**[ 2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT]**

Practical: 3



**AIM-**  **Create following UI by using ConstraintLayout..**

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1. **Create following UI by using ConstraintLayout.**

**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\_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="250dp"

android:layout\_marginHorizontal="20dp"

app:cardCornerRadius="20dp"

app:cardElevation="20dp"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@id/imageView">

<androidx.constraintlayout.widget.ConstraintLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:padding="20dp">

<TextView

android:id="@+id/textViewEmailID"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Email ID"

app:layout\_constraintBaseline\_toBaselineOf="@+id/editTextTextEmailAddress"

app:layout\_constraintStart\_toStartOf="parent" />

<EditText

android:id="@+id/editTextTextEmailAddress"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="textEmailAddress"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toEndOf="@+id/textViewEmailID"

app:layout\_constraintTop\_toTopOf="parent" />

<TextView

android:id="@+id/textView2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Password"

app:layout\_constraintBaseline\_toBaselineOf="@+id/editTextTextPassword"

app:layout\_constraintStart\_toStartOf="parent" />

<EditText

android:id="@+id/editTextTextPassword"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="textPassword"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toEndOf="@+id/textView2"

app:layout\_constraintTop\_toBottomOf="@+id/editTextTextEmailAddress" />

<TextView

android:id="@+id/textView5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="30dp"

android:text="Forgot Password?"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/textView2" />

<Button

android:id="@+id/button2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20dp"

android:text="login"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/textView5" />

</androidx.constraintlayout.widget.ConstraintLayout>

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

<TextView

android:id="@+id/textView6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="40dp"

android:layout\_marginTop="20dp"

android:text="Dont have an account?"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/materialCardView" />

<Button

android:id="@+id/button4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="20dp"

android:layout\_marginTop="7dp"

android:background="#00ffffff"

android:text="SIGN UP"

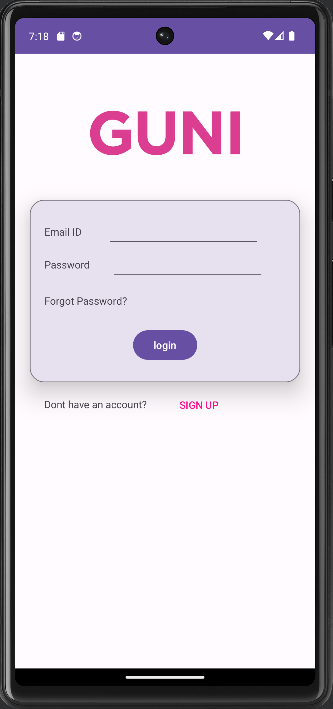
android:textColor="#FF1493"

app:layout\_constraintStart\_toEndOf="@+id/textView6"

app:layout\_constraintTop\_toBottomOf="@+id/materialCardView" />

</androidx.constraintlayout.widget.ConstraintLayout>

**Design Output :**

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