package projectlab;

import java.awt.\*;

import java.awt.event.\*;

import java.io.File;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.filechooser.FileNameExtensionFilter;

import javax.swing.JLabel;

import javax.sound.sampled.AudioInputStream;//to play the song

import javax.sound.sampled.AudioSystem;

import javax.sound.sampled.Clip;//playing song

import javax.swing.\*;

public class musicpalyer extends JPanel implements ActionListener {

JFrame window = new JFrame("SPOTIFY HACKVERSION");

JLabel info = new JLabel("IT SIMPLIFIES MUSIC");

JButton addButton = new JButton("Add Music");

JButton playbutton = new JButton("play");

JButton stopbutton = new JButton("stop");

//JButton forwardbutton = new JButton("forward");

JComboBox list = new JComboBox();//finds this find in which package.

JFileChooser browser = new JFileChooser();//finds its package

FileNameExtensionFilter filter = new FileNameExtensionFilter("WAV SOUND","wav");

int returnValue;

String [] musics = new String[10];//to add songs into combo box

int index = 0;

File selectedFile;

File sound;

AudioInputStream ais;

Clip clip;

musicpalyer()

{

this.setBackground(Color.PINK);

window.add(this);

addButton.addActionListener(this);

playbutton.addActionListener(this);

stopbutton.addActionListener(this);

//forwardbutton.addActionListener(this);

info.setFont(new Font("",Font.ITALIC,20));

window.add(info,BorderLayout.PAGE\_END);

window.add(addButton,BorderLayout.LINE\_START);

window.add(playbutton,BorderLayout.CENTER);

window.add(stopbutton,BorderLayout.LINE\_END);

//window.add(forwardbutton,BorderLayout.AFTER\_LINE\_ENDS);

window.add(list,BorderLayout.PAGE\_START);

browser.setFileFilter(filter);

window.setSize(400,200);

window.setLocation(100, 100);

window.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

window.setVisible(true);

}

public void actionPerformed(ActionEvent e)

{

if(e.getSource()== addButton)

{

returnValue = browser.showOpenDialog(window);

if(returnValue==browser.APPROVE\_OPTION)

{

selectedFile = browser.getSelectedFile();

musics[index]= selectedFile.toString();

list.addItem("Song - "+index);

index++;

}

}

else if (e.getSource()==playbutton)

{

try

{

if(list.getSelectedIndex()==0)

{

sound = new File(musics[list.getSelectedIndex()]);

ais = AudioSystem.getAudioInputStream(sound);

clip = AudioSystem.getClip();

clip.open(ais);

clip.start();

}

else if(list.getSelectedIndex()==1)

{

sound = new File(musics[list.getSelectedIndex()]);

ais = AudioSystem.getAudioInputStream(sound);

clip = AudioSystem.getClip();

clip.open(ais);

clip.start();

}

else if (list.getSelectedIndex()==2) {

sound = new File(musics[list.getSelectedIndex()]);

ais = AudioSystem.getAudioInputStream(sound);

clip = AudioSystem.getClip();

clip.open(ais);

clip.start();

}

}

catch(Exception r)

{

r.printStackTrace();//prints the error

}

}

else if (e.getSource()==stopbutton)

{

clip.stop();

}

}

}