|  |
| --- |
| /\* |
|  | \* 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 studentmanagement; |
|  |  |
|  | import java.sql.Connection; |
|  | import java.sql.PreparedStatement; |
|  | import java.sql.ResultSet; |
|  | import java.sql.SQLException; |
|  | import java.sql.Statement; |
|  | import java.util.logging.Level; |
|  | import java.util.logging.Logger; |
|  | import javax.swing.JOptionPane; |
|  | import net.proteanit.sql.DbUtils; |
|  |  |
|  | /\*\* |
|  | \* |
|  | \* @author acer |
|  | \*/ |
|  | public class ViewRecords extends javax.swing.JFrame { |
|  |  |
|  | /\*\* |
|  | \* Creates new form ViewRecords |
|  | \*/ |
|  | public ViewRecords() { |
|  |  |
|  | setLocation(450,250); |
|  | setVisible(true); |
|  | initComponents(); |
|  |  |
|  | getAllData(); |
|  |  |
|  | } |
|  |  |
|  | @SuppressWarnings("unchecked") |
|  | // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents |
|  | private void initComponents() { |
|  |  |
|  | jLabel2 = new javax.swing.JLabel(); |
|  | divisionList = new javax.swing.JComboBox<>(); |
|  | jLabel3 = new javax.swing.JLabel(); |
|  | nameField = new javax.swing.JTextField(); |
|  | btnSearch = new javax.swing.JButton(); |
|  | btnAll = new javax.swing.JButton(); |
|  | insert = new javax.swing.JButton(); |
|  | jScrollPane2 = new javax.swing.JScrollPane(); |
|  | tableData = new javax.swing.JTable(); |
|  | jLabel1 = new javax.swing.JLabel(); |
|  | surnameList = new javax.swing.JComboBox<>(); |
|  |  |
|  | setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE); |
|  |  |
|  | jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N |
|  | jLabel2.setText("Division"); |
|  |  |
|  | divisionList.setForeground(new java.awt.Color(0, 102, 204)); |
|  | divisionList.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select Division", "A", "B", "C" })); |
|  | divisionList.addActionListener(new java.awt.event.ActionListener() { |
|  | public void actionPerformed(java.awt.event.ActionEvent evt) { |
|  | divisionListActionPerformed(evt); |
|  | } |
|  | }); |
|  |  |
|  | jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N |
|  | jLabel3.setText("Name"); |
|  |  |
|  | nameField.setForeground(new java.awt.Color(0, 153, 204)); |
|  | nameField.addActionListener(new java.awt.event.ActionListener() { |
|  | public void actionPerformed(java.awt.event.ActionEvent evt) { |
|  | nameFieldActionPerformed(evt); |
|  | } |
|  | }); |
|  |  |
|  | btnSearch.setBackground(new java.awt.Color(0, 102, 204)); |
|  | btnSearch.setForeground(new java.awt.Color(255, 255, 255)); |
|  | btnSearch.setText("Search"); |
|  | btnSearch.addActionListener(new java.awt.event.ActionListener() { |
|  | public void actionPerformed(java.awt.event.ActionEvent evt) { |
|  | btnSearchActionPerformed(evt); |
|  | } |
|  | }); |
|  |  |
|  | btnAll.setBackground(new java.awt.Color(0, 102, 204)); |
|  | btnAll.setForeground(new java.awt.Color(255, 255, 255)); |
|  | btnAll.setText("All"); |
|  | btnAll.addActionListener(new java.awt.event.ActionListener() { |
|  | public void actionPerformed(java.awt.event.ActionEvent evt) { |
|  | btnAllActionPerformed(evt); |
|  | } |
|  | }); |
|  |  |
|  | insert.setBackground(new java.awt.Color(0, 102, 255)); |
|  | insert.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N |
|  | insert.setForeground(new java.awt.Color(255, 255, 255)); |
|  | insert.setText("Add New"); |
|  | insert.addActionListener(new java.awt.event.ActionListener() { |
|  | public void actionPerformed(java.awt.event.ActionEvent evt) { |
|  | insertActionPerformed(evt); |
|  | } |
|  | }); |
|  |  |
|  | jScrollPane2.addMouseListener(new java.awt.event.MouseAdapter() { |
|  | public void mouseClicked(java.awt.event.MouseEvent evt) { |
|  | jScrollPane2MouseClicked(evt); |
|  | } |
|  | }); |
|  |  |
|  | tableData.setBackground(new java.awt.Color(0, 102, 255)); |
|  | tableData.setForeground(new java.awt.Color(255, 255, 255)); |
|  | tableData.setModel(new javax.swing.table.DefaultTableModel( |
|  | new Object [][] { |
|  | {}, |
|  | {}, |
|  | {}, |
|  | {} |
|  | }, |
|  | new String [] { |
|  |  |
|  | } |
|  | )); |
|  | tableData.addMouseListener(new java.awt.event.MouseAdapter() { |
|  | public void mouseClicked(java.awt.event.MouseEvent evt) { |
|  | tableDataMouseClicked(evt); |
|  | } |
|  | }); |
|  | jScrollPane2.setViewportView(tableData); |
|  |  |
|  | jLabel1.setText("Surname"); |
|  |  |
|  | surnameList.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { " Letter ", "A", "B", "C","D","E","F","G","H","I","J","K", |
|  | "L","M","N","O","P","Q","R","S","T","U","V","W","X","Y","Z"})); |
|  | surnameList.addActionListener(new java.awt.event.ActionListener() { |
|  | public void actionPerformed(java.awt.event.ActionEvent evt) { |
|  | surnameListActionPerformed(evt); |
|  | } |
|  | }); |
|  |  |
|  | javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane()); |
|  | getContentPane().setLayout(layout); |
|  | layout.setHorizontalGroup( |
|  | layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING) |
|  | .addGroup(layout.createSequentialGroup() |
|  | .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING) |
|  | .addGroup(layout.createSequentialGroup() |
|  | .addGap(16, 16, 16) |
|  | .addComponent(btnAll, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addGap(18, 18, 18) |
|  | .addComponent(jLabel1) |
|  | .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED) |
|  | .addComponent(surnameList, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE) |
|  | .addGap(17, 17, 17) |
|  | .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED) |
|  | .addComponent(divisionList, javax.swing.GroupLayout.PREFERRED\_SIZE, 56, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addGap(18, 18, 18) |
|  | .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED) |
|  | .addComponent(nameField, javax.swing.GroupLayout.PREFERRED\_SIZE, 104, javax.swing.GroupLayout.PREFERRED\_SIZE)) |
|  | .addGroup(layout.createSequentialGroup() |
|  | .addGap(42, 42, 42) |
|  | .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING) |
|  | .addComponent(insert, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE) |
|  | .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT\_SIZE, 456, Short.MAX\_VALUE)))) |
|  | .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED) |
|  | .addComponent(btnSearch, javax.swing.GroupLayout.PREFERRED\_SIZE, 69, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addGap(6, 6, 6)) |
|  | ); |
|  | layout.setVerticalGroup( |
|  | layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING) |
|  | .addGroup(layout.createSequentialGroup() |
|  | .addGap(34, 34, 34) |
|  | .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) |
|  | .addComponent(jLabel2) |
|  | .addComponent(divisionList, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addComponent(jLabel3) |
|  | .addComponent(nameField, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addComponent(btnSearch) |
|  | .addComponent(btnAll) |
|  | .addComponent(jLabel1) |
|  | .addComponent(surnameList, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)) |
|  | .addGap(28, 28, 28) |
|  | .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 263, javax.swing.GroupLayout.PREFERRED\_SIZE) |
|  | .addGap(18, 18, 18) |
|  | .addComponent(insert) |
|  | .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)) |
|  | ); |
|  |  |
|  | pack(); |
|  | }// </editor-fold>//GEN-END:initComponents |
|  |  |
|  | private void btnAllActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnAllActionPerformed |
|  | // TODO add your handling code here: |
|  |  |
|  | getAllData(); |
|  |  |
|  |  |
|  |  |
|  | }//GEN-LAST:event\_btnAllActionPerformed |
|  |  |
|  | private void nameFieldActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_nameFieldActionPerformed |
|  | // TODO add your handling code here: |
|  | }//GEN-LAST:event\_nameFieldActionPerformed |
|  |  |
|  | private void divisionListActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_divisionListActionPerformed |
|  | // TODO add your handling code here: |
|  |  |
|  |  |
|  | if(divisionList.getSelectedIndex()>0) |
|  | { |
|  | String div= (String) divisionList.getSelectedItem(); |
|  |  |
|  |  |
|  | Connection con=null; |
|  | PreparedStatement statement; |
|  | ResultSet result; |
|  |  |

|  |
| --- |
| try { |
|  | con=DBConnection.connection(); |
|  |  |
|  | String sql="SELECT \* FROM STUDENT\_DETAIL WHERE DIVISION = ?"; |
|  | statement=con.prepareStatement(sql); |
|  | statement.setString(1, div); |
|  | result=statement.executeQuery(); |
|  |  |
|  | tableData.setModel(DbUtils.resultSetToTableModel(result)); |
|  |  |
|  | } catch (SQLException ex) { |
|  | Logger.getLogger(ViewRecords.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  |  |
|  | } |
|  | }//GEN-LAST:event\_divisionListActionPerformed |
|  |  |
|  | private void btnSearchActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnSearchActionPerformed |
|  | // TODO add your handling code here: |
|  |  |
|  | String name=nameField.getText(); |
|  |  |
|  | if(name.isEmpty()) |
|  | { |
|  | JOptionPane.showMessageDialog(null,"Enter Search Field", "Search Empty",JOptionPane.ERROR\_MESSAGE); |
|  | return; |
|  | } |
|  | Connection con=null; |
|  | PreparedStatement statement; |
|  | ResultSet result; |
|  |  |
|  | try { |
|  | con=DBConnection.connection(); |
|  |  |
|  | String sql="SELECT \* FROM STUDENT\_DETAIL WHERE FIRST\_NAME= ?"; |
|  |  |
|  | statement=con.prepareStatement(sql); |
|  | statement.setString(1,name); |
|  | result=statement.executeQuery(); |
|  |  |
|  | tableData.setModel(DbUtils.resultSetToTableModel(result)); |
|  |  |
|  | } catch (SQLException ex) { |
|  | Logger.getLogger(ViewRecords.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  |  |
|  | }//GEN-LAST:event\_btnSearchActionPerformed |
|  |  |
|  | private void jScrollPane2MouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jScrollPane2MouseClicked |
|  | // TODO add your handling code here: |
|  | }//GEN-LAST:event\_jScrollPane2MouseClicked |
|  |  |
|  | private void tableDataMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_tableDataMouseClicked |
|  | // TODO add your handling code here: |
|  |  |
|  | int row=tableData.getSelectedRow(); |
|  |  |
|  | String ROLL\_NO=tableData.getModel().getValueAt(row, 0).toString(); |
|  | System.out.println(ROLL\_NO); |
|  |  |
|  | dispose(); |
|  | try { |
|  | StudentDetail std=new StudentDetail(ROLL\_NO); |
|  | } catch (SQLException ex) { |
|  | Logger.getLogger(ViewRecords.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  |  |
|  |  |
|  | }//GEN-LAST:event\_tableDataMouseClicked |
|  |  |
|  | private void surnameListActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_surnameListActionPerformed |
|  | // TODO add your handling code here: |
|  |  |
|  | if(surnameList.getSelectedIndex()>0){ |
|  |  |
|  | String letter=(String) surnameList.getSelectedItem(); |
|  |  |
|  |  |
|  | try { |
|  | Connection con=DBConnection.connection(); |
|  | Statement statement=con.createStatement(); |
|  |  |
|  | String SQL="SELECT \* FROM STUDENT\_DETAIL WHERE LAST\_NAME LIKE '"+letter+"%'"; |
|  |  |
|  | ResultSet result=statement.executeQuery(SQL); |
|  |  |
|  | tableData.setModel(DbUtils.resultSetToTableModel(result)); |
|  |  |
|  |  |
|  | } catch (SQLException ex) { |
|  | Logger.getLogger(ViewRecords.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  | } |
|  |  |
|  | }//GEN-LAST:event\_surnameListActionPerformed |
|  |  |
|  | private void insertActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_insertActionPerformed |
|  | // TODO add your handling code here: |
|  | dispose(); |
|  |  |
|  | InsertRecord insert=new InsertRecord(); |
|  | }//GEN-LAST:event\_insertActionPerformed |
|  |  |
|  |  |
|  |  |
|  | // Variables declaration - do not modify//GEN-BEGIN:variables |
|  | private javax.swing.JButton btnAll; |
|  | private javax.swing.JButton btnSearch; |
|  | private javax.swing.JComboBox<String> divisionList; |
|  | private javax.swing.JButton insert; |
|  | private javax.swing.JLabel jLabel1; |
|  | private javax.swing.JLabel jLabel2; |
|  | private javax.swing.JLabel jLabel3; |
|  | private javax.swing.JScrollPane jScrollPane2; |
|  | private javax.swing.JTextField nameField; |
|  | private javax.swing.JComboBox<String> surnameList; |
|  | private javax.swing.JTable tableData; |
|  | // End of variables declaration//GEN-END:variables |
|  |  |
|  | private void getAllData() { |
|  |  |
|  | Connection con=null; |
|  | Statement statement; |
|  | ResultSet result; |
|  |  |
|  | try { |
|  | con=DBConnection.connection(); |
|  |  |
|  | String sql="SELECT \* FROM STUDENT\_DETAIL"; |
|  | statement=con.createStatement(); |
|  | result=statement.executeQuery(sql); |
|  |  |
|  | tableData.setModel(DbUtils.resultSetToTableModel(result)); |
|  |  |
|  | } catch (SQLException ex) { |
|  | Logger.getLogger(ViewRecords.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  |  |
|  |  |
|  | } |
|  | } |