**Change Authentication**

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JOptionPane;

import static my.reuse.Connections.closeConnection;

import static my.reuse.Connections.makeConnection;

public class ChangeAuth1 extends javax.swing.JFrame {

public ChangeAuth1() {

initComponents();}

int x,y,w,h;

MainForm mf;

public ChangeAuth1(MainForm mf) {

initComponents();

this.mf=mf;

x = this.getX();

y = this.getY();

h = this.getHeight();

w = this.getWidth();}

@SuppressWarnings("unchecked")

private void initComponents() {

jPasswordField2 = new javax.swing.JPasswordField();

jButton1 = new javax.swing.JButton();

jLabel5 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jPasswordField1 = new javax.swing.JPasswordField();

jLabel4 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jSeparator1 = new javax.swing.JSeparator();

jLabel7 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Change Protection ");

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11));

jButton1.setText("Done");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt); }});

jLabel5.setForeground(java.awt.Color.red);

jLabel5.setText(" ");

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel1.setText("New Username");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel2.setText("Confirm New Password");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel3.setText("New Password");

jTextField1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusGained(java.awt.event.FocusEvent evt) {

jTextField1FocusGained(evt);

}

public void focusLost(java.awt.event.FocusEvent evt) {

jTextField1FocusLost(evt); }});

jLabel4.setForeground(new java.awt.Color(255, 0, 0));

jLabel4.setText(" ");

jLabel4.setVerticalAlignment(javax.swing.SwingConstants.TOP);

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 13));

jLabel6.setForeground(new java.awt.Color(0, 0, 204));

jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/back.png")));

jLabel6.setText(" ");

jLabel6.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jLabel6MouseClicked(evt); }

public void mouseEntered(java.awt.event.MouseEvent evt) {

jLabel6MouseEntered(evt);

}

public void mouseExited(java.awt.event.MouseEvent evt) {

jLabel6MouseExited(evt); }});

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18));

jLabel7.setForeground(new java.awt.Color(0, 110, 234));

jLabel7.setText("Change Your Username & Password");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup().addGap(52, 52, 52)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 147, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jPasswordField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 290, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 244, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE).addGap(66, 66, 66)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 289, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 147, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 290, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 147, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 290, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel4,javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))))

.addGroup(layout.createSequentialGroup()

.addGap(28, 28, 28)

.addComponent(jLabel6,javax.swing.GroupLayout.PREFERRED\_SIZE,44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(80, 80, 80)

.addComponent(jLabel7,javax.swing.GroupLayout.PREFERRED\_SIZE, 389, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))).addContainerGap())

.addComponent(jSeparator1));

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)).addGap(18, 18, 18)

.addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED\_SIZE, 10, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 22, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(44, 44, 44)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)).addGap(45, 45, 45)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jPasswordField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)).addGap(41, 41, 41)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE)).addGap(26, 26, 26)));

pack();

setLocationRelativeTo(null);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

jLabel5.setText("");

String un=jTextField1.getText();

String p1=jPasswordField1.getText();

String p2=jPasswordField2.getText();

ResultSet rs=null;

Statement st=null;

if(p1.equals(p2)){

String olduser;

try{

st=makeConnection();

rs=st.executeQuery("select \* from shopkeeper");

rs.next();

olduser=rs.getString(1);

if(un.equals("")){

st.executeUpdate("update shopkeeper set password = '"+p2+"' where username= '"+olduser+"'");

try{

rs.close();

}catch(Exception e){

}

closeConnection();

JOptionPane.showMessageDialog(this, "Password Changed");

jPasswordField1.setText("");

jPasswordField2.setText("");

}else{

st.executeUpdate("delete from shopkeeper where username ='"+olduser+"'");

st.executeUpdate("insert into shopkeeper( username, password) values ('"+un+"','"+p2+"' )");

try{

rs.close();}

catch(Exception e){}

closeConnection();

JOptionPane.showMessageDialog(this, "Username & Password Changed");

jTextField1.setText("");

jPasswordField1.setText("");

jPasswordField2.setText("");

}

}catch(Exception e) {

System.out.println(e);

}

}else{

jLabel5.setText("\*Confirm Password didn't match with New Password");

jPasswordField2.setText("");

jPasswordField2.requestFocus();}

}

private void jTextField1FocusGained(java.awt.event.FocusEvent evt) {

jLabel4.setText("\*left the field empty if don't want to change");

}

private void jTextField1FocusLost(java.awt.event.FocusEvent evt) {

jLabel4.setText("");

}

private void jLabel6MouseClicked(java.awt.event.MouseEvent evt) {

MainForm mf2= new MainForm();

int nx=mf2.jPanel3.getX();

int ny=mf2.jPanel3.getY();

mf2.jPanel2.remove(mf2.jPanel2.getComponentAt(nx,ny));

mf2.jPanel2.add(new LoginForm(mf2)).setBounds(nx,ny,mf2.jPanel3.getWidth(),mf2.jPanel3.getHeight());

mf2.jPanel2.repaint();

mf2.jPanel2.updateUI();

mf2.setVisible(true);

this.dispose();

}

private void jLabel6MouseEntered(java.awt.event.MouseEvent evt) {

jLabel6.setCursor(java.awt.Cursor.getPredefinedCursor(java.awt.Cursor.HAND\_CURSOR));

}

private void jLabel6MouseExited(java.awt.event.MouseEvent evt) {

jLabel6.setCursor(java.awt.Cursor.getPredefinedCursor(java.awt.Cursor.DEFAULT\_CURSOR)); }

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break; }

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ChangeAuth1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ChangeAuth1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ChangeAuth1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ChangeAuth1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new ChangeAuth1().setVisible(true); }});

}

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JPasswordField jPasswordField2;

private javax.swing.JSeparator jSeparator1;

private javax.swing.JTextField jTextField1;

}