**[ 2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT]**

Practical: 7



**AIM-** Create a Video player application

Submitted By:

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**MainActivity.kt:**

package com.Mahavirpatel.mad\_practical7\_21012011088 import android.content.Intent

import android.net.Uri

import androidx.appcompat.app.AppCompatActivity import android.os.Bundle

import android.widget.MediaController import android.widget.VideoView

import com.google.android.material.floatingactionbutton.FloatingActionButton

class MainActivity : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) { super.onCreate(savedInstanceState) setContentView(R.layout.activity\_main)

val toYtBtn=findViewById<FloatingActionButton>(R.id.fb1) toYtBtn.setOnClickListener{

val intent = Intent(this,YoutubeActivity::class.java) startActivity(intent)

}

initVideoPlayer()

}

private fun initVideoPlayer(){

val videoView = findViewById<VideoView>(R.id.videoView) val mediaController = MediaController(this)

val uri:Uri = Uri.parse("android.resource://"+ packageName + "/"+ R.raw.thestoryoflight)

mediaController.setAnchorView(videoView) videoView.setMediaController(mediaController); videoView.setVideoURI(uri); videoView.requestFocus();

videoView.start();

}

}

## YoututbeActivity.kt

package com.Mahavirpatel.mad\_practical7\_21012011088

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity import android.os.Bundle

import android.webkit.WebView

import com.google.android.material.floatingactionbutton.FloatingActionButton

class YoutubeActivity : AppCompatActivity() { override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState) setContentView(R.layout.activity\_youtube)

val toMainActBtn = findViewById<FloatingActionButton>(R.id.fb2) toMainActBtn.setOnClickListener{

val intent= Intent(this,MainActivity::class.java)

startActivity(intent)

}

initYoutubePlayer()

}

private fun initYoutubePlayer(){ val id = "fJn9B64Znrk"

val webView = findViewById<WebView>(R.id.wv1) val webSettings = webView.settings webSettings.javaScriptEnabled=true webView.settings.loadWithOverviewMode = true webView.settings.useWideViewPort = true

webView.loadUrl("https://[www.youtube.com/embed/$id](http://www.youtube.com/embed/%24id)")

}

}

## Activity\_main.xml:

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) xmlns:app="[http://schemas.android.com/apk/res-auto"](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">

<VideoView android:id="@+id/videoView" android:layout\_width="match\_parent" android:layout\_height="match\_parent" />

<com.google.android.material.floatingactionbutton.FloatingActionButton android:id="@+id/fb1"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginHorizontal="20dp" android:layout\_marginVertical="20dp" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:srcCompat="@android:drawable/ic\_menu\_gallery">

</com.google.android.material.floatingactionbutton.FloatingActionButton>

</androidx.constraintlayout.widget.ConstraintLayout>

## Activity\_youtube.xml:

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) xmlns:app="[http://schemas.android.com/apk/res-auto"](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=".YoutubeActivity">

<WebView android:id="@+id/wv1"

android:layout\_width="match\_parent" android:layout\_height="match\_parent" />

<com.google.android.material.floatingactionbutton.FloatingActionButton android:id="@+id/fb2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:srcCompat="@android:drawable/ic\_menu\_gallery" android:layout\_marginHorizontal="20dp" android:layout\_marginVertical="20dp">

</com.google.android.material.floatingactionbutton.FloatingActionButton>

</androidx.constraintlayout.widget.ConstraintLayout>

**Design:**

