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);

}

}