Media-Player

Madhuri.c

1NT19IS077

SEC C

Activity\_main.xml

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

<LinearLayout 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"

android:background="#d6e0eb"

android:orientation="vertical">

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text=" MEDIA PLAYER"

android:textSize="50dp"

android:fontFamily="cursive"

android:layout\_marginBottom="20dp"

></TextView>

<TextView

android:id="@+id/music"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_marginTop="50dp"

android:text="Song-CIRCLES"

android:textSize="40dp"

android:textStyle="italic"

android:fontFamily="sans-serif"

/>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/play"

android:text="PLAY"

android:fontFamily="casual"

android:textSize="25dp"

android:backgroundTint="#336699"

android:textStyle="bold"

></Button>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/pause"

android:text="PAUSE"

android:fontFamily="casual"

android:textSize="25dp"

android:backgroundTint="#336699"

android:textStyle="bold"

></Button>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/forward"

android:text="FORWARD"

android:fontFamily="casual"

android:textSize="25dp"

android:backgroundTint="#336699"

android:textStyle="bold"

></Button>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/rewind"

android:text="REWIND"

android:fontFamily="casual"

android:textSize="25dp"

android:backgroundTint="#336699"

android:textStyle="bold"

></Button>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/stop"

android:text="STOP"

android:fontFamily="casual"

android:textSize="25dp"

android:backgroundTint="#336699"

android:textStyle="bold"

></Button>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/restart"

android:text="restart"

android:fontFamily="casual"

android:textSize="25dp"

android:backgroundTint="#336699"

android:textStyle="bold"

></Button>

</LinearLayout>

MainActivity.java

package com.example.madhuri\_mediaplayer;

import androidx.appcompat.app.AppCompatActivity;

import android.media.MediaPlayer;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.Toast;

import android.media.MediaPlayer;

import android.os.Bundle;

import android.provider.MediaStore;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

int starttime =0;

int stoptime = 0;

int forwardTime = 5000;

int backwardTime = 5000;

MediaPlayer mediaPlayer, mediaPlayerNew;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

mediaPlayer = MediaPlayer.*create*(this,R.raw.*circles*);

mediaPlayerNew = MediaPlayer.*create*(this,R.raw.*circles*);

Button play = findViewById(R.id.*play*);

Button pause = findViewById(R.id.*pause*);

Button forward = findViewById(R.id.*forward*);

Button rewind = findViewById(R.id.*rewind*);

Button stop = findViewById(R.id.*stop*);

Button restart = findViewById(R.id.*restart*);

play.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Toast.*makeText*(getApplicationContext(),"Song Playing",Toast.*LENGTH\_LONG*).show();

mediaPlayer.start();

}

});

pause.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) {

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

mediaPlayer.pause();

}

});

forward.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) {

int currentpos = mediaPlayer.getCurrentPosition() ;

if((currentpos+forwardTime) <= (stoptime=mediaPlayer.getDuration())){

mediaPlayer.seekTo(currentpos+forwardTime);

}

Toast.*makeText*(getApplicationContext(),"Song forwarded",Toast.*LENGTH\_LONG*).show();

}

});

rewind.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) {

int currentpos = mediaPlayer.getCurrentPosition() ;

if((currentpos-backwardTime) <= (starttime=mediaPlayer.getDuration())){

mediaPlayer.seekTo(currentpos-backwardTime);

}

Toast.*makeText*(getApplicationContext(),"Song rewinded",Toast.*LENGTH\_LONG*).show();

}

});

stop.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) {

Toast.*makeText*(getApplicationContext(),"Song stopped",Toast.*LENGTH\_LONG*).show();

mediaPlayer.stop();

}

});

restart.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) {

Toast.*makeText*(getApplicationContext(),"Song restarted",Toast.*LENGTH\_LONG*).show();

mediaPlayer.seekTo(starttime);

}

});

}

}

OUTPUT:-





