2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT

Practical: 3

AIM- Create following UI by using ConstraintLayout

Submitted By: AMIT GOSWAMI
Enrollment number: 21012021003

Ganpat University | **U.V. Patel College of Engineering**

॥ विद्या समाजोत्कर्षः ॥

Department of Computer Engineering/Information Technology

Activity_main.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:layout_width="match_parent"

   android:layout_height="match_parent"

   tools:context=".MainActivity">

   <ImageView

      android:id="@+id/imageView"

      android:layout_width="match_parent"

      android:layout_height="200dp"

      app:layout_constraintStart_toStartOf="parent"

      app:layout_constraintTop_toTopOf="parent"

      app:srcCompat="@drawable/guni_pink_logo" />

   <com.google.android.material.card.MaterialCardView

      android:id="@+id/materialCardView"

      android:layout_width="match_parent"

      android:layout_height="wrap_content"

      android:layout_marginHorizontal="20dp"

      app:layout_constraintStart_toStartOf="parent"

```
app:layout_constraintTop_toBottomOf="@id/imageView"

app:cardElevation="20dp"

>


<androidx.constraintlayout.widget.ConstraintLayout

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:padding="20dp">



    <TextView

        android:id="@+id/textView"

        android:layout_width="86dp"

        android:layout_height="28dp"

        android:layout_marginStart="15dp"

        android:layout_marginTop="20dp"

        android:text="EmaiI Id"

        android:textSize="20dp"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent" />


    <EditText

        android:id="@+id/editTextTextEmailAddress"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="20dp"
```

```
    android:layout_marginTop="20dp"

    android:ems="10"

    android:inputType="textEmailAddress"

    app:layout_constraintBottom_toBottomOf="@+id/textView"

    app:layout_constraintStart_toEndOf="@+id/textView"

    app:layout_constraintTop_toTopOf="parent" />


<TextView

    android:id="@+id/textView2Password"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="10dp"

    android:layout_marginTop="60dp"

    android:text="Password"

    android:textSize="20dp"


    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toBottomOf="@+id/textView" />


<EditText

    android:id="@+id/editTextTextPassword"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="24dp"

    android:layout_marginTop="40dp"

    android:ems="10"
```

android:inputType="textPassword"

app:layout_constraintStart_toEndOf="@+id/textView2Password"

app:layout_constraintTop_toBottomOf="@+id/editTextTextEmailAddress" />

<Button

android:id="@+id/button2"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:text="Login"

app:layout_constraintBottom_toBottomOf="parent"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintHorizontal_bias="0.565"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/textView4" />

<TextView

android:id="@+id/textView4"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="10dp"

android:layout_marginTop="40dp"

android:paddingBottom="50dp"

android:text="Forgot Password ?"

app:layout_constraintStart_toStartOf="parent"

```
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPassword" />



    </androidx.constraintlayout.widget.ConstraintLayout>




</com.google.android.material.card.MaterialCardView>


<TextView

    android:id="@+id/textView5"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="20dp"

    android:layout_marginTop="30dp"

    android:paddingBottom="10dp"

    android:text=" Don't have an Account"

    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toBottomOf="@+id/materialCardView" />


<Button

    android:id="@+id/button3"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginTop="20dp"

    android:background="#00FFFFFF"

    android:text="Sign Up"

    android:textColor="#E75480"
```

21012021003_AMIT GOSWAMI

android:textStyle="bold"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintHorizontal_bias="0.144"

app:layout_constraintStart_toEndOf="@+id/textView5"

app:layout_constraintTop_toBottomOf="@+id/materialCardView" />

</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.kt

package com.example.mad_practical_3_21012021003

```
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
    }
}
```

Output:

21012021003_AMIT GOSWAMI