package home;

import com.mysql.jdbc.Connection;

import dbconnect.DataBaseHelper;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

public class LoginFrame extends javax.swing.JFrame {

public LoginFrame() {

initComponents();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

usernameTextField = new javax.swing.JTextField();

loginButton = new javax.swing.JButton();

passwordTextField = new javax.swing.JPasswordField();

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

setBackground(new java.awt.Color(255, 255, 255));

jLabel1.setText("Password");

jLabel2.setText("Username");

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

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

usernameTextFieldActionPerformed(evt);

}

});

loginButton.setText("Login");

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

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

loginButtonActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

.addContainerGap(76, Short.MAX\_VALUE)

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

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, 108, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(36, 36, 36)

.addComponent(passwordTextField, javax.swing.GroupLayout.PREFERRED\_SIZE, 170, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(159, 159, 159)

.addComponent(loginButton, javax.swing.GroupLayout.PREFERRED\_SIZE, 97, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

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

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

.addContainerGap(220, Short.MAX\_VALUE)

.addComponent(usernameTextField, javax.swing.GroupLayout.PREFERRED\_SIZE, 170, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap()))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap(67, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(42, 42, 42)

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

.addComponent(passwordTextField, javax.swing.GroupLayout.DEFAULT\_SIZE, 32, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(37, 37, 37)

.addComponent(loginButton, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(48, 48, 48))

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

.addGroup(layout.createSequentialGroup()

.addGap(68, 68, 68)

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

.addContainerGap(200, Short.MAX\_VALUE)))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void loginButtonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_loginButtonActionPerformed

// TODO add your handling code here:

String username = usernameTextField.getText().toString();

String password = passwordTextField.getText().toString();

if (username.equals("") || username == null || password.equals("") || password == null) {

JOptionPane.showMessageDialog(this, "Userame or password can not be empty");

} else {

DataBaseHelper baseHelper = DataBaseHelper.getDbCon();

Connection connection = baseHelper.conn;

if (connection == null) {

JOptionPane.showMessageDialog(this, "Error in establishing connection");

} else {

try {

String query = "select \* from login where username='" + username + "'and password = '" + password + "'";

ResultSet resultSet = baseHelper.getResult(query);

if (resultSet.next()) {

JOptionPane.showMessageDialog(this, "Login Successful");

new Main().setVisible(true);

this.dispose();

} else {

JOptionPane.showMessageDialog(this, "Login Failed");

usernameTextField.setText("");

passwordTextField.setText("");

}

} catch (Exception e) {

}

}

}

}//GEN-LAST:event\_loginButtonActionPerformed

private void usernameTextFieldActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_usernameTextFieldActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_usernameTextFieldActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see <http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html>

\*/

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(LoginFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new LoginFrame().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JButton loginButton;

private javax.swing.JPasswordField passwordTextField;

private javax.swing.JTextField usernameTextField;

// End of variables declaration//GEN-END:variables

}