android:layout_weight="1"
    app:cardCornerRadius="@dimen/lg">
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:orientation="vertical"
    android:padding="@dimen/lg">
    <ImageView
        android:layout_width="64dp"
        android:layout_height="64dp"
        android:src="@drawable/youth" />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginTop="@dimen/sm"
        android:text="Pelanggan"
        android:textSize="15sp"
        android:textStyle="bold" />

```

```

</LinearLayout>
</androidx.cardview.widget.CardView>

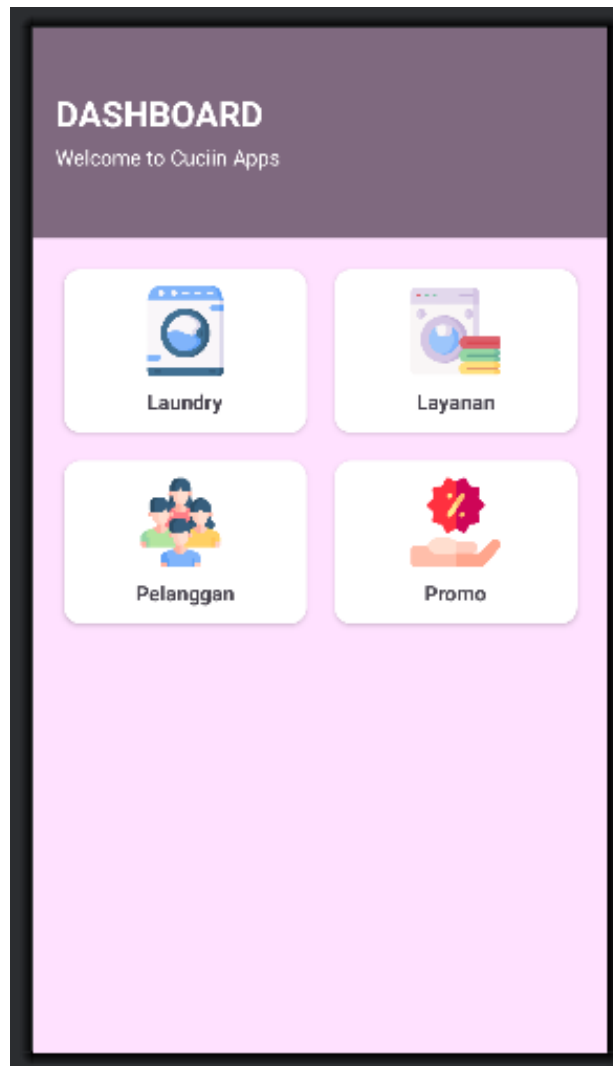
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/md"
    android:layout_weight="1"
    app:cardCornerRadius="@dimen/lg">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:orientation="vertical"
        android:padding="@dimen/lg">
        <ImageView
            android:layout_width="64dp"
            android:layout_height="64dp"
            android:src="@drawable/diskonn" />
        <TextView
            android:textStyle="bold"
            android:layout_marginTop="@dimen/sm"
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:text="Promo"
            android:textSize="15sp" />
        </LinearLayout>
    </androidx.cardview.widget.CardView>
</LinearLayout>
</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

- Tampilan





### 3. Laundry Activity

Activity digunakan untuk menampilkan Riwayat transaksi dari pelanggan.

- Java

```
• package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class LaundryActivity extends AppCompatActivity {

    @Override
```

```

        protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);
            EdgeToEdge.enable(this);
            setContentView(R.layout.activity_main);

            ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)
            , (v, insets) -> {
                Insets systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars());
                v.setPadding(systemBars.left, systemBars.top,
systemBars.right, systemBars.bottom);
                return insets;
            });
        }
    }
}

```

- XML

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:id="@+id/main"
    android:background="@color/secondaryColor"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".LaundryActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="@dimen/xlg"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.497">

        <TextView
            android:id="@+id/transaksi"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="@color/primaryColor"
            android:padding="@dimen/lg"
            android:text="TRANSAKSI"
            android:textColor="#FFFFFF"
            android:textStyle="bold"
            android:textSize="16sp"/>

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="@dimen/lg"
            android:orientation="vertical"
            android:padding="@dimen/xs"
            >

```

```

<TextView
    android:id="@+id/paid1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="13sp"
    android:background="#49ab49"
    android:textColor="#ffffff"
    android:padding="@dimen/xs"
    android:text="PAID - Rp.20.000" />

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:id="@+id/trx1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:padding="@dimen/xs"
        android:text="TRX - 000001"
        android:textColor="@color/primaryColor"
        android:textSize="18sp"
        android:layout_alignParentStart="true"/>
    <TextView
        android:id="@+id/date1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="end"
        android:text="Senin, 10-09-2024"
        android:textColor="@color/black"
        android:textSize="18sp"
        android:padding="@dimen/xs"
        android:layout_alignParentEnd="true"/>
</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:id="@+id/pelanggan1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Fulan"
        android:padding="@dimen/xs"
        android:textColor="@color/black"
        android:textSize="18sp"
        android:layout_alignParentStart="true"/>

    <TextView
        android:id="@+id/status1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="PROSES"
        android:textColor="#c73f75"
        android:textSize="18sp"
        android:padding="@dimen/xs"
        android:layout_alignParentEnd="true"/>

```

```

        </RelativeLayout>
    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="@dimen/lg"
        android:orientation="vertical"
        android:padding="@dimen/xs">

        <TextView
            android:id="@+id/unpaid1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="#d72715"
            android:padding="@dimen/xs"
            android:text="UNPAID - Rp.10.00"
            android:textColor="#ffffff"
            android:textSize="13sp" />

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">
            <TextView
                android:id="@+id/trx2"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_alignParentStart="true"
                android:padding="@dimen/xs"
                android:text="TRX - 000001"
                android:textColor="@color/primaryColor"
                android:textSize="18sp" />
            <TextView
                android:id="@+id/date2"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_alignParentEnd="true"
                android:layout_gravity="end"
                android:padding="@dimen/xs"
                android:text="Senin, 10-09-2024"
                android:textColor="@color/black"
                android:textSize="18sp" />
        </RelativeLayout>

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

            <TextView
                android:id="@+id/pelanggan2"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_alignParentStart="true"
                android:padding="@dimen/xs"
                android:text="unknown"
                android:textColor="@color/black"
                android:textSize="18sp" />
        </RelativeLayout>
    </LinearLayout>

```

```

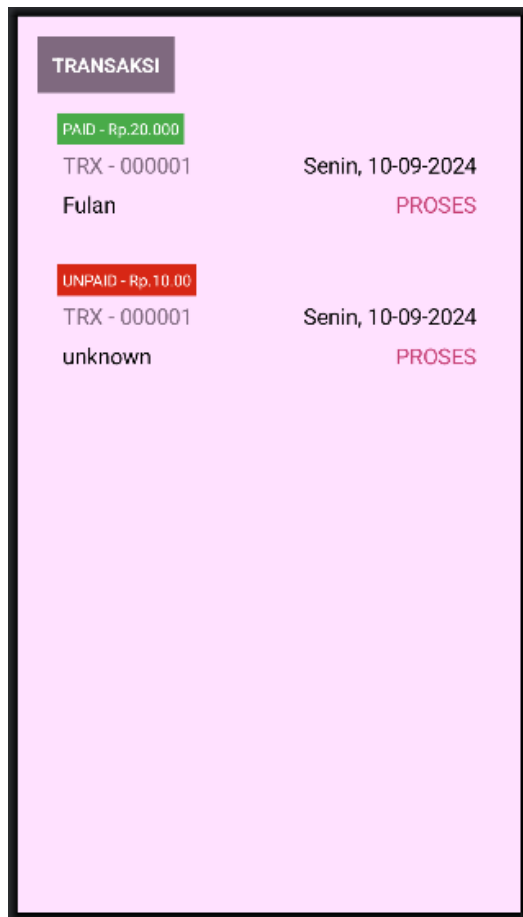
        <TextView
            android:id="@+id/status2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentEnd="true"
            android:padding="@dimen/xs"
            android:text="PROSES"
            android:textColor="#c73f75"
            android:textSize="18sp" />
    </RelativeLayout>
</LinearLayout>

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

- Tampilan



#### 4. Detail Laundry Activity

Activity ini ditujukan untuk memperlihatkan detail Riwayat transaksi.

- Java

```
• package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class DetailLaundryActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main))
        , (v, insets) -> {
            Insets systemBars =
            insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
            systemBars.right, systemBars.bottom);
            return insets;
        });
    }
}
```

- XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:id="@+id/main"
    android:background="@color/secondaryColor"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".DetailLaundryActivity">

    <LinearLayout
        android:layout_width="413dp"
        android:layout_height="729dp"
        android:orientation="vertical"
        android:padding="@dimen/lg"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/xs"
    android:orientation="vertical"
    android:padding="@dimen/xs">

    <TextView
        android:id="@+id/user1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:paddingStart="4dp"
        android:text="FULAN"
        android:textColor="#000"
        android:textSize="16sp"
        android:textStyle="bold" />

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

        <TextView
            android:id="@+id/trx_1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:padding="@dimen/xs"
            android:text="TRX - 000001"
            android:textColor="@color/primaryColor"
            android:textSize="12sp" />

        <TextView
            android:id="@+id/date_1"
            android:layout_width="152dp"
            android:layout_height="37dp"
            android:layout_alignParentEnd="true"
            android:layout_gravity="end"
            android:layout_marginStart="126dp"
            android:layout_marginEnd="3dp"
            android:layout_toEndOf="@+id/trx_1"
            android:padding="@dimen/xs"
            android:text="Senin, 09 September 2024"
            android:textColor="@color/black"
            android:textSize="12sp" />
    </RelativeLayout>

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="#d72715"
        android:paddingStart="@dimen/xs"
        android:paddingEnd="@dimen/xs"
        android:text="Rp. 30.000 - UNPAID - PROSES"
        android:textColor="#fff"
        android:textSize="12sp" />
```

```

</LinearLayout>

<RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/xs"
    android:padding="@dimen/xs">

    <TextView
        android:id="@+id/cucisetrika"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="16dp"
        android:layout_marginTop="20dp"
        android:padding="4dp"
        android:text="CUCI SETRIKA"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/harga1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/cucisetrika"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Rp. 6000/Kg"
        android:textSize="12sp" />

    <androidx.cardview.widget.CardView
        android:layout_width="40dp"
        android:layout_height="40dp"
        android:layout_alignParentEnd="true"
        android:layout_centerVertical="true"
        android:layout_marginEnd="16dp"
        app:cardBackgroundColor="#FFFFFF"
        app:cardCornerRadius="5dp"
        app:cardElevation="2dp">

        <EditText
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:gravity="center"
            android:inputType="number"
            android:text="0"
            android:textColor="#9d9d9d"
            android:textSize="16sp"
            android:textStyle="bold" />
    </androidx.cardview.widget.CardView>
</RelativeLayout>

<RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/xs"
    android:padding="@dimen/xs">

```



```

<TextView
    android:id="@+id/setrika"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:padding="4dp"
    android:text="SETRIKA"
    android:textColor="@color/primaryColor"
    android:textSize="16sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/harga2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/setrika"
    android:layout_marginStart="16dp"
    android:padding="@dimen/xs"
    android:text="Rp.4000/Kg"
    android:textSize="13sp" />

<androidx.cardview.widget.CardView
    android:layout_width="40dp"
    android:layout_height="40dp"
    android:layout_alignParentEnd="true"
    android:layout_centerVertical="true"
    android:layout_marginEnd="16dp"
    app:cardBackgroundColor="#FFFFFF"
    app:cardCornerRadius="5dp"
    app:cardElevation="2dp">

    <EditText
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:gravity="center"
        android:inputType="number"
        android:text="0"
        android:textColor="#9d9d9d"
        android:textSize="16sp"
        android:textStyle="bold" />
    </androidx.cardview.widget.CardView>
</RelativeLayout>

<RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/xs"
    android:padding="@dimen/xs">

    <TextView
        android:id="@+id/cuci"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="CUCI"

```

```

        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

<TextView
    android:id="@+id/harga3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/cuci"
    android:layout_marginStart="16dp"
    android:padding="@dimen/xs"
    android:text="Rp.4000/Kg"
    android:textSize="14sp" />

<androidx.cardview.widget.CardView
    android:layout_width="40dp"
    android:layout_height="40dp"
    android:layout_alignParentEnd="true"
    android:layout_centerVertical="true"
    android:layout_marginEnd="16dp"
    app:cardBackgroundColor="#FFFFFF"
    app:cardCornerRadius="5dp"
    app:cardElevation="2dp">

    <EditText
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:gravity="center"
        android:inputType="number"
        android:text="0"
        android:textColor="#9d9d9d"
        android:textSize="16sp"
        android:textStyle="bold" />
    </androidx.cardview.widget.CardView>
</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="126dp"
    android:layout_margin="@dimen/xs"
    android:padding="@dimen/xs">

    <TextView
        android:id="@+id/pembayaran"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="@dimen/sm"
        android:text="PEMBAYARAN"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/pembayaran">

```

```

<TextView
    android:id="@+id/bayar"
    android:layout_width="157dp"
    android:layout_height="wrap_content"
    android:padding="@dimen/xs"
    android:paddingStart="@dimen/xs"
    android:text="Bayar"
    android:textSize="14sp" />

<TextView
    android:id="@+id/kembalian"
    android:layout_width="157dp"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:padding="@dimen/xs"
    android:text="Kembalian"
    android:textSize="14sp" />

<androidx.cardview.widget.CardView
    android:layout_width="155dp"
    android:layout_height="33dp"
    android:layout_below="@id/bayar"
    android:layout_marginStart="3dp"
    android:layout_marginTop="8dp"
    android:layout_marginEnd="3dp"
    android:layout_marginBottom="8dp"
    app:cardBackgroundColor="#FFFFFF"
    app:cardCornerRadius="10dp"
    app:cardElevation="5dp">

    <TextView
        android:layout_width="155dp"
        android:layout_height="match_parent"
        android:gravity="center"
        android:inputType="number"
        android:text="0"
        android:textColor="#9d9d9d"
        android:textSize="16sp"
        android:textStyle="bold" />
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="155dp"
    android:layout_height="33dp"
    android:layout_below="@id/bayar"
    android:layout_alignParentEnd="true"
    android:layout_marginStart="3dp"
    android:layout_marginTop="8dp"
    android:layout_marginEnd="5dp"
    android:layout_marginBottom="8dp"
    app:cardBackgroundColor="#FFFFFF"
    app:cardCornerRadius="10dp"
    app:cardElevation="5dp">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"

```

```

        android:gravity="center"
        android:inputType="number"
        android:text="0"
        android:textColor="#9d9d9d"
        android:textSize="16sp"
        android:textStyle="bold" />
    </androidx.cardview.widget.CardView>

</RelativeLayout>

</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/xs"
    android:orientation="vertical"
    android:padding="@dimen/xs">

    <TextView
        android:id="@+id/status3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:padding="@dimen/xs"
        android:text="STATUS"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <RadioButton
        android:id="@+id/radioButton_proses"
        android:layout_width="92dp"
        android:layout_height="40dp"
        android:layout_marginTop="30dp"
        android:text="PROSES"
        android:textSize="12sp" />

    <RadioButton
        android:id="@+id/radioButton_selesai"
        android:layout_width="92dp"
        android:layout_height="40dp"
        android:layout_below="@id/radioButton_proses"
        android:text="SELESAI"
        android:textSize="12sp" />

</RelativeLayout>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:paddingTop="@dimen/xlg">
    <Button
        android:id="@+id/button_simpan"
        android:layout_width="187dp"
        android:layout_height="wrap_content"
        android:text="SIMPAN"

```

```

        android:background="@color/buttonColor_1" />

        <Button
            android:id="@+id/button_batal"
            android:layout_width="187dp"
            android:layout_height="wrap_content"
            android:text="BATAL"
            android:layout_alignParentEnd="true"
            android:background="@color/buttonColor_2"/>
    </RelativeLayout>

</LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>

```

- Tampilan

FULAN

TRX - 000001

Senin, 09 September 2024

Rp. 30.000 - UNPAID - PROSES

CUCI SETRIKA

Rp.6000/Kg

0

SETRIKA

Rp.4000/Kg

0

CUCI

Rp.4000/Kg

0

PEMBAYARAN

Bayar

0

Kembalian

0

STATUS

☐ PROSES

☐ SELESAI

SIMPAN

BATAL

## 5. Add Laundry Activity

Activity ini untuk menambahkan transaksi yang akan dilakukan oleh petugas laundry.

- Java

```
• package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class AddLaundryActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main))
        , (v, insets) -> {
            Insets systemBars =
            insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
            systemBars.right, systemBars.bottom);
            return insets;
        });
    }
}
```

- XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:id="@+id/main"
android:background="@color/secondaryColor"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".AddLaundryActivity">

    <LinearLayout
        android:id="@+id/linearLayout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="@dimen/sm"
        android:orientation="vertical"
        android:padding="@dimen/lg">
```

```

tools:layout_editor_absoluteX="10dp"
tools:layout_editor_absoluteY="14dp">

<TextView
    android:id="@+id/pelanggan"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:drawableStart="@drawable/ic_username"
    android:drawablePadding="@dimen/xs"
    android:padding="@dimen/lg"
    android:text="Pelanggan" />

<RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/lg"
    android:padding="@dimen/lg"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="86dp">

    <TextView
        android:id="@+id/cucisetrika2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:layout_marginTop="@dimen/xs"
        android:padding="4dp"
        android:text="CUCI SETRIKA"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/harga1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/cucisetrika2"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Rp. 6000/Kg"
        android:textSize="12sp" />

    <androidx.cardview.widget.CardView
        android:layout_width="40dp"
        android:layout_height="40dp"
        android:layout_alignParentEnd="true"
        android:layout_centerVertical="true"
        android:layout_marginEnd="16dp"
        app:cardBackgroundColor="#FFFFFF"
        app:cardCornerRadius="5dp"
        app:cardElevation="2dp">

        <EditText
            android:layout_width="match_parent"

```

```

        android:layout_height="match_parent"
        android:gravity="center"
        android:inputType="number"
        android:text="0"
        android:textColor="#9d9d9d"
        android:textSize="16sp"
        android:textStyle="bold" />
    </androidx.cardview.widget.CardView>
</RelativeLayout>

<RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/lg"
    android:padding="@dimen/lg"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="185dp">

    <TextView
        android:id="@+id/setrika"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="SETRIKA"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/harga2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/setrika"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Rp. 4000/Kg"
        android:textSize="13sp" />

    <androidx.cardview.widget.CardView
        android:layout_width="40dp"
        android:layout_height="40dp"
        android:layout_alignParentEnd="true"
        android:layout_centerVertical="true"
        android:layout_marginEnd="16dp"
        app:cardBackgroundColor="#FFFFFF"
        app:cardCornerRadius="5dp"
        app:cardElevation="2dp">

        <EditText
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:gravity="center"
            android:inputType="number"
            android:text="0"

```



```

        android:textColor="#9d9d9d"
        android:textSize="16sp"
        android:textStyle="bold" />
    </androidx.cardview.widget.CardView>
</RelativeLayout>

<RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/lg"
    android:padding="@dimen/lg"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="281dp">

    <TextView
        android:id="@+id/cuci"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="CUCI"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/harga3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/cuci"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Rp.4000/Kg"
        android:textSize="14sp" />

    <androidx.cardview.widget.CardView
        android:layout_width="40dp"
        android:layout_height="40dp"
        android:layout_alignParentEnd="true"
        android:layout_centerVertical="true"
        android:layout_marginEnd="16dp"
        app:cardBackgroundColor="#FFFFFF"
        app:cardCornerRadius="5dp"
        app:cardElevation="2dp">

        <EditText
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:gravity="center"
            android:inputType="number"
            android:text="0"
            android:textColor="#9d9d9d"
            android:textSize="16sp"
            android:textStyle="bold" />
    </androidx.cardview.widget.CardView>

```

```

</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="75dp"
    android:layout_margin="@dimen/xs"
    android:padding="@dimen/xs">

    <TextView
        android:id="@+id/total"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_marginEnd="2dp"
        android:gravity="end"
        android:text="Total"
        android:textColor="@color/black" />

    <TextView
        android:id="@+id/harga"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Rp. 30.000"
        android:layout_alignParentEnd="true"
        android:layout_below="@id/total"
        android:layout_alignEnd="@id/total"
        android:gravity="end"
        android:paddingTop="25dp"/>

</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:padding="@dimen/lg"
    android:paddingTop="@dimen/xlg"
    android:layout_marginTop="20dp"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="457dp">

    <Button
        android:id="@+id/button"
        android:layout_width="149dp"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:background="@color/buttonColor_1"
        android:text="SIMPAN" />

    <Button
        android:id="@+id/button3"
        android:layout_width="149dp"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:background="@color/buttonColor_2"
        android:text="BATAL" />

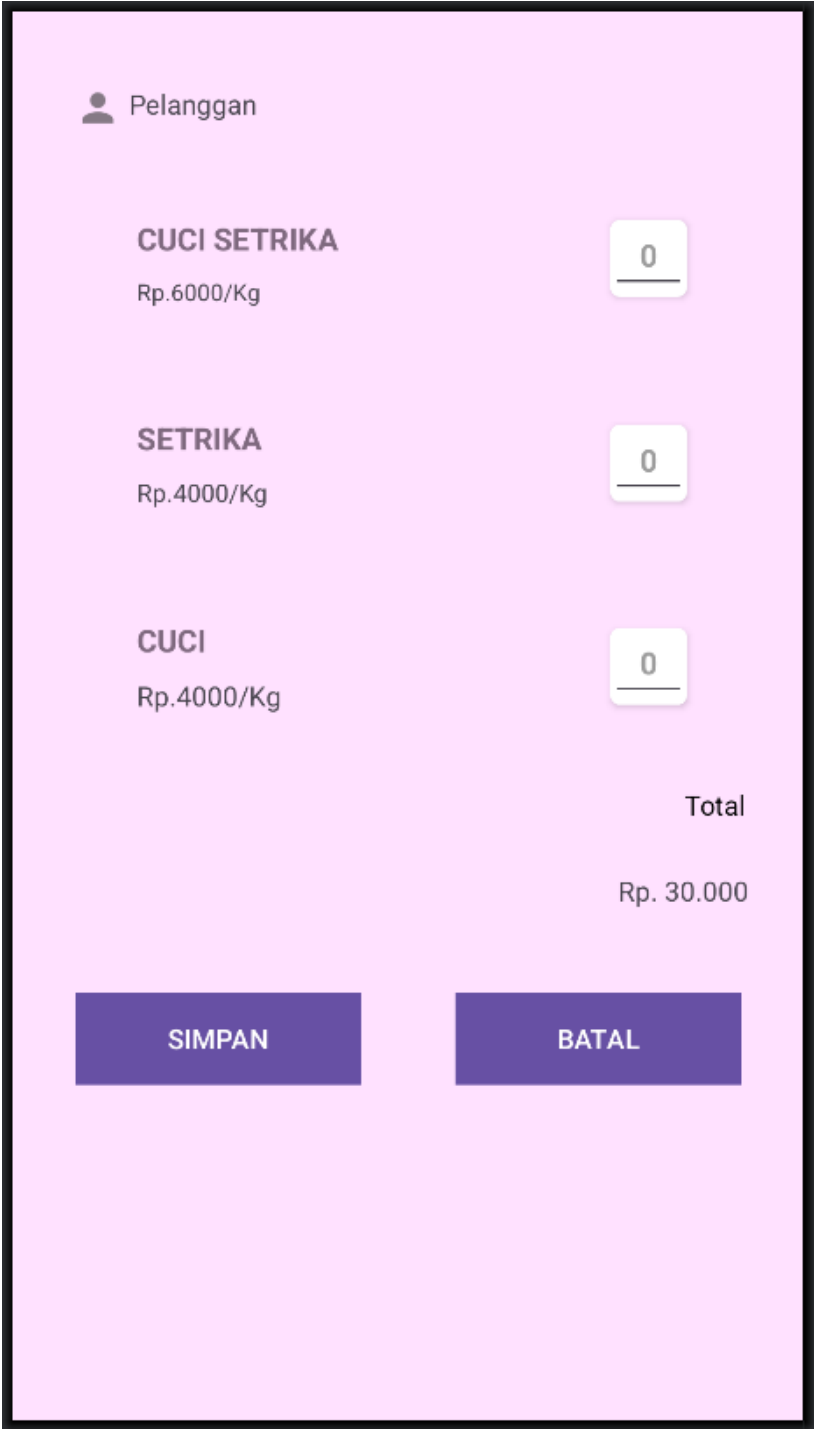
</RelativeLayout>

```

```
</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>
```

- Tampilan



## 6. Layanan Activity

Activity ini akan menampilkan layanan yang tersedia serta rincian harga dan juga terdapat juga fitur tambah layanan.

- Java

```
• package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class LayananActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)
        , (v, insets) -> {
            Insets systemBars =
            insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
            systemBars.right, systemBars.bottom);
            return insets;

        });
    }
}
```

- XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:id="@+id/main"
android:background="@color/secondaryColor"
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="@dimen/lg">
```

```
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.497">
```

```
<TextView
```

```
    android:id="@+id/tambah_layanan"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@color/primaryColor"
    android:padding="@dimen/sm"
    android:text="TAMBAH LAYANAN"
    android:textColor="#FFFFFF"
    android:textStyle="bold"
    android:textSize="16sp"/>
```

```
<RelativeLayout
```

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/sm"
    android:padding="@dimen/sm"
    android:paddingTop="@dimen/xlg"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="86dp">
```

```
<TextView
```

```
    android:id="@+id/cucisetrika2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_marginStart="16dp"
    android:layout_marginTop="@dimen/xs"
    android:padding="4dp"
    android:text="CUCI SETRIKA"
    android:textColor="@color/primaryColor"
    android:textSize="16sp"
    android:textStyle="bold" />
```

```
<TextView
```

```
    android:id="@+id/harga1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/cucisetrika2"
    android:layout_alignParentStart="true"
    android:layout_marginStart="16dp"
    android:padding="@dimen/xs"
    android:text="Rp.6000/Kg"
    android:textSize="12sp" />
```

```
</RelativeLayout>
```

```
<RelativeLayout
```

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/sm"
    android:padding="@dimen/sm"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="185dp">
```

```
<TextView
```

```

        android:id="@+id/setrika"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="SETRIKA"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

<TextView
    android:id="@+id/harga2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/setrika"
    android:layout_alignParentStart="true"
    android:layout_marginStart="16dp"
    android:padding="@dimen/xs"
    android:text="Rp.4000/Kg"
    android:textSize="13sp" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/sm"
    android:padding="@dimen/sm"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="281dp">

    <TextView
        android:id="@+id/cuci"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="CUCI"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

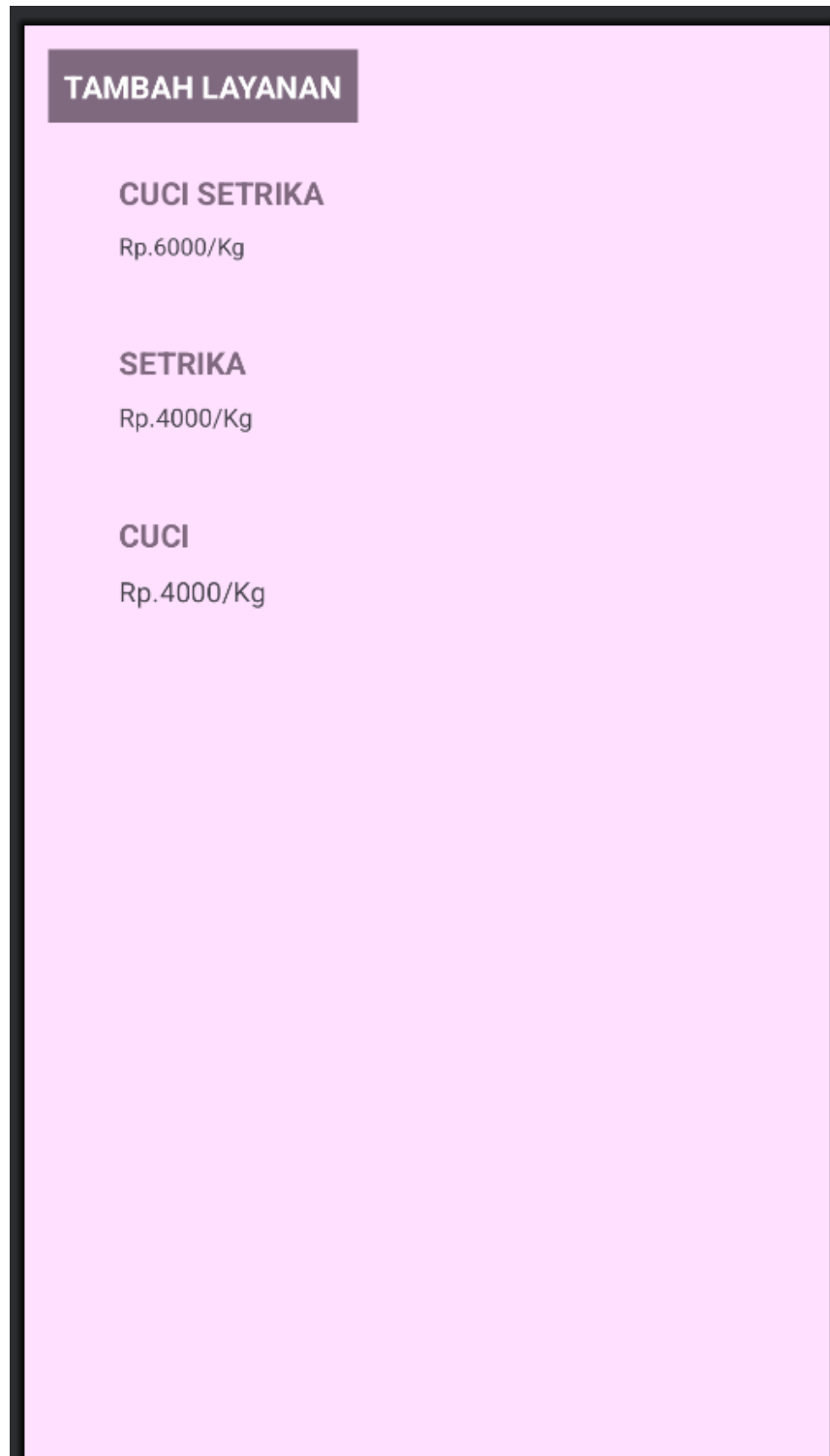
    <TextView
        android:id="@+id/harga3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/cuci"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Rp.4000/Kg"
        android:textSize="14sp" />
</RelativeLayout>

</LinearLayout>

```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

- Tampilan



## 7. Pelanggan Activity

Activity digunakan untuk menampilkan menambahkan, mengubah dan menghapus data pelanggan oleh petugas laundry.

- Java

```
• package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class PelangganActivity extends AppCompatActivity {

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

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main))
        , (v, insets) -> {
            Insets systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
systemBars.right, systemBars.bottom);
            return insets;
        });
    }
}
```

- XML

```
• <?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:id="@+id/main"
android:background="@color/secondaryColor"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".PelangganActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
```



```

        android:orientation="vertical"
        android:padding="@dimen/lg"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.497">

        <TextView
            android:id="@+id/tambah_pelanggan"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="@color/primaryColor"
            android:padding="@dimen/sm"
            android:text="TAMBAH PELANGGAN"
            android:textColor="#FFFFFF"
            android:textStyle="bold"
            android:textSize="@dimen/xlg"/>

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="@dimen/sm"
            android:padding="@dimen/sm"
            android:paddingTop="@dimen/xlg"
            tools:layout_editor_absoluteX="0dp"
            tools:layout_editor_absoluteY="86dp">

            <TextView
                android:id="@+id/customer1"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_alignParentStart="true"
                android:layout_marginStart="16dp"
                android:layout_marginTop="@dimen/xs"
                android:padding="4dp"
                android:text="FULAN"
                android:textColor="@color/primaryColor"
                android:textSize="16sp"
                android:textStyle="bold" />

            <TextView
                android:id="@+id/nohp1"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_below="@id/customer1"
                android:layout_alignParentStart="true"
                android:layout_marginStart="16dp"
                android:padding="@dimen/xs"
                android:text="089123456784"
                android:textSize="12sp" />

        </RelativeLayout>

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="@dimen/sm"
            android:padding="@dimen/sm"
            tools:layout_editor_absoluteX="0dp"
            tools:layout_editor_absoluteY="185dp">

```

```

<TextView
    android:id="@+id/customer2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_marginStart="16dp"
    android:padding="4dp"
    android:text="FULANAH"
    android:textColor="@color/primaryColor"
    android:textSize="16sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/nohp2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/customer2"
    android:layout_alignParentStart="true"
    android:layout_marginStart="16dp"
    android:padding="@dimen/xs"
    android:text="082724250904"
    android:textSize="13sp" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/sm"
    android:padding="@dimen/sm"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="281dp">

    <TextView
        android:id="@+id/customer3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="DIA"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/nohp3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/customer3"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="082506200424"
        android:textSize="14sp" />
</RelativeLayout>

```

```
</LinearLayout>
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

- Tampilan



## 8. Promo Activity

Activity ini digunakan untuk menampilkan, menambahkan, mengubah dan menghapus data promo.

- Java

```
package humayrafahreri.laundryapps;

import android.os.Bundle;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class PromoActivity extends AppCompatActivity {

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

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)
        , (v, insets) -> {
            Insets systemBars =
            insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
            systemBars.right, systemBars.bottom);
            return insets;
        });
    }
}
```

- XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:id="@+id/main"
    android:background="@color/secondaryColor"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".PromoActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="@dimen/lg">
```

```

app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.497">

<TextView
    android:id="@+id/tambah_promo"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@color/primaryColor"
    android:padding="@dimen/sm"
    android:text="TAMBAH PROMO"
    android:textColor="#FFFFFF"
    android:textStyle="bold"
    android:textSize="16sp"/>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/sm"
    android:padding="@dimen/sm"
    android:paddingTop="@dimen/xlg"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="86dp">

    <TextView
        android:id="@+id/promo1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:layout_marginTop="@dimen/xs"
        android:padding="4dp"
        android:text="XYZ123"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/ket1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/promo1"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Promo Menarik Cuci Minimal 10 Kg
Gratis Cuci 1 Kg berlaku untuk kelipatannya"
        android:textSize="12sp" />

    <Button
        android:id="@+id/active1"
        android:layout_width="104dp"
        android:layout_height="37dp"
        android:layout_below="@+id/ket1"
        android:layout_gravity="center"
        android:layout_marginTop="5dp"
        android:text="ACTIVE"
        android:textSize="9sp"

```

```

        android:layout_marginStart="16dp"/>

</RelativeLayout>

<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="@dimen/sm"
    android:padding="@dimen/sm"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="185dp">

    <TextView
        android:id="@+id/promo2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="4dp"
        android:text="XYZ123"
        android:textColor="@color/primaryColor"
        android:textSize="16sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/ket2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/promo2"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"
        android:padding="@dimen/xs"
        android:text="Promo Menarik Cuci Minimal 10 Kg
Gratis Cuci 1 Kg berlaku untuk kelipatannya"
        android:textSize="13sp" />

    <Button
        android:id="@+id/active2"
        android:layout_width="104dp"
        android:layout_height="37dp"
        android:layout_below="@id/ket2"
        android:layout_gravity="center"
        android:layout_marginTop="5dp"
        android:text="ACTIVE"
        android:textSize="9sp"
        android:layout_marginStart="16dp"/>

</RelativeLayout>

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

- Tampilan

