

Main xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <!-- Title Bar -->
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:gravity="center"
        android:padding="16dp">

        <TextView
            android:id="@+id/textView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Details Form"
            android:textSize="25sp"
            android:textStyle="bold"
            android:gravity="center" />
    </LinearLayout>

    <!-- Form Section (GridLayout) -->
    <GridLayout
        android:id="@+id/gridLayout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/textView"
        android:layout_marginTop="20dp"
        android:columnCount="2"
        android:rowCount="3"
        android:padding="16dp"
        tools:ignore="NotSibling">

        <!-- Name -->
        <TextView
            android:id="@+id/textView1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Name"
            android:textSize="20sp"
            android:gravity="center" />
```

```
<EditText
    android:id="@+id/editText"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:ems="10" />

<!-- Reg. No -->
<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Reg.No"
    android:textSize="20sp"
    android:gravity="center" />

<EditText
    android:id="@+id/editText2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="number" />

<!-- Department -->
<TextView
    android:id="@+id/textView3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Dept"
    android:textSize="20sp"
    android:gravity="center" />

<Spinner
    android:id="@+id/spinner"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:spinnerMode="dropdown" />
</GridLayout>

<!-- Submit Button -->
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/gridLayout"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="30dp"
    android:text="Submit" />
```

</RelativeLayout>

Main.java

```
package com.example.layout;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Spinner;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    // Declaring the Views
    EditText e1, e2;
    Button bt;
    Spinner s;

    // Data for the Spinner
    String[] dept_array = {"MCA", "ECE", "IT", "Mech", "Civil"};

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        // Linking views with their IDs
        e1 = findViewById(R.id.editText);
        e2 = findViewById(R.id.editText2);
        bt = findViewById(R.id.button);
        s = findViewById(R.id.spinner);

        // Setting up Spinner adapter
        ArrayAdapter<String> adapter = new ArrayAdapter<>(this,
            android.R.layout.simple_spinner_item, dept_array);
        adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        s.setAdapter(adapter);

        // Setting click listener for Button
        bt.setOnClickListener(new View.OnClickListener() {
```

```
@Override
public void onClick(View v) {
    // Getting the input values
    String name = e1.getText().toString().trim();
    String reg = e2.getText().toString().trim();
    String dept = s.getSelectedItem().toString();

    // Creating Intent to open SecondActivity
    Intent i = new Intent(MainActivity.this, SecondActivity.class);
    i.putExtra("name_key", name);
    i.putExtra("reg_key", reg);
    i.putExtra("dept_key", dept);

    // Starting SecondActivity
    startActivity(i);
}
});
}
```