Android mobile application which consist of GUI components for Login page creation.

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout 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"

android:orientation="vertical"

android:gravity="center"

tools:context=".MainActivity">

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="login"

android:textSize="60dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintHorizontal\_bias="0.434"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.324" />

<EditText

android:id="@+id/editText1"

android:layout\_width="200dp"

android:layout\_height="wrap\_content"

android:text="username"

tools:layout\_editor\_absoluteX="82dp"

tools:layout\_editor\_absoluteY="334dp" />

<EditText

android:id="@+id/editText2"

android:layout\_width="200dp"

android:layout\_height="wrap\_content"

android:text="password"

tools:layout\_editor\_absoluteX="92dp"

tools:layout\_editor\_absoluteY="427dp" />

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="login"

tools:layout\_editor\_absoluteX="141dp"

tools:layout\_editor\_absoluteY="514dp" />

</LinearLayout>

**MainActivity.java**

package com.example.login;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

Button b1;

TextView t1;

EditText e1;

EditText e2;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

b1=findViewById(R.id.button);

t1=findViewById(R.id.textView);

e1=findViewById(R.id.editText1);

e2=findViewById(R.id.editText2);

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

String val1 = e1.getText().toString();

String val2 = e2.getText().toString();

}

});

}

}

**Output**

**A picture containing text, monitor, electronics, screenshot

Description automatically generated**