**MP assignment**

**Main\_Activity.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="wrap\_content"**

**android:layout\_height="wrap\_content"**

**app:srcCompat="@drawable/loginpage"**

**tools:layout\_editor\_absoluteX="0dp"**

**tools:layout\_editor\_absoluteY="0dp" />**

**<EditText**

**android:id="@+id/login\_password"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="textPassword"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.577"**

**app:layout\_constraintStart\_toStartOf="parent"**

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

**<EditText**

**android:id="@+id/login\_username"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="textPersonName"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.582"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.399" />**

**<ImageButton**

**android:id="@+id/loginb"**

**android:layout\_width="199dp"**

**android:layout\_height="89dp"**

**android:background="#00FFFFFF"**

**android:backgroundTint="#00FFFFFF"**

**android:foregroundTint="#00FFFFFF"**

**android:tint="#00FFFFFF"**

**app:layout\_constraintBottom\_toBottomOf="@+id/imageView"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.604"**

**app:srcCompat="@drawable/loginb" />**

**<ImageButton**

**android:id="@+id/signupb"**

**android:layout\_width="199dp"**

**android:layout\_height="86dp"**

**android:backgroundTint="#00FFFFFF"**

**android:foregroundTint="#00FFFFFF"**

**android:tint="#00FFFFFF"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.739"**

**app:srcCompat="@drawable/signup" />**

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

**MainActivity.java**

**package com.example.theapp;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**import android.content.Intent;**

**import android.view.View;**

**import android.widget.\*;**

**public class MainActivity extends AppCompatActivity {**

**ImageButton signupb, loginb;**

**EditText login\_username, login\_password;**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.activity\_main);**

**signupb = findViewById(R.id.signupb);**

**loginb = findViewById(R.id.loginb);**

**login\_username = findViewById(R.id.login\_username);**

**login\_password = findViewById(R.id.login\_password);**

**signupb.setOnClickListener(new View.OnClickListener() {**

**@Override**

**public void onClick(View view) {**

**Intent i = new Intent(getApplicationContext(), signin.class);**

**startActivity(i);**

**}**

**});**

**loginb.setOnClickListener(new View.OnClickListener() {**

**@Override**

**public void onClick(View view) {**

**String username = login\_username.getText().toString();**

**String password = login\_password.getText().toString();**

**Boolean checklogin = (username.equals("shrad2902") && password.equals("ss"));**

**if (checklogin == true) {**

**Intent y = new Intent(getApplicationContext(), welcomepage.class);**

**String n1 = login\_username.getText().toString();**

**y.putExtra("sname",n1);**

**startActivity(y);**

**} else {**

**Intent n = new Intent(getApplicationContext(), error.class);**

**startActivity(n);**

**}**

**}**

**});**

**}**

**}**

**Welcomepage.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=".welcomepage">**

**<ImageView**

**android:id="@+id/imageView3"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**app:srcCompat="@drawable/welcomepage"**

**tools:layout\_editor\_absoluteX="0dp"**

**tools:layout\_editor\_absoluteY="0dp" />**

**<TextView**

**android:id="@+id/welcome"**

**android:layout\_width="301dp"**

**android:layout\_height="136dp"**

**android:fontFamily="@font/extrabold"**

**android:gravity="center|center\_vertical"**

**android:text="welcome shrad"**

**android:textColor="#5C5656"**

**android:textSize="34sp"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.699" />**

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

**Welcomepage.java**

**package com.example.theapp;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**import android.content.Intent;**

**import android.view.View;**

**import android.widget.\*;**

**public class welcomepage extends AppCompatActivity {**

**TextView welcome;**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.activity\_welcomepage);**

**welcome = findViewById(R.id.welcome);**

**Intent w=getIntent();**

**String s=w.getExtras().getString("sname");**

**welcome.setText("Welcome! " + s);**

**}**

**}**

**Signin.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=".signin">**

**<ImageView**

**android:id="@+id/imageView2"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**app:srcCompat="@drawable/signuppage"**

**tools:layout\_editor\_absoluteX="0dp"**

**tools:layout\_editor\_absoluteY="0dp" />**

**<EditText**

**android:id="@+id/signup\_password"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="textPassword"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.582"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.482" />**

**<EditText**

**android:id="@+id/signup\_number"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="phone"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.582"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.581" />**

**<EditText**

**android:id="@+id/signup\_email"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="textEmailAddress"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="@+id/imageView2"**

**app:layout\_constraintHorizontal\_bias="0.582"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.39" />**

**<EditText**

**android:id="@+id/signup\_username"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="textPersonName"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.582"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.303" />**

**<ImageButton**

**android:id="@+id/signup\_button"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:backgroundTint="#00FFFFFF"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.497"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.699"**

**app:srcCompat="@drawable/signup" />**

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

**Signin.java**

**package com.example.theapp;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**import android.content.Intent;**

**import android.view.View;**

**import android.widget.\*;**

**public class signin extends AppCompatActivity {**

**EditText signup\_username, signup\_password, signup\_number, signup\_email;**

**ImageButton signup\_button;**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.activity\_signin);**

**signup\_button = findViewById(R.id.signup\_button);**

**signup\_username = findViewById(R.id.signup\_username);**

**signup\_password = findViewById(R.id.signup\_password);**

**signup\_email = findViewById(R.id.signup\_email);**

**signup\_number = findViewById(R.id.signup\_number);**

**signup\_button.setOnClickListener(new View.OnClickListener() {**

**@Override**

**public void onClick(View view) {**

**Intent w=new Intent(getApplicationContext(),welcomepage.class);**

**String n1 = signup\_username.getText().toString();**

**w.putExtra("sname",n1);**

**startActivity(w);**

**}**

**});**

**}**

**}**

**Error.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=".error">**

**<ImageView**

**android:id="@+id/imageView4"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**app:srcCompat="@drawable/errorpage"**

**tools:layout\_editor\_absoluteX="0dp"**

**tools:layout\_editor\_absoluteY="0dp" />**

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

**Error.java**

**package com.example.theapp;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**public class error extends AppCompatActivity {**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

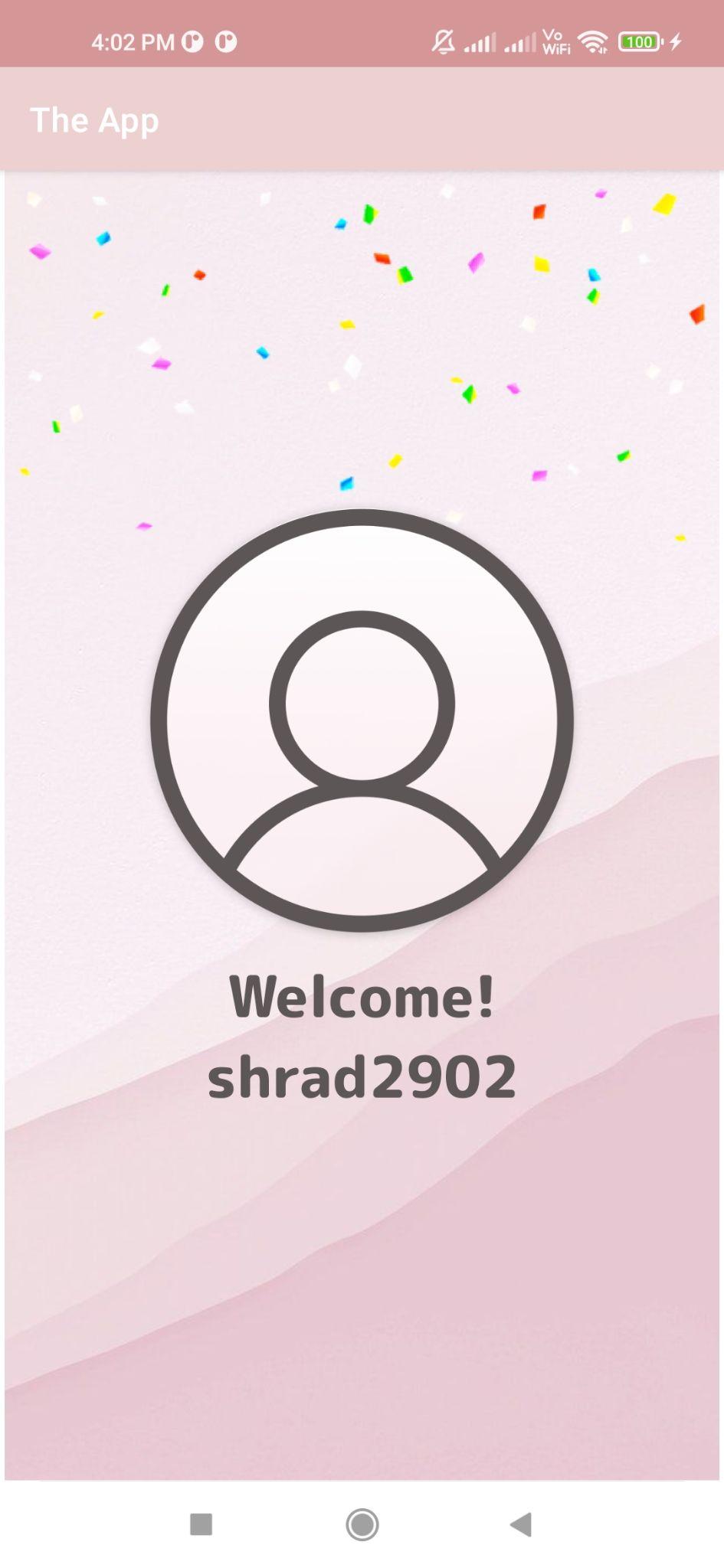
**setContentView(R.layout.activity\_error);**

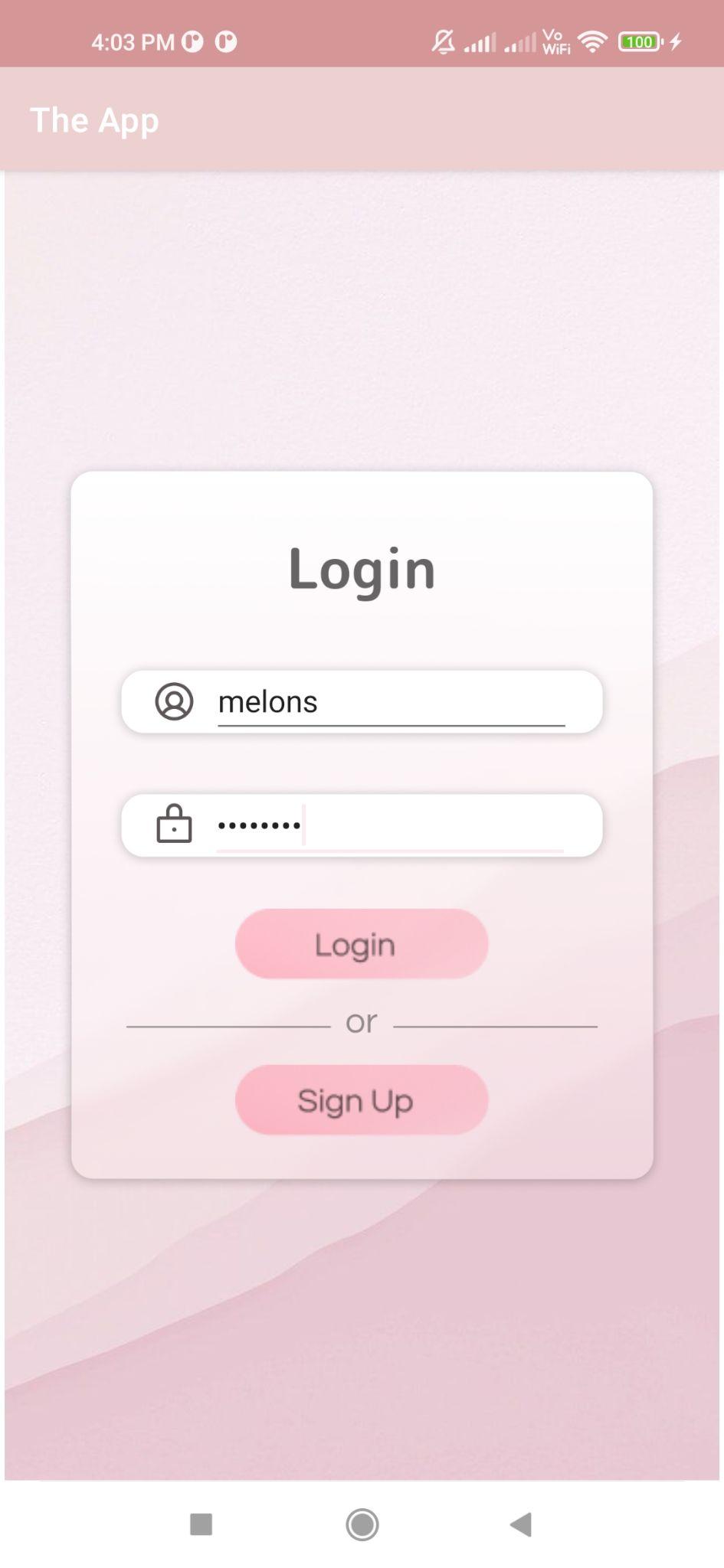
**}**

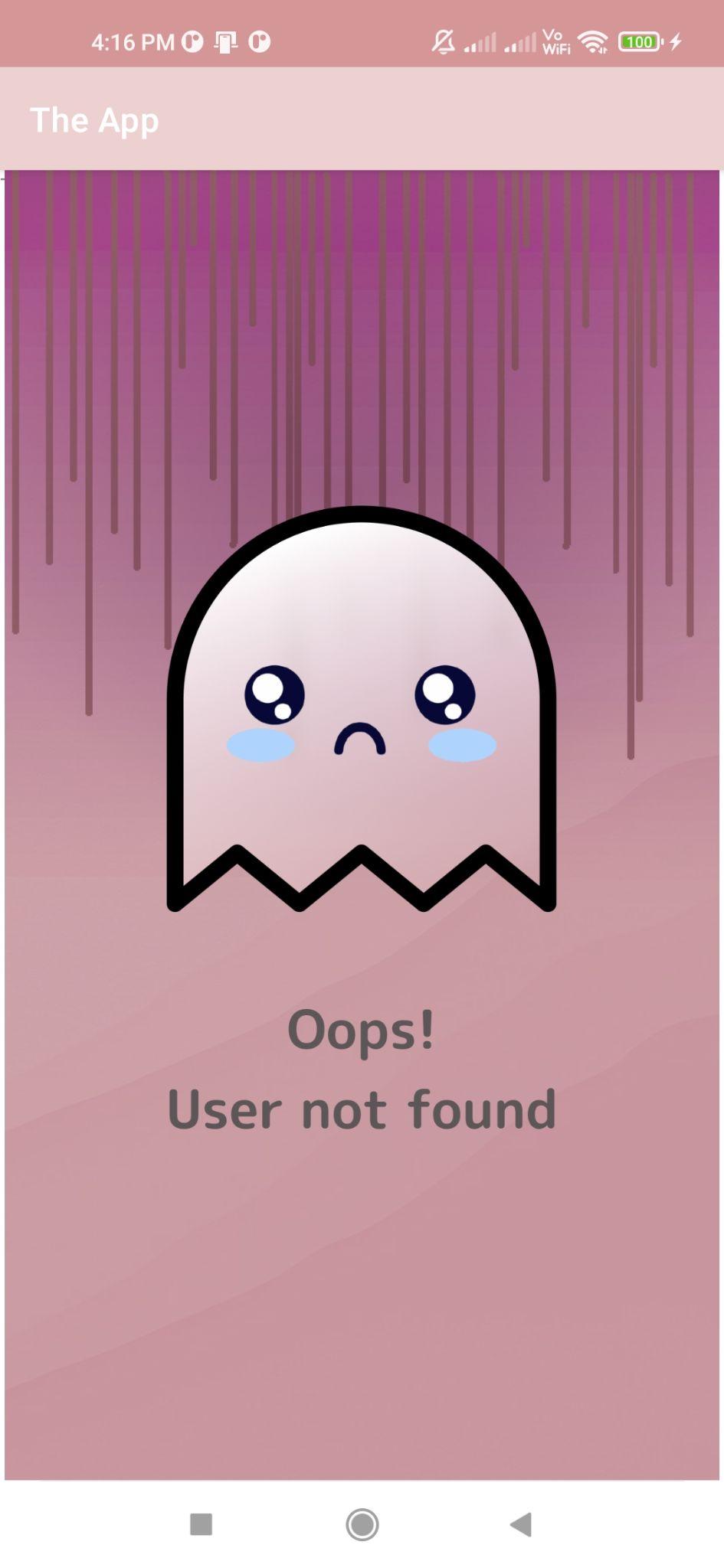
**}**

**Result.**

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