package Client;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import javax.swing.border.\*;

public class ChatboxView extends JFrame {

private JPanel account\_list\_panel = new JPanel(new BorderLayout());

private JPanel account\_panel = new JPanel(new GridLayout(6, 1));

private JPanel choice\_panel = new JPanel();

private JPanel input\_panel = new JPanel();

private JPanel main\_panel = new JPanel(new BorderLayout());

private JTextArea textArea = new JTextArea(10, 35);

private JScrollPane scrollPane = new JScrollPane(textArea);

private JTextField textField = new JTextField(35);

private JLabel[] accounts = new JLabel[6];

private JButton send\_button = new JButton("Send");

private final JButton emotion\_button = new JButton(new ImageIcon("images/emotion\_button.png"));

private final JButton attachment\_button = new JButton(new ImageIcon("images/attachment\_button.png"));

private final JButton status\_button = new JButton(new ImageIcon("images/status\_button.png"));

private final JButton videochat\_button = new JButton(new ImageIcon("images/webcam\_button.png"));

private JButton logout\_button = new JButton("Logout");

public ChatboxView() {

add(account\_list\_panel, BorderLayout.EAST);

add(main\_panel, BorderLayout.CENTER);

// Set up main chatbox

main\_panel.add(scrollPane, BorderLayout.NORTH);

main\_panel.add(choice\_panel, BorderLayout.CENTER);

main\_panel.add(input\_panel, BorderLayout.SOUTH);

account\_list\_panel.add(account\_panel, BorderLayout.NORTH);

account\_list\_panel.add(logout\_button, BorderLayout.SOUTH);

for (JLabel label: accounts) {

label = new JLabel();

account\_panel.add(label);

}

choice\_panel.add(emotion\_button);

choice\_panel.add(attachment\_button);

choice\_panel.add(status\_button);

choice\_panel.add(videochat\_button);

input\_panel.add(textField, BorderLayout.CENTER);

input\_panel.add(send\_button, BorderLayout.EAST);

// Set up the display of the frame

textArea.setEditable(false);

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

pack();

setLocationRelativeTo(null);

setVisible(true);

}

// Accessor

public String getText() {

return textField.getText().trim();

}

public void updateText(String text) {

textArea.append(text);

}

public void clearTextField() {

textField.setText("");

}

// Add functions to buttons

public void addSendListener(ActionListener listenerForSendButton) {

send\_button.addActionListener(listenerForSendButton);

}

public void addEmotionListener(ActionListener listenerForEmotionButton) {

emotion\_button.addActionListener(listenerForEmotionButton);

}

public void addAttachmentListener(ActionListener listenerForAttachmentButton) {

attachment\_button.addActionListener(listenerForAttachmentButton);

}

public void addSetStatusListener(ActionListener listenerForSetStatusButton) {

status\_button.addActionListener(listenerForSetStatusButton);

}

public void addVideoChatListener(ActionListener listenerForVideoChatButton) {

videochat\_button.addActionListener(listenerForVideoChatButton);

}

public void addLogoutListener(ActionListener listenerForLogoutButton) {

logout\_button.addActionListener(listenerForLogoutButton);

}

}