package IT;

import java.awt.FlowLayout;

import java.awt.Font;

import java.awt.GridLayout;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.WindowAdapter;

import java.awt.event.WindowEvent;

import java.net.MalformedURLException;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.UIManager;

import javax.swing.plaf.ColorUIResource;

import javax.swing.plaf.FontUIResource;

import com.mysql.jdbc.Connection;

import com.mysql.jdbc.Statement;

/\*\*

\* Deborah Barndt & Kenneth Yan

\* 11-22-16

\* Login.java

\* IT

\* This program will ask the user to enter their username and password in order to

\* access the ticket system.

\* Written by Deborah Barndt & Kenneth Yan. \*/

public class Login extends Tickets

{

private JFrame mainFrame; // the main frame of the GUI

private JLabel headerLabel; // the header label of the GUI

private JLabel statusLabel; // the status label of the GUI

private JPanel controlPanel; // the control panel of the GUI

public Login() throws MalformedURLException

{

prepareLoginGUI();

}

public static void main(String[] args) throws MalformedURLException

{

// Change the color of the background of the dialog box

UIManager UI = new UIManager();

UI.put ("OptionPane.background", new ColorUIResource(118, 122, 152));

// Change the color of the panel background of the dialog box

UIManager.put ("Panel.background", new ColorUIResource(241, 235, 228));

// Change the color of the scroll bar background of the dialog box

UIManager.put ("ScrollBar.background", new ColorUIResource(241, 235, 228));

// Change the color of the text area background of the dialog box

UIManager.put ("TextArea.background", new ColorUIResource(241, 235, 228));

// Change the color of the table headers background of the dialog box

UIManager.put ("TableHeader.background", new ColorUIResource(118, 122, 152));

// Change the color of the table background of the dialog box

UIManager.put ("Table.background", new ColorUIResource(241, 235, 228));

// Change the font in the dialog box

UIManager.put ("OptionPane.messageFont", new FontUIResource(new Font("Coda", Font.PLAIN, 14)));

// Change the font in the dialog box

UIManager.put ("TextArea.font", new FontUIResource(new Font("Coda", Font.PLAIN, 14)));

// Change the font in the button

UIManager.put("OptionPane.buttonFont", new Font("Coda", Font.BOLD, 14));

// Change the font in the dialog box

UIManager.put ("OptionPane.messageFont", new FontUIResource(new Font("Coda", Font.PLAIN, 14)));

// Change the font in the table

UIManager.put("TableHeader.font", new Font("Coda", Font.BOLD, 14));

// Change the font in the table box

UIManager.put ("Table.font", new FontUIResource(new Font("Coda", Font.PLAIN, 14)));

// Change the font in the label

UIManager.put ("Label.font", new FontUIResource(new Font("Coda", Font.PLAIN, 14)));

// Change the font in the table box

UIManager.put ("Button.font", new FontUIResource(new Font("Coda", Font.BOLD, 14)));

Login login = new Login();

login.showTextField();

}

private void prepareLoginGUI()

{

try

{

String host = "com.mysql.jdbc.Driver";

String uName = "fb411";

String uPass = "411";

Connection con = (Connection) DriverManager.getConnection(host, uName, uPass);

Statement stmt = (Statement) con.createStatement();

String SQL = "SELECT \* FROM dbarn\_kyan\_login";

ResultSet rs = stmt.executeQuery(SQL);

rs.next();

String user = rs.getString("User");

String pass = rs.getString("Password");

}

catch (SQLException err)

{

System.out.println(err.getMessage());

}

mainFrame = new JFrame("Geekbit IT Help Desk Login");

mainFrame.setSize(400, 400);

mainFrame.setLayout(new GridLayout(4, 1));

mainFrame.addWindowListener(new WindowAdapter()

{

public void windowClosing(WindowEvent wE)

{

System.exit(0);

}

});

headerLabel = new JLabel("", JLabel.CENTER);

statusLabel = new JLabel("",JLabel.CENTER);

statusLabel.setSize(350,100);

controlPanel = new JPanel();

controlPanel.setLayout(new FlowLayout());

mainFrame.add(headerLabel);

mainFrame.add(controlPanel);

mainFrame.add(statusLabel);

mainFrame.setVisible(true);

}

private void showTextField()

{

headerLabel.setText("Welcome to the Geekbit IT Help Desk.");

JLabel nameLabel= new JLabel("Username: ", JLabel.RIGHT);

JLabel passwordLabel = new JLabel(" Password: ", JLabel.RIGHT);

final JTextField userText = new JTextField(20);

final JPasswordField passwordText = new JPasswordField(20);

// Create a login button

JButton loginButton = new JButton("Login");

// Create a Button project

JButton btnCancel = new JButton("Cancel");

// Create an event to activate the cancel button

btnCancel.addActionListener(new ActionListener()

{

public void actionPerformed(ActionEvent e)

{

System.exit(0);

}

});

// Create an event for the login button

loginButton.addActionListener(new ActionListener()

{

@SuppressWarnings("deprecation")

public void actionPerformed(ActionEvent e)

{

/\*Check for correct password/username

\*include a desired 'hardcoded' username /password to verify against

\*user input values for both username & password fields

\*give popup message if either username or password is incorrect

\*/

if (userText.getText().equals("jpapa") &&

passwordText.getText().equals("thegodfather"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else if (userText.getText().equals("kyan") &&

passwordText.getText().equals("javarocks"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else if (userText.getText().equals("dbarndt") &&

passwordText.getText().equals("designguru"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else if (userText.getText().equals("mengland") &&

passwordText.getText().equals("techsavy"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else if (userText.getText().equals("lmchugh") &&

passwordText.getText().equals("networking"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else if (userText.getText().equals("jjerger") &&

passwordText.getText().equals("serverboss"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else if (userText.getText().equals("lfitzpatrick") &&

passwordText.getText().equals("winteriscoming"))

{

// Close the login window

mainFrame.dispose();

//open up Records file upon successful login

// new JTableEx();

}

else

{

// Display an error to enter the correct username and password.

String message = "Enter correct username\n and/or password";

JOptionPane.showMessageDialog(null, message);

}

}

});

controlPanel.add(nameLabel);

controlPanel.add(userText);

controlPanel.add(passwordLabel);

controlPanel.add(passwordText);

controlPanel.add(loginButton);

controlPanel.add(btnCancel);

mainFrame.setVisible(true);

}

}