**Front-End Code:**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication1;

import java.awt.Color;

import java.sql.\*;

import javax.swing.\*;

import javax.swing.table.\*;

/\*\*

\*

\* @author Reddy

\*/import java.awt.Color;

import java.awt.Dimension;

import javax.swing.JFrame;

import javax.swing.SwingUtilities;

public class NewJFrame extends javax.swing.JFrame {

long id;

/\*\*

\* Creates new form NewJFrame

\*/

public NewJFrame() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jPanel2 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jPasswordField1 = new javax.swing.JPasswordField();

jButton1 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jButton2 = new javax.swing.JButton();

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

setBackground(new java.awt.Color(0, 0, 0));

setForeground(java.awt.Color.black);

jPanel2.setBackground(new java.awt.Color(0, 0, 0));

jLabel1.setForeground(new java.awt.Color(240, 240, 240));

jLabel1.setText("Phone number");

jTextField1.addActionListener(new java.awt.event.ActionListener() {

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

jTextField1ActionPerformed(evt);

}

});

jLabel2.setForeground(new java.awt.Color(240, 240, 240));

jLabel2.setText("Password");

jButton1.setText("Login");

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

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

jButton1ActionPerformed(evt);

}

});

jLabel3.setIcon(new javax.swing.ImageIcon("C:\\Users\\Reddy\\Desktop\\ub.png")); // NOI18N

jLabel3.setText("UBER");

jRadioButton1.setBackground(new java.awt.Color(0, 0, 0));

jRadioButton1.setForeground(new java.awt.Color(240, 240, 240));

jRadioButton1.setText("Driver");

jRadioButton2.setBackground(new java.awt.Color(0, 0, 0));

jRadioButton2.setForeground(new java.awt.Color(240, 240, 240));

jRadioButton2.setText("Passenger");

jButton2.setText("Register?");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addGap(0, 205, Short.MAX\_VALUE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 288, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(95, 95, 95))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(76, 76, 76)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jLabel2))

.addGap(26, 26, 26)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 90, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 90, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(327, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

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

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jRadioButton1)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jRadioButton2)

.addGap(72, 72, 72)

.addComponent(jButton1)

.addGap(47, 47, 47)

.addComponent(jButton2)))

.addGap(119, 119, 119))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(20, 20, 20)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(19, 19, 19)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 20, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

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

.addComponent(jLabel2))

.addGap(23, 23, 23)

.addComponent(jRadioButton1)

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

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jRadioButton2)

.addGap(73, 73, 73))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1)

.addComponent(jButton2))

.addGap(63, 63, 63))))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 14, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addComponent(jPanel2, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

);

pack();

}// </editor-fold>

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

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

**//DefaultTableModel tm = (DefaultTableModel) jTable1.getModel();**

**try**

**{ Class.forName("oracle.jdbc.driver.OracleDriver");**

**String db = "jdbc:oracle:thin:@192.168.23.144:1521:orcl";**

**Connection con = DriverManager.getConnection(db,"cse3b12\_11","asdf5678");**

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

**System.out.println("connecction created");**

**id=Long.parseLong(jTextField1.getText());**

**String st="select password from client where phonenumber\_client="+id;**

**System.out.println(st);**

**String pa =jPasswordField1.getText();**

**ResultSet rs=stmt.executeQuery(st);**

**if(rs.next())**

**{**

**String pass=rs.getString("password");**

**System.out.println(pass);**

**if(pa.equals(pass))**

**{**

**JOptionPane.showMessageDialog(null,"Login Successful");**

**if(jRadioButton1.isSelected())**

**{**

**driver second=new driver();**

**this.dispose();**

**second.setVisible(true);**

**}**

**if(jRadioButton2.isSelected())**

**{**

**Client second=new Client();**

**this.dispose();**

**second.setVisible(true);**

**}**

**}**

**else**

**{**

**JOptionPane.showMessageDialog(null,"Username or Password Incorrect");**

**}**

**}**

**/\***

**String name;**

**int seats;**

**while(rs.next())**

**{**

**name = rs.getString("bus\_name");**

**System.out.println(name);**

**seats = rs.getInt("bus\_seats");**

**System.out.println(seats);**

**Object r[]={name,seats};**

**tm.addRow(r);**

**}**

**stmt.close();**

**con.close();**

**\*/**

**}**

**catch(Exception e)**

**{**

**JOptionPane.showMessageDialog(null,"error in connection");**

**}**

**}**

**private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {**

**// TODO add your handling code here:**

**if(jRadioButton1.isSelected())**

**{**

**registerDriver second=new registerDriver();**

**second.setVisible(true);**

**}**

**if(jRadioButton2.isSelected())**

**{**

**registerClient second=new registerClient();**

**second.setVisible(true);**

**}**

**}**

/\*\*

\* @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(NewJFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(NewJFrame.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 NewJFrame().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel2;

private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}