Camera Application , Video Recording Application , Music Player Access and Media-Options Program in Android Studio.

**Activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout 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:layout\_height="match\_parent"  
 android:layout\_width="match\_parent"  
 android:src="@drawable/superman"  
 />  
 <ImageButton  
 android:id="@+id/b1"  
 android:layout\_width="80dp"  
 android:layout\_height="80dp"  
 android:layout\_alignLeft="@+id/b4"  
 android:layout\_marginTop="600dp"  
 android:scaleType="fitCenter"  
 android:src="@drawable/music"  
 android:background="#3C3F41"/>  
  
 <ImageButton  
 android:id="@+id/b2"  
 android:layout\_width="80dp"  
 android:layout\_height="80dp"  
 android:layout\_toRightOf="@id/b4"  
 android:layout\_alignBottom="@+id/b4"  
 tools:ignore="MissingConstraints"  
 android:src="@drawable/video"  
 android:scaleType="fitCenter"  
 android:background="#00000"/>  
 <ImageButton  
 android:id="@+id/b3"  
 android:layout\_width="80dp"  
 android:layout\_height="80dp"  
 android:src="@drawable/camera"  
 android:layout\_toLeftOf="@id/b4"  
 android:layout\_alignBottom="@id/b4"  
 android:scaleType="fitCenter"  
 android:background="#F8F5F5"/>  
 <ImageButton  
 android:id="@+id/b4"  
 android:layout\_width="80dp"  
 android:layout\_height="80dp"  
 android:src="@drawable/media"  
 android:layout\_marginLeft="50dp"  
 android:layout\_marginRight="50dp"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="500dp"  
 android:scaleType="fitCenter"  
 android:background="#F8F5F5"/>  
  
</RelativeLayout>

**MainAcivity.java**

package com.example.gridview;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.provider.MediaStore;  
import android.view.View;  
import android.widget.GridView;  
import android.widget.\*;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 ImageButton b2=(ImageButton)findViewById(R.id.*b2*);  
 b2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i=new Intent(MediaStore.*ACTION\_VIDEO\_CAPTURE*);  
 startActivity(i);  
 }  
 });  
 ImageButton b1=(ImageButton)findViewById(R.id.*b1*);  
 b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i=new Intent(MediaStore.*INTENT\_ACTION\_MUSIC\_PLAYER*);  
 startActivity(i);  
 }  
 });  
 ImageButton b4=(ImageButton)findViewById(R.id.*b4*);  
 b4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i=new Intent(MediaStore.*INTENT\_ACTION\_MEDIA\_PLAY\_FROM\_SEARCH*);  
 startActivity(i);  
 }  
 });  
 ImageButton b3=(ImageButton)findViewById(R.id.*b3*);  
 b3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i=new Intent(MediaStore.*INTENT\_ACTION\_STILL\_IMAGE\_CAMERA*);  
 startActivity(i);  
 }  
 });  
 }