Create an android studio application to play audio and video

MainActivity.java

package com.example.audioandvideo;

import androidx.appcompat.app.AppCompatActivity;

import android.media.MediaPlayer;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.MediaController;

import android.widget.Toast;

import android.widget.VideoView;

public class MainActivity extends AppCompatActivity {

Button btnAudioPlay, btnAudioPause, btnAudioStop, btnVideoPlay;

VideoView vv;

MediaPlayer mp;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

btnAudioPlay = findViewById(R.id.btn1);

btnAudioPause = findViewById(R.id.btn2);

btnAudioStop = findViewById(R.id.btn3);

btnVideoPlay = findViewById(R.id.btn4);

vv = findViewById(R.id.vv);

btnAudioPlay.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(mp == null){

mp = MediaPlayer.create(getApplicationContext(), R.raw.audio);

mp.setOnCompletionListener(new MediaPlayer.OnCompletionListener() {

@Override

public void onCompletion(MediaPlayer mp) {

mp.release();

Toast.makeText(getApplicationContext(), "Audio Completed...", Toast.LENGTH\_LONG).show();

}

});

}

mp.start();

Toast.makeText(getApplicationContext(), "Audio is playing....", Toast.LENGTH\_LONG).show();

}

});

btnAudioPause.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(mp != null){

mp.pause();

Toast.makeText(getApplicationContext(), "Audio Paused", Toast.LENGTH\_LONG).show();

}

}

});

btnAudioStop.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(mp != null){

mp.stop();

mp.release();

Toast.makeText(getApplicationContext(), "Audio Stopped....", Toast.LENGTH\_LONG).show();

}

mp = null;

}

});

btnVideoPlay.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

plaVideo();

}

});

}

private void plaVideo() {

String path = "android.resource://"+getPackageName()+"/"+R.raw.video;

Uri uri = Uri.parse(path);

vv.setVideoURI(uri);

MediaController mc = new MediaController(this);

mc.setAnchorView(vv);

mc.setMediaPlayer(vv);

vv.setMediaController(mc);

vv.start();

}

}

Output:

 

 