2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT

Practical: 3

AIM- Create following UI by using ConstraintLayout..

Submitted By: Mahavir_21012011088



Department of Computer Engineering/Information Technology

1. Create following UI by using ConstraintLayout.

```
Activity main.xml:
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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</pre>
        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</pre>
        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</pre>
            android:layout width="match parent"
            android:layout height="match parent"
            android:padding="20dp">
            <TextView
                android:id="@+id/textViewEmailID"
```

android:layout width="wrap content"

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```
android:layout height="wrap content"
                android:text="Email ID"
app:layout constraintBaseline toBaselineOf="@+id/editTextTextEmailAddre
ss"
                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"
```

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```
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"
```

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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:



