Praktikum 2 – Style and Theme
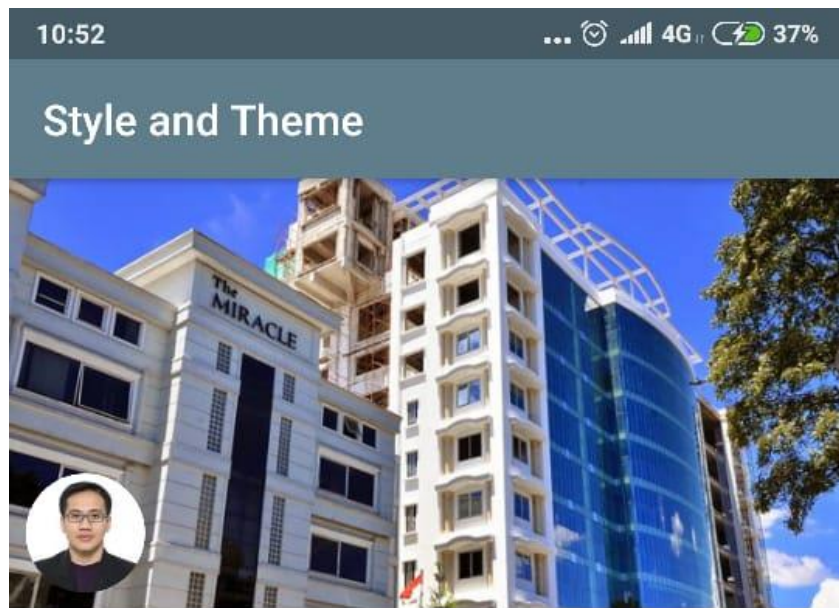

Style and Theme

Asep Solihin

Judul Skripsi

Pengembangan Sistem Informasi Akademik Berbasis Android Pada Universitas Komputer Indonesia

Data Mahasiswa

NIM   10507234

Kelas   IS-6

Prodi   Sistem Informasi

Dosen Pembimbing

Budi Raharjo

UBAH DATA

build.gradle (Module: app)

```
//tambahkan pada bagian dependencies (implementation/compile)
implementation 'de.hdodenhof:circleimageview:2.1.0'
```

strings.xml

```xml
<resources>
    <string name="app_name">Style and Theme</string>
    <string name="content_text">Pengembangan Sistem Informasi Akademik Berbasis
Android Pada Universitas Komputer Indonesia</string>
    <string name="asep_solihin">Asep Solihin</string>
    <string name="judul_skripsi">Judul Skripsi</string>
    <string name="data_mahasiswa">Data Mahasiswa</string>
    <string name="nim">NIM</string>
    <string name="kelas">Kelas</string>
    <string name="prodi">Prodi</string>
    <string name="dosen_pembimbing">Dosen Pembimbing</string>
    <string name="budi_raharjo">Budi Raharjo</string>
    <string name="ubah_data">Ubah Data</string>
</resources>
```

colors.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#607D8B</color>
    <color name="colorPrimaryDark">#455A64</color>
    <color name="colorAccent">#FF5722</color>
    <color name="colorSubTitle">#757575</color>
</resources>
```

styles.xml

```xml
<resources>

    <!-- Base application theme. -->
    <style name="AppTheme" parent="Base.Theme.AppCompat.Light.DarkActionBar">
        <!-- Customize your theme here. -->
        <item name="colorPrimary">@color/colorPrimary</item>
        <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
        <item name="colorAccent">@color/colorAccent</item>
    </style>

    <style name="TextContent" parent="@style/TextAppearance.AppCompat">
        <item name="android:layout_width">wrap_content</item>
        <item name="android:layout_height">wrap_content</item>
        <item
name="android:layout_marginLeft">@dimen/activity_horizontal_margin</item>
        <item
name="android:layout_marginRight">@dimen/activity_horizontal_margin</item>
    </style>    <style name="TextContent.Subtitle">
        <item name="android:textColor">@color/colorSubTitle</item>
        <item name="android:textSize">12sp</item>
    </style>
    <style name="TextContent.Black">
        <item name="android:textColor">@android:color/black</item>
    </style>
    <style name="TextSpec">
        <item name="android:textSize">14sp</item>
    </style>
    <style name="TextSpec.Field">
        <item name="android:layout_width">wrap_content</item>
        <item name="android:layout_height">wrap_content</item>
        <item name="android:layout_marginRight">16dp</item>
        <item name="android:textColor">@color/colorSubTitle</item>
    </style>
```

```xml
    <style name="TextSpec.Value">
        <item name="android:layout_width">match_parent</item>
        <item name="android:layout_height">wrap_content</item>
        <item name="android:layout_weight">1</item>
        <item name="android:textColor">@android:color/black</item>
    </style>

    <style name="ButtonGeneral" parent="@style/Widget.AppCompat.Button.Colored">
        <item name="android:layout_width">match_parent</item>
        <item name="android:layout_height">wrap_content</item>
        <item
name="android:layout_marginRight">@dimen/activity_horizontal_margin</item>
        <item
name="android:layout_marginLeft">@dimen/activity_horizontal_margin</item>
        <item
name="android:layout_marginBottom">@dimen/activity_vertical_margin</item>
    </style>

</resources>
```

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/activity_main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@android:color/white"
    tools:context="com.example.nizar.styleandtheme.MainActivity">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
        <FrameLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">
            <ImageView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:adjustViewBounds="true"
                android:src="@drawable/gedungunikom"
                android:scaleType="fitXY"/>
            <de.hdodenhof.circleimageview.CircleImageView
                android:layout_width="56dp"
                android:layout_height="56dp"
                android:src="@drawable/photo"
                android:layout_margin="8dp"
                android:layout_gravity="bottom" />
        </FrameLayout>
        <TextView
            style="@style/TextContent.Black"
            android:textSize="32sp"
            android:text="@string/asep_solihin"
            android:layout_marginTop="@dimen/activity_vertical_margin"
            android:layout_marginBottom="8dp"/>
        <TextView
            style="@style/TextContent.Subtitle"
            android:text="@string/judul_skripsi"
            android:layout_marginBottom="@dimen/activity_vertical_margin"/>
        <TextView
            style="@style/TextContent"
            android:text="@string/content_text"
            android:layout_marginBottom="@dimen/activity_vertical_margin"
            android:lineSpacingMultiplier="1"
            android:textColor="@android:color/black"/>
        <TextView
            style="@style/TextContent.Subtitle"
```

```xml
        android:text="@string/data_mahasiswa"
        android:layout_marginBottom="8dp"/>
    <TableLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="@dimen/activity_horizontal_margin"
        android:layout_marginRight="@dimen/activity_horizontal_margin"
        android:layout_marginBottom="@dimen/activity_vertical_margin">
        <TableRow
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginBottom="8dp">
            <TextView
                style="@style/TextSpec.Field"
                android:text="@string/nim"/>
            <TextView
                style="@style/TextSpec.Value"
                android:text="10507234"/>
        </TableRow>
        <TableRow
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginBottom="8dp">
            <TextView
                style="@style/TextSpec.Field"
                android:text="@string/kelas"/>
            <TextView
                style="@style/TextSpec.Value"
                android:text="IS-6"/>
        </TableRow>
        <TableRow
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginBottom="8dp">
            <TextView
                style="@style/TextSpec.Field"
                android:text="@string/prodi"/>
            <TextView
                style="@style/TextSpec.Value"
                android:text="Sistem Informasi"/>
        </TableRow>
    </TableLayout>
    <TextView
        style="@style/TextContent.Subtitle"
        android:text="@string/dosen_pembimbing"
        android:layout_marginBottom="8dp"/>
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="@dimen/activity_horizontal_margin"
        android:layout_marginRight="@dimen/activity_horizontal_margin"
        android:layout_marginBottom="@dimen/activity_vertical_margin">
        <de.hdodenhof.circleimageview.CircleImageView
            android:layout_width="56dp"
            android:layout_height="56dp"
            android:src="@drawable/dosen"
            android:layout_centerVertical="true"
            android:id="@+id/profile_image"
            android:layout_marginRight="@dimen/activity_horizontal_margin"/>

        <TextView
            style="@style/TextContent"
            android:layout_toRightOf="@id/profile_image"
            android:text="@string/budi_raharjo"
            android:layout_centerVertical="true"/>
    </RelativeLayout>
    <Button
        style="@style/ButtonGeneral"
```

```xml
            android:onClick="showToast"
            android:text="@string/ubah_data"/>
    </LinearLayout>
</ScrollView>
```

MainActivity.java

```java
package com.example.nizar.viewandlayout;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

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

    public void showToast(View view) {
        Toast toast = Toast.makeText(this, "Fasilitas ini belum tersedia.",
Toast.LENGTH_LONG);
        toast.show();
    }
}
```