import java.awt.Graphics;

import java.awt.Image;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.ItemEvent;

import java.awt.event.ItemListener;

import java.io.File;

import java.io.IOException;

import javax.sound.sampled.AudioFormat;

import javax.sound.sampled.AudioInputStream;

import javax.sound.sampled.AudioSystem;

import javax.sound.sampled.Clip;

import javax.sound.sampled.DataLine;

import javax.sound.sampled.LineUnavailableException;

import javax.sound.sampled.UnsupportedAudioFileException;

import javax.swing.\*;

@SuppressWarnings("serial")

class JPanelOption extends JPanel {

private JButton Menu;

private JPanelTop win;

private ButtonGroup group;

private JRadioButton mute,unmute;

private JButton BGM1,BGM2,BGM3,BGM4,BGM5,BGM6;

private ImageIcon menuBimage = new ImageIcon("D:\\TP\\ETC\\menu.png");

private ImageIcon B1Image = new ImageIcon("D:\\TP\\ETC\\BGM\\bgm1.png");

private Image BGM1scaled = B1Image.getImage().getScaledInstance(200,120, Image.SCALE\_DEFAULT);

private ImageIcon BGM1Image = new ImageIcon(BGM1scaled);

private ImageIcon B2Image = new ImageIcon("D:\\TP\\ETC\\BGM\\bgm2.png");

private Image BGM2scaled = B2Image.getImage().getScaledInstance(200,120, Image.SCALE\_DEFAULT);

private ImageIcon BGM2Image = new ImageIcon(BGM2scaled);

private ImageIcon B3Image = new ImageIcon("D:\\TP\\ETC\\BGM\\bgm3.png");

private Image BGM3scaled = B3Image.getImage().getScaledInstance(200,120, Image.SCALE\_DEFAULT);

private ImageIcon BGM3Image = new ImageIcon(BGM3scaled);

private ImageIcon B4Image = new ImageIcon("D:\\TP\\ETC\\BGM\\bgm4.png");

private Image BGM4scaled = B4Image.getImage().getScaledInstance(200,120, Image.SCALE\_DEFAULT);

private ImageIcon BGM4Image = new ImageIcon(BGM4scaled);

private ImageIcon B5Image = new ImageIcon("D:\\TP\\ETC\\BGM\\bgm5.png");

private Image BGM5scaled = B5Image.getImage().getScaledInstance(200,120, Image.SCALE\_DEFAULT);

private ImageIcon BGM5Image = new ImageIcon(BGM5scaled);

private ImageIcon B6Image = new ImageIcon("D:\\TP\\ETC\\BGM\\bgm6.png");

private Image BGM6scaled = B6Image.getImage().getScaledInstance(200,120, Image.SCALE\_DEFAULT);

private ImageIcon BGM6Image = new ImageIcon(BGM6scaled);

private ImageIcon image = new ImageIcon("D:\\TP\\ETC\\bgm¹è°æ.png");

private Image imagescale = image.getImage().getScaledInstance(1920,1040, Image.SCALE\_DEFAULT);

private ImageIcon image2 = new ImageIcon(imagescale);

public void paintComponent(Graphics g) {

g.drawImage(image2.getImage(), 0,0,null);

setOpaque(false);

super.paintComponent(g);

}

private File bgm = new File("D:\\TP\\ETC\\BGM\\BGM1.wav");

private AudioInputStream stream;

private AudioFormat format;

private DataLine.Info info;

private Clip clip;

public JPanelOption(JPanelTop win) throws Exception, IOException {

this.win=win;

setLayout(null);

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

BGM1=new JButton(BGM1Image);

BGM1.setLocation(1050,205);

BGM1.setSize(200,120);

BGM1.addActionListener(new BGM1());

BGM2=new JButton(BGM2Image);

BGM2.setLocation(1300,330);

BGM2.setSize(200,120);

BGM2.addActionListener(new BGM2());

BGM3=new JButton(BGM3Image);

BGM3.setLocation(1050,455);

BGM3.setSize(200,120);

BGM3.addActionListener(new BGM3());

BGM4=new JButton(BGM4Image);

BGM4.setLocation(1300,580);

BGM4.setSize(200,120);

BGM4.addActionListener(new BGM4());

BGM5=new JButton(BGM5Image);

BGM5.setLocation(1050,705);

BGM5.setSize(200,120);

BGM5.addActionListener(new BGM5());

BGM6=new JButton(BGM6Image);

BGM6.setLocation(1300,830);

BGM6.setSize(200,120);

BGM6.addActionListener(new BGM6());

group= new ButtonGroup();

unmute = new JRadioButton("À½¾Ç ÄÑ±â");

unmute.setSize(120,80);

unmute.setLocation(1650,700);

unmute.setSelected(true);

unmute.addItemListener(new unmute());

mute = new JRadioButton("À½¾Ç ²ô±â");

mute.setSize(120,80);

mute.setLocation(1650,750);

mute.setSelected(false);

mute.addItemListener(new mute());

group.add(mute);

group.add(unmute);

Menu=new JButton(menuBimage);

Menu.setSize(200,80);

Menu.setLocation(50,800);

Menu.addActionListener(new Menu());

Menu.setBorderPainted(false);

Menu.setFocusPainted(false);

Menu.setContentAreaFilled(false);

add(mute);

add(unmute);

add(BGM1);

add(BGM2);

add(BGM3);

add(BGM4);

add(BGM5);

add(BGM6);

add(Menu);

}

class Menu implements ActionListener{

public void actionPerformed(ActionEvent e) {

win.change("main");

}

}

class mute implements ItemListener{

public void itemStateChanged(ItemEvent e) {

clip.stop();

BGM1.setVisible(false);

BGM2.setVisible(false);

BGM3.setVisible(false);

BGM4.setVisible(false);

BGM5.setVisible(false);

BGM6.setVisible(false);

}

}

class unmute implements ItemListener{

public void itemStateChanged(ItemEvent e) {

clip.start();

BGM1.setVisible(true);

BGM2.setVisible(true);

BGM3.setVisible(true);

BGM4.setVisible(true);

BGM5.setVisible(true);

BGM6.setVisible(true);

}

}

class BGM1 implements ActionListener{

public void actionPerformed(ActionEvent e) {

clip.stop();

bgm = new File("D:\\TP\\ETC\\BGM\\BGM1.wav");

try {

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

} catch (UnsupportedAudioFileException | IOException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

} catch (LineUnavailableException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

}

}

}class BGM2 implements ActionListener{

public void actionPerformed(ActionEvent e) {

clip.stop();

bgm = new File("D:\\TP\\ETC\\BGM\\BGM2.wav");

try {

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

} catch (UnsupportedAudioFileException | IOException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

} catch (LineUnavailableException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

}

}

}class BGM3 implements ActionListener{

public void actionPerformed(ActionEvent e) {

clip.stop();

bgm = new File("D:\\TP\\ETC\\BGM\\BGM3.wav");

try {

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

} catch (UnsupportedAudioFileException | IOException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

} catch (LineUnavailableException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

}

}

}class BGM4 implements ActionListener{

public void actionPerformed(ActionEvent e) {

clip.stop();

bgm = new File("D:\\TP\\ETC\\BGM\\BGM4.wav");

try {

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

} catch (UnsupportedAudioFileException | IOException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

} catch (LineUnavailableException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

}

}

}class BGM5 implements ActionListener{

public void actionPerformed(ActionEvent e) {

clip.stop();

bgm = new File("D:\\TP\\ETC\\BGM\\BGM5.wav");

try {

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

} catch (UnsupportedAudioFileException | IOException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

} catch (LineUnavailableException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

}

}

}class BGM6 implements ActionListener{

public void actionPerformed(ActionEvent e) {

clip.stop();

bgm = new File("D:\\TP\\ETC\\BGM\\BGM6.wav");

try {

stream = AudioSystem.getAudioInputStream(bgm);

format = stream.getFormat();

info = new DataLine.Info(Clip.class, format);

clip = (Clip)AudioSystem.getLine(info);

clip.open(stream);

clip.start();

} catch (UnsupportedAudioFileException | IOException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

} catch (LineUnavailableException e1) {

// TODO Auto-generated catch block

e1.printStackTrace();

}

}

}

}