Package hospital\_management\_sys;

import java.sql.\*;

import javax.swing.JOptionPane;

import java.lang.Exception;

import java.text.SimpleDateFormat;

import java.util.\*;

import net.proteanit.sql.DbUtils;

public class Bill extends javax.swing.JFrame {

PreparedStatement p;

ResultSet r=null;

Connection con;

/\*\*

\* Creates new form Bill

\*/

public Bill() {

con=connect.Connect();

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">//GEN-BEGIN:initComponents

private void initComponents() {

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

txt = new javax.swing.JTextField();

jButton3 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

tab = new javax.swing.JTable();

txt2 = new javax.swing.JTextField();

jButton4 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();

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

setTitle("Bill");

jButton1.setFont(new java.awt.Font("Arial", 0, 14)); // NOI18N

jButton1.setText("Logout");

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

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

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Arial", 0, 14)); // NOI18N

jButton2.setText("Home");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Arial", 0, 24)); // NOI18N

jLabel1.setForeground(new java.awt.Color(0, 0, 153));

jLabel1.setText("BILL");

txt.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

txt.setText("P\_ID");

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

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

txtMouseClicked(evt);

}

});

jButton3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jButton3.setText("View");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

jButton3ActionPerformed(evt);

}

});

tab.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{null, null, null, null},

{null, null, null, null},

{null, null, null, null},

{null, null, null, null}

},

new String [] {

"Title 1", "Title 2", "Title 3", "Title 4"

}

));

jScrollPane1.setViewportView(tab);

txt2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

txt2.setText("Other Charges");

txt2.addMouseListener(new java.awt.event.MouseAdapter() {

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

txt2MouseClicked(evt);

}

});

jButton4.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jButton4.setText("Get BILL");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

jButton4ActionPerformed(evt);

}

});

jButton5.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jButton5.setText("Update");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

jButton5ActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jButton2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 70, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(245, 245, 245)

.addComponent(jButton1)

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(237, 237, 237)

.addComponent(txt, javax.swing.GroupLayout.PREFERRED\_SIZE, 159, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 87, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

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

.addContainerGap(49, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 656, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(45, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(251, 251, 251)

.addComponent(txt2, javax.swing.GroupLayout.PREFERRED\_SIZE, 161, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 95, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton5)

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

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

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

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

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(txt, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 289, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(38, 38, 38)

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

.addComponent(txt2, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(82, Short.MAX\_VALUE))

);

pack();

setLocationRelativeTo(null);

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

connect.logout();

dispose();

}//GEN-LAST:event\_jButton1ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton2ActionPerformed

new home().setVisible(true);

dispose();

}//GEN-LAST:event\_jButton2ActionPerformed

private void txt2MouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_txt2MouseClicked

txt2.setText("");

}//GEN-LAST:event\_txt2MouseClicked

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton3ActionPerformed

try{

p=con.prepareStatement("select BILL\_ID,ROOM\_COST,TREATMENT\_COST,OTHER\_COST,(ROOM\_COST+TREATMENT\_COST+OTHER\_COST) as TOTAL from bill where BILL\_ID=?");

p.setString(1,txt.getText());

if(p.execute())

{

r=p.executeQuery();

tab.setModel(DbUtils.resultSetToTableModel(r));

}

else

{JOptionPane.showMessageDialog(null,"Not Yet Billed"); }

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e);

new Bill().setVisible(true);

dispose();

}

}//GEN-LAST:event\_jButton3ActionPerformed

private void txtMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_txtMouseClicked

txt.setText("");

}//GEN-LAST:event\_txtMouseClicked

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton4ActionPerformed

try{

long rcost = 0;

long tcost = 0;

long ocost;

p=con.prepareStatement("select sum(t.NO\_OF\_DAYS\*r.RENT) as cost from treated\_in t,room r where t.ROOM\_NO=r.ROOM\_NO and P\_ID=? group by P\_ID");

p.setString(1,txt.getText());

r=p.executeQuery();

if(r.next()){rcost=r.getLong("cost");}

r=null;

p=con.prepareStatement("select sum(COST) as cost from done\_by d,treatments t where t.T\_ID=d.T\_ID and P\_ID=? group by P\_ID");

p.setString(1,txt.getText());

r=p.executeQuery();

if(r.next()){tcost=r.getLong("cost");}

r=null;

p=con.prepareStatement("insert into bill values(?,?,?,?)");

p.setString(1,txt.getText());

p.setLong(2,rcost);

p.setLong(3,tcost);

p.setLong(4,Long.parseLong(txt2.getText()));

p.executeUpdate();

JOptionPane.showMessageDialog(null,"Bill Generated");

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e);

new home().setVisible(true);

dispose();

}

}//GEN-LAST:event\_jButton4ActionPerformed

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton5ActionPerformed

try{

long rcost = 0;

long tcost = 0;

long ocost;

p=con.prepareStatement("select sum(t.NO\_OF\_DAYS\*r.RENT) as cost from treated\_in t,room r where t.ROOM\_NO=r.ROOM\_NO and P\_ID=? group by P\_ID");

p.setString(1,txt.getText());

r=p.executeQuery();

if(r.next()){rcost=r.getLong("cost");}

r=null;

p=con.prepareStatement("select sum(COST) as cost from done\_by d,treatments t where t.T\_ID=d.T\_ID and P\_ID=? group by P\_ID");

p.setString(1,txt.getText());

r=p.executeQuery();

if(r.next()){tcost=r.getLong("cost");}

r=null;

p=con.prepareStatement("update bill set ROOM\_COST=?, TREATMENT\_COST=?, OTHER\_COST=? where BILL\_ID=?");

p.setLong(1,rcost);

p.setLong(2,tcost);

p.setLong(3,Long.parseLong(txt2.getText()));

p.setString(4,txt.getText());

p.executeUpdate();

JOptionPane.showMessageDialog(null,"Bill Updated");

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e);

new home().setVisible(true);

dispose();

}

}//GEN-LAST:event\_jButton5ActionPerformed

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

});

}

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

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable tab;

private javax.swing.JTextField txt;

private javax.swing.JTextField txt2;

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

}