package com.RoboKon.pinball;

import android.app.Activity;

import android.app.Dialog;

import android.content.Context;

import android.content.SharedPreferences;

import android.hardware.Sensor;

import android.hardware.SensorEvent;

import android.hardware.SensorEventListener;

import android.hardware.SensorManager;

import android.media.MediaPlayer;

import android.os.Bundle;

import android.view.View;

import android.view.View.OnClickListener;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

public class Game extends Activity implements SensorEventListener{

 ImageView im;

 ImageView im2;

 int i=0,j=0;

 SensorManager mSensorManager;

 Sensor mSensor;

 float m,n,b,v;

 int vel=10,vel2=10,z=8,c=8,f=0,g=0;

 float k=0;

 boolean data=true,data2=true;

 MediaPlayer mp,mp2;

 TextView tv,tv2;

 SharedPreferences sharedPref;

 SharedPreferences.Editor editor;

 Context context=this;

 @Override

 protected void onCreate(Bundle savedInstanceState) {

 super.onCreate(savedInstanceState);

 setContentView(R.layout.game);

 sharedPref = Game.this.getSharedPreferences("xyz", Context.MODE\_PRIVATE);

 editor=sharedPref.edit();

 mSensorManager = (SensorManager) getSystemService(Context.SENSOR\_SERVICE);

 mSensor = mSensorManager.getDefaultSensor(Sensor.TYPE\_ACCELEROMETER);

 im=(ImageView) findViewById(R.id.imageView9);

 im2=(ImageView) findViewById(R.id.imageView8);

 mp=MediaPlayer.create(this, R.raw.collide);

 mp2=MediaPlayer.create(this, R.raw.toing);

 tv=(TextView) findViewById(R.id.tv1);

 tv2=(TextView) findViewById(R.id.tv2);

 m=im2.getX();

 n=im2.getY();

 }

 @Override

 public void onSensorChanged(SensorEvent event) {

 // TODO Auto-generated method stub

 float axisX = event.values[0];

 float axisY = event.values[1];

 float axisZ = event.values[2];

 b=im.getX();

 v=im.getY();

 if(axisX>0 && m>30)

 {

 if(data)

 {

 im2.setRotation(-10);

 data2=true;

 data=false;

 }

 m=m-20;

 im2.setX(m);

 z--;

 if(z==0)

 {

 im2.setRotation(0);

 z=8;

 }

 }

 if(axisX<0 && m<560)

 {

 if(data2)

 {

 im2.setRotation(10);

 data=true;

 data2=false;

 }

 m=m+20;

 im2.setX(m);

 c--;

 if(c==0)

 {

 im2.setRotation(0);

 c=8;

 }

 }

 if(b>=m-60 && b<=m+100 && v>=870 && v<=880)

 {

 vel2=-vel2;

 if(sharedPref.getInt("y", 0)==1)

 {

 mp.start();

 }

 f++;

 tv.setText("Score:"+String.valueOf(f));

 }

 if(b<=42)

 {

 vel=10;

 }

 if(v<=52)

 {

 vel2=10;

 }

 if(b>=592)

 {

 vel=-vel;

 }

 if(v>=1002)

 {

 b=592/2;

 v=1002/2;

 if(sharedPref.getInt("x", 0)==1)

 {

 mp2.start();

 }

 if(f>=sharedPref.getInt("HiScore", 0))

 {

 final Dialog dialog=new Dialog(context);

 dialog.setContentView(R.layout.highscore2);

 dialog.setTitle("Yeah High Score");

 final EditText et=(EditText) dialog.findViewById(R.id.editText1);

 Button bt=(Button) dialog.findViewById(R.id.button1);

 dialog.show();

 bt.setOnClickListener(new OnClickListener() {

 @Override

 public void onClick(View v) {

 // TODO Auto-generated method stub

 editor.putString("Name", String.valueOf(et.getText()));

 editor.commit();

 dialog.dismiss();

 }

 });

 editor.putInt("HiScore", f);

 editor.commit();

 }

 f=0;

 tv.setText("Score:"+String.valueOf(f));

 tv2.setText("Foul:"+String.valueOf(g));

 }

 b=b+vel;

 v=v+vel2;

 im.setX(b);

 im.setY(v);

 im.setRotation(k);

 k+=1;

 }

 @Override

 public void onAccuracyChanged(Sensor sensor, int accuracy) {

 // TODO Auto-generated method stub

 }

 @Override

 protected void onResume() {

 // Register a listener for the sensor.

 super.onResume();

 mSensorManager.registerListener(this, mSensor, SensorManager.SENSOR\_DELAY\_NORMAL);

 }

@Override

 protected void onPause() {

 // Be sure to unregister the sensor when the activity pauses.

 super.onPause();

 mSensorManager.unregisterListener(this);

 }

}