import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.DefaultComboBoxModel;

import javax.swing.JOptionPane;

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* discharge.java

\*

\* Created on Oct 21, 2010, 4:58:59 PM

\*/

/\*\*

\*

\* @author dell

\*/

public class discharge extends javax.swing.JFrame {

/\*\* Creates new form discharge \*/

public discharge() {

initComponents();

fillcombo();

}

void fillcombo()

{ try{

Class.forName("java.sql.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital","root","root");

Statement stmt = con.createStatement();

String sql;

sql = "Select name from staff";

ResultSet rst = stmt.executeQuery(sql);

DefaultComboBoxModel dc = (DefaultComboBoxModel) cbdoc.getModel();

while (rst.next())

{ dc.addElement(rst.getString(1));

}

cbdoc.setModel(dc);

rst.close();

stmt.close();

con.close();

}

catch(Exception e)

{JOptionPane.showMessageDialog(null, e.getMessage());

}

}

/\*\* 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() {

buttonGroup1 = new javax.swing.ButtonGroup();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

rbmale = new javax.swing.JRadioButton();

rbfemale = new javax.swing.JRadioButton();

admnotf = new javax.swing.JTextField();

admdatetf = new javax.swing.JTextField();

patientnmtf = new javax.swing.JTextField();

agetf = new javax.swing.JTextField();

diseasetf = new javax.swing.JTextField();

bednotf = new javax.swing.JTextField();

wardtf = new javax.swing.JTextField();

cbdoc = new javax.swing.JComboBox();

jLabel9 = new javax.swing.JLabel();

dischargedatetf = new javax.swing.JTextField();

showdatabutton = new javax.swing.JButton();

dischargebutton = new javax.swing.JButton();

clearbutton = new javax.swing.JButton();

exitbutton = new javax.swing.JButton();

jLabel10 = new javax.swing.JLabel();

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

jLabel1.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel1.setText("Admit No.");

jLabel2.setFont(new java.awt.Font("Gabriola", 1, 18)); // NOI18N

jLabel2.setText("Admit Date");

jLabel3.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel3.setText("Patient Name");

jLabel4.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel4.setText("Age");

jLabel5.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel5.setText("Disease");

jLabel6.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel6.setText("Doctor Treating");

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

jLabel7.setText("Ward");

jLabel8.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel8.setText("Bed No.");

buttonGroup1.add(rbmale);

rbmale.setFont(new java.awt.Font("Gabriola", 1, 18)); // NOI18N

rbmale.setText("Male");

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

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

rbmaleActionPerformed(evt);

}

});

buttonGroup1.add(rbfemale);

rbfemale.setFont(new java.awt.Font("Gabriola", 1, 18)); // NOI18N

rbfemale.setText("Female");

admnotf.setEditable(false);

admdatetf.setEditable(false);

patientnmtf.setEditable(false);

agetf.setEditable(false);

diseasetf.setEditable(false);

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

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

diseasetfActionPerformed(evt);

}

});

bednotf.setEditable(false);

wardtf.setEditable(false);

jLabel9.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel9.setText("Discharge Date");

showdatabutton.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

showdatabutton.setText("Show Data");

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

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

showdatabuttonActionPerformed(evt);

}

});

dischargebutton.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

dischargebutton.setText("Discharge");

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

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

dischargebuttonActionPerformed(evt);

}

});

clearbutton.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

clearbutton.setText("Clear");

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

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

clearbuttonActionPerformed(evt);

}

});

exitbutton.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

exitbutton.setText("Exit");

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

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

exitbuttonActionPerformed(evt);

}

});

jLabel10.setFont(new java.awt.Font("Monotype Corsiva", 1, 24)); // NOI18N

jLabel10.setText("Patient Discharge Form");

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()

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

.addComponent(jLabel8)

.addGroup(layout.createSequentialGroup()

.addComponent(showdatabutton)

.addGap(14, 14, 14)

.addComponent(dischargebutton)

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

.addComponent(clearbutton)

.addGap(18, 18, 18)

.addComponent(exitbutton))

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED\_SIZE, 248, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

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

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

.addComponent(jLabel9)

.addGap(18, 18, 18)

.addComponent(dischargedatetf, javax.swing.GroupLayout.DEFAULT\_SIZE, 173, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

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

.addComponent(jLabel1)

.addComponent(jLabel3)

.addComponent(jLabel4)

.addComponent(jLabel5)

.addComponent(jLabel6)

.addComponent(jLabel7))

.addGap(18, 18, 18)

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

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

.addComponent(wardtf, javax.swing.GroupLayout.DEFAULT\_SIZE, 170, Short.MAX\_VALUE)

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

.addComponent(bednotf, javax.swing.GroupLayout.DEFAULT\_SIZE, 170, Short.MAX\_VALUE)

.addComponent(admnotf, javax.swing.GroupLayout.DEFAULT\_SIZE, 170, Short.MAX\_VALUE))

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

.addComponent(patientnmtf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(agetf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(diseasetf, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 170, Short.MAX\_VALUE)))))

.addGap(33, 33, 33)

.addComponent(jLabel2)

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

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(admdatetf, javax.swing.GroupLayout.PREFERRED\_SIZE, 174, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(2, 2, 2)

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

.addComponent(rbfemale)

.addComponent(rbmale))))

.addGap(146, 146, 146)))

.addContainerGap())

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

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

.addComponent(jLabel1)

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

.addComponent(jLabel2)

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

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

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

.addComponent(jLabel3)

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

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

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

.addComponent(jLabel4)

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

.addComponent(rbmale))

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

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

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

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

.addComponent(jLabel5)

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

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

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

.addComponent(jLabel6)

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

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

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

.addComponent(jLabel7)

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

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

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

.addComponent(jLabel8)

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

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

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

.addComponent(jLabel9)

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 31, Short.MAX\_VALUE)

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

.addComponent(showdatabutton)

.addComponent(dischargebutton)

.addComponent(clearbutton)

.addComponent(exitbutton))

.addGap(26, 26, 26))

.addGroup(layout.createSequentialGroup()

.addComponent(rbfemale)

.addContainerGap())))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

try{Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital","root","root");

Statement stmt=con.createStatement();

String sql,admno,gender;

admno=JOptionPane.showInputDialog(this,"Enter Admit No. to Discharge");

sql = "select \* from patient where admit\_no="+admno;

ResultSet rst = stmt.executeQuery(sql);

if(rst.next()==false)

JOptionPane.showMessageDialog(null,"Invalid admit no.,Please try again");

else

admnotf.setText(rst.getString("admit\_no"));

admdatetf.setText(rst.getString("admit\_date"));

patientnmtf.setText(rst.getString("patient\_name"));

agetf.setText(rst.getString("age"));

diseasetf.setText(rst.getString("disease"));

wardtf.setText(rst.getString("ward"));

bednotf.setText(rst.getString("bed\_no"));

dischargedatetf.setText(rst.getString("discharge\_date"));

gender=rst.getString("gender");

if(gender.equalsIgnoreCase("male"))

rbmale.setSelected(true);

else if(gender.equalsIgnoreCase("female"))

rbfemale.setSelected(true);

rst.close();

stmt.close();

con.close();

}

catch(Exception e)

{JOptionPane.showMessageDialog(null,e.getMessage());}

}

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

// TODO add your handling code here:

this.dispose();

}

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

// TODO add your handling code here:

try{Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital","root","root");

Statement stmt=con.createStatement();

String sql,admno,sql1,dischargedate;

dischargedate=dischargedatetf.getText();

admno = admnotf.getText();

if(admno.equals(""))

JOptionPane.showMessageDialog(null,"Admit no. is empty,Kindly click Show Data");

else

{sql1 = "select admit\_no from bill where admit\_no="+admno+";";

ResultSet rst = stmt.executeQuery(sql1);

if (rst.next() == true)

{

sql = "update patient set discharge\_date='"+dischargedate+"' where admit\_no="+admno+";";

stmt.executeUpdate(sql);

JOptionPane.showMessageDialog(null,"Patient Discharged");

admnotf.setText("");

admdatetf.setText("");

patientnmtf.setText("");

agetf.setText("");

diseasetf.setText("");

wardtf.setText("");

bednotf.setText("");

dischargedatetf.setText("");

}

else

{

JOptionPane.showMessageDialog(null,"First Generate Bill before discharge");

}

rst.close();

}

stmt.close();

con.close();

}

catch(Exception e)

{JOptionPane.showMessageDialog(null,e.getMessage());}

}

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

// TODO add your handling code here:

admnotf.setText("");

admdatetf.setText("");

patientnmtf.setText("");

agetf.setText("");

diseasetf.setText("");

wardtf.setText("");

bednotf.setText("");

dischargedatetf.setText("");

}

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

// TODO add your handling code here:

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

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

public void run() {

new discharge().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField admdatetf;

private javax.swing.JTextField admnotf;

private javax.swing.JTextField agetf;

private javax.swing.JTextField bednotf;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JComboBox cbdoc;

private javax.swing.JButton clearbutton;

private javax.swing.JButton dischargebutton;

private javax.swing.JTextField dischargedatetf;

private javax.swing.JTextField diseasetf;

private javax.swing.JButton exitbutton;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

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.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JTextField patientnmtf;

private javax.swing.JRadioButton rbfemale;

private javax.swing.JRadioButton rbmale;

private javax.swing.JButton showdatabutton;

private javax.swing.JTextField wardtf;

// End of variables declaration

}