Ganpat University
U.V. Patel College of Engineering

|| विद्यया समाजोत्कर्षः ||

Department of Computer Engineering/Information Technology

MainActivity.XML File:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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">


    <VideoView
        android:id="@+id/vv1"
        android:layout_width="400dp"
        android:layout_height="250dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0" />

    <WebView
        android:id="@+id/wv1"
        android:layout_width="400dp"
        android:layout_height="250dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/vv1"
        app:layout_constraintVertical_bias="0.233" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.kt File:

```kotlin
package com.example.pr_8

import android.net.Uri
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.webkit.WebSettings
import android.webkit.WebView
import android.widget.MediaController
import android.widget.VideoView


class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        val vv:VideoView = findViewById(R.id.vv1)
        val wv:WebView = findViewById(R.id.wv1)

        val mediaController = MediaController(this)
        mediaController.setAnchorView(vv)

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

        vv.setMediaController(mediaController)
        vv.setVideoURI(uri)
        vv.requestFocus()
        vv.start()


        val webSettings:WebSettings = wv.settings
        webSettings.javaScriptEnabled=true
        webSettings.loadWithOverviewMode=true
        webSettings.useWideViewPort=true

        wv.loadUrl("https://youtu.be/0cGj4prWIFk")
    }
}
```

AndroidManifest.XML File:

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.pr_8">
    <uses-permission android:name="android.permission.INTERNET" />
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Pr_8">
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

pr_8

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2:24

0:03 / 4:33

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