**A**

**PROJECT REPORT**

**ON**

**HOSPITAL MANANAGEMENT SYSTEM**

For

**Submitted**

**By**

( Invictus Team | Simple (Fu Ke) Harmmour (Yue Conghan) Cloud (Chen Zhenyang) Hunter (Xu Haojie))

Roll No. | Date

**Internal Guide External**

**Mr. Ashok Mr. Ashok**

**Head of IT Department Head of Computer Science**

**HUN NIIT**





[***Indian Institute of Technology Delhi***](http://www.iitd.ac.in/)

**PROJECT INDEX**

|  |  |  |
| --- | --- | --- |
| S no. | Particulars | Page no. |
| 1 | About the hospital management | 1 |
| 2 | Certificate | 3 |
| 3 | Acknowledgement | 4 |
| 4 | Team description and overview | 5 |
| 5 | Database design | 6-7 |
| 6 | Case diagram | 8 |
| 7 | Function of frame | 9-11 |
| 8 | Advantages and disadvantages | 11 |
| 9 | **Snapshots**  Register Module（Patient）  Register Module（Doctor）  Hospital Admission Module | 12-14  15-16  17-21 |
| 10 | **Source code of**  JDBC  Welcome  Doctor\_Login  Doctor\_Manager  Doctor\_Register  Addmission\_Registration  Patient  Patient\_Login  Patient\_Register  Personal\_Info  Registration  DBClass  Doctor\_BedManagement  Doctor\_UpdateRegistration  Hospital\_Management  Patient\_BedManagement  Patient\_Photo  Patient\_Registration | 21-148 |

**CERTIFICATE**

This is certify that this report, titled hospital management embodies the original work done by Simple (Fu Ke) Harmmour (Yue Conghan) Cloud (Chen Zhenyang) Hunter (Xu Haojie) in partial fulfillment of the course requirement at NIIT.

**Coordinator: Mr. Ashok, Mr. Liu.**

**ACKNOWLEDGEMENT**

Date:2019-5-23

This topic was carefully guided by Mr. Ashok and Mr. Liu in the course of topic selection and research. Professor Ashock asked us many times about the research process, and pointed out the labyrinth for us, helped us to open up research ideas, carefully allocated and enthusiastically encouraged. Mr. Liu and Mr. Ashok's meticulous style, rigorous and realistic attitude and down-to-earth spirit not only teach me literature, but also teach me how to be a man. Although it lasted for one year, they have benefited a lot for life. It is impossible to express our gratitude to Mr. Liu and Mr. Ashok in words. Thank you, Mr. Liu and Mr. Ashok, for our education and training. They carefully guide our study and research. Here, we want to express our sincere thanks to all teachers. The School of Computer and Cyberspace Security of Hainan University provides us with a good learning and research environment. Finally, I would like to thank all the teachers in our school for their hard work this year.

**TEAM DESCRIPTION & OVERVIEW**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Team Name** | **Group Topic** | **S.R** | **Name(CN)** | **Name(PinYin)** | **Name(En)** |
| Invictus Team | Hospital Management | R8J9400172 | 岳琮涵 | Yue Conghan | Harmmour |
| R8J9400167 | 徐豪杰 | Xu Haojie | Hunter |
| R8J9400168 | 陈震洋 | Chen Zhenyang | Cloud |
| R8J9400165 | 付珂 | Fu Ke | Simple |

With the increasing number of patients over the world, there should be a hospital management system to manage the thousands of patients easier.

As for our hospital system, it has both patient and doctor two part respectively. As for doctor, he can register his information and have an id card and password. After login, he can manage patients’ register and make a prescription. He can also manage patients’ admission such as admission registration, update and delete patient information, add a photo with patients. Finally, he can have an inpatient management.

As for patient, he can register his information and have an id card and password. After login, he can have a registration, check his information and have an admission registration.

There is a connection to database so that you can store and manage your data easily.

Operating Environment

NetBeans IDE 7.4

MySQL Workbench 6.0

**PROJECT REPORT**

**HOSPITAL MANANAGEMENT**

**SYSTEM**

**Database Design**

The whole project is in fact an information management system, which interacts with the database having a number of tables. The tables with their column names and data type are as follows.

|  |  |  |  |
| --- | --- | --- | --- |
| DOCTOR | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| id | varchar(18) | NO | PRI |
| password | varchar(20) | YES |  |
| sex | varchar(5) | YES |  |
| department | varchar(100) | YES |  |
| doctor\_name | varchar(100) | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
| PATIENT | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| idcard | varchar(20) | NO | PRI |
| name | varchar(20) | YES |  |
| age | int(11) | YES |  |
| sex | varchar(10) | YES |  |
| dob | date | YES |  |
| cellphone | varchar(20) | YES |  |
| department | varchar(20) | YES |  |
| doa | date | YES |  |
| doctor | varchar(20) | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
| PATIENT\_INFO | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| ptime | timestamp | NO |  |
| reginum | int(11) | NO | PRI |
| id | varchar(18) | YES |  |
| name | varchar(20) | YES |  |
| sex | varchar(5) | YES |  |
| illness | varchar(30) | YES |  |
| Medicine | varchar(50) | YES |  |
| method | varchar(200) | YES |  |
| doctor\_name | varchar(100) | YES |  |
| doctor\_department | varchar(100) | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
| PHOTO | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| idcard | varchar(20) | YES | MUL |
| picture | longblob | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
| PATIENT\_USER | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| id | varchar(18) | NO | PRI |
| password | varchar(20) | YES |  |
| sex | varchar(5) | YES |  |
| name | varchar(20) | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
| BED | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| age | int(11) | YES |  |
| cellphone | varchar(20) | YES |  |
| department | varchar(20) | YES |  |
| doa | date | YES |  |
| dob | date | YES |  |
| doctor | varchar(20) | YES |  |
| idcard | varchar(20) | NO | PRI |
| name | varchar(20) | YES |  |
| sex | varchar(10) | YES |  |

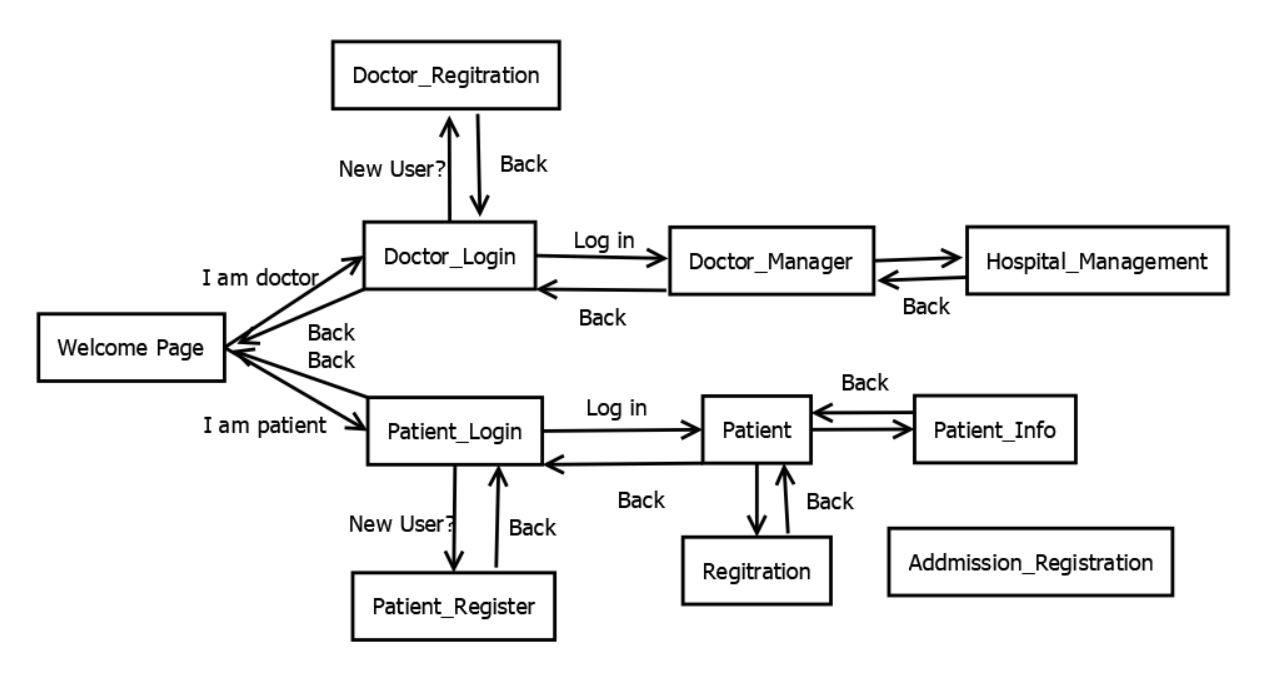
|  |  |  |  |
| --- | --- | --- | --- |
| PRESENT\_DOCTOR | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| idx | int(11) | NO | PRI |
| present\_id | varchar(18) | YES |  |
| present\_pw | varchar(20) | YES |  |
| present\_sex | varchar(5) | YES |  |
| present\_department | varchar(100) | YES |  |
| present\_doctor\_name | varchar(100) | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
| PRESENT | | | |
| **Field Name** | **Data Type** | **Null** | **Key** |
| idx | int(11) | NO | PRI |
| present\_id | varchar(18) | YES |  |
| present\_pw | varchar(20) | YES |  |
| present\_name | varchar(20) | YES |  |
| present\_sex | varchar(5) | YES |  |

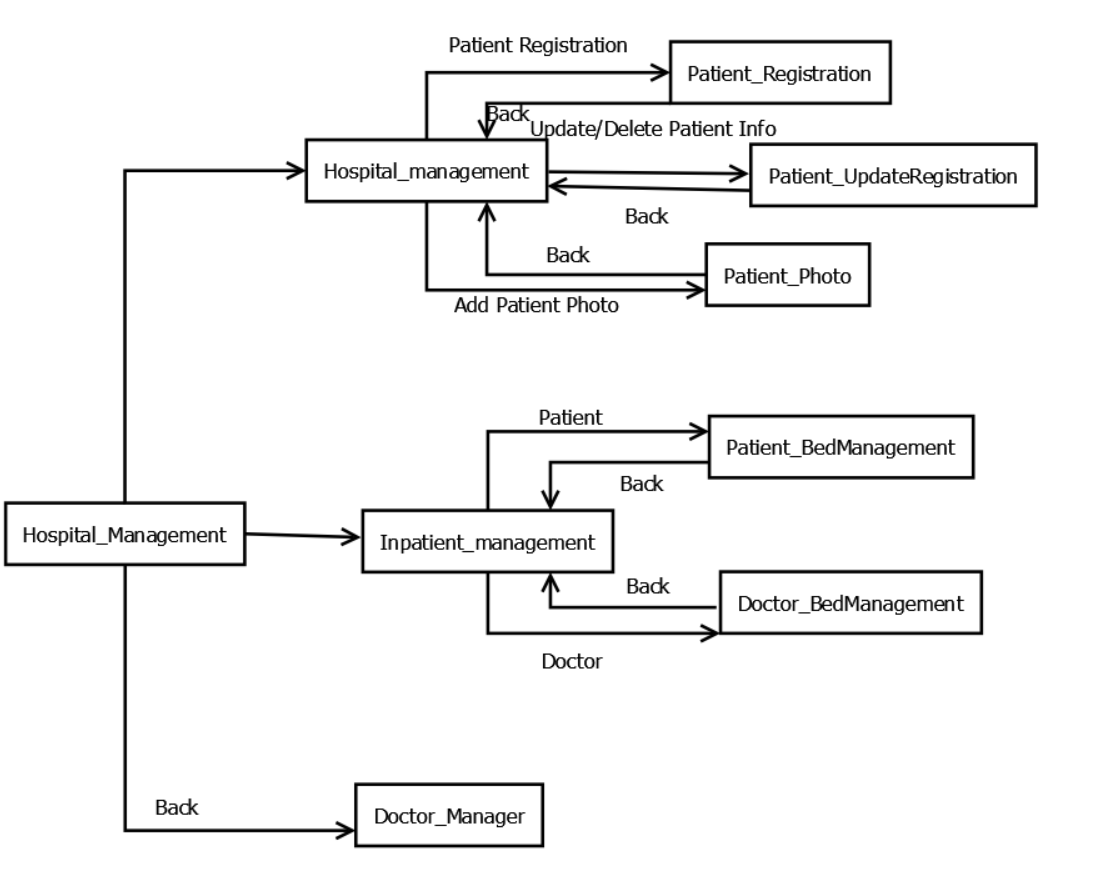
|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Case Diagram**

**Register Module:**



**Hospital Admission Module:**



**Function Of Frame:**

# Welcome

This is the starting interface, the button to achieve the function of the page of jump.

# Doctor\_Login

The login page allows you to log in to your doctor's account, or you can choose to create a new account.

# Doctor\_Manager

Doctors are able to select patients to register with them, usually in timely order. After selecting, doctor can edit the patient's illness, prescription, and prescription instructions, click submit to change the patient information and complete the registration of the patient. Doctors can also choose the function of inpatient management to manage the information of the patients who have been or will be hospitalized.

# Doctor\_Register

Fill in the relevant information and click submit to register as a new doctor.

# Patient\_Login

The login page allows you to log in to your patient's account, or you can choose to create a new account.

# Patient\_Register

Fill in the relevant information and click submit to register as a new patient.

# Patient

You can choose to register and view your personal information, or you can choose to apply for hospitalization.

# Personal\_Info

Check the patient's basic information, such as name, gender, registration time, registration, medical record, etc.

# Registration

After the selection of departments and doctors submitted can be registered and get registration number.

# Addmission\_Registration

Fill in the relevant information and click submit to complete hospital registration.

# Hospital\_Management

The doctor manages the patient's inpatient information. As a menu, the ability to select various functions to manage hospital information.

# Doctor\_UpdateRegistration

The doctor can select a patient and modify his personal information.

# Patient\_ Registration

A doctor can help a patient register for hospital admission.

# Patient\_Photo

A doctor can help a patient submit a photo.

# Patient\_BedManagement

A doctor can help a patient choose a bed (of course, the choice of a bed can be discussed by the doctor and the patient, not the doctor).

# Doctor\_BedManagement

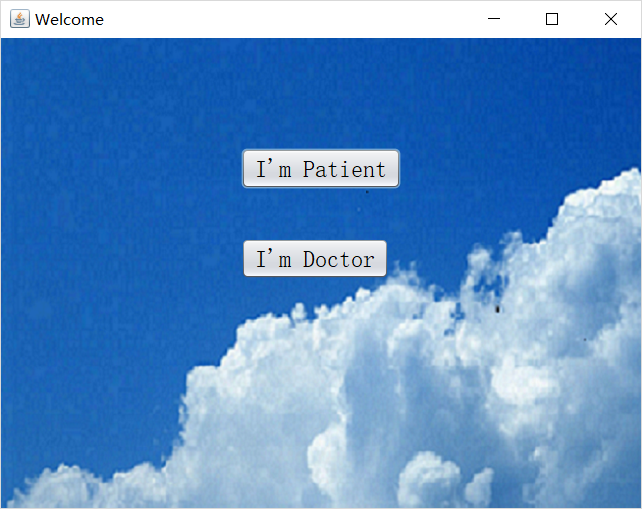
The doctor can check the patient's bed information.

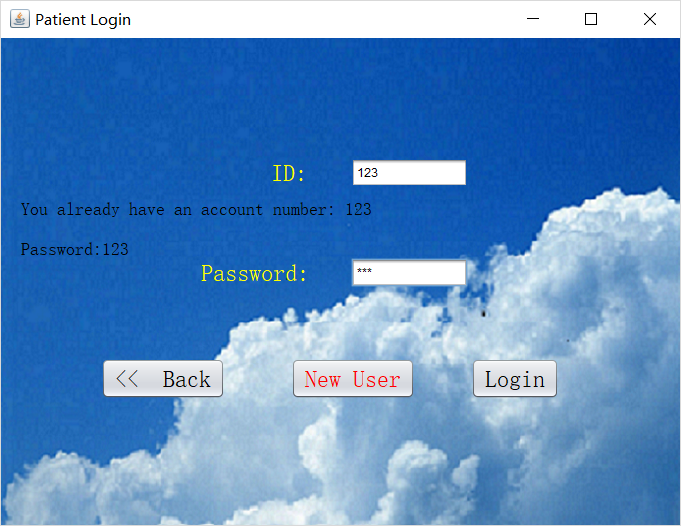
**Advantages and Disadvantages**

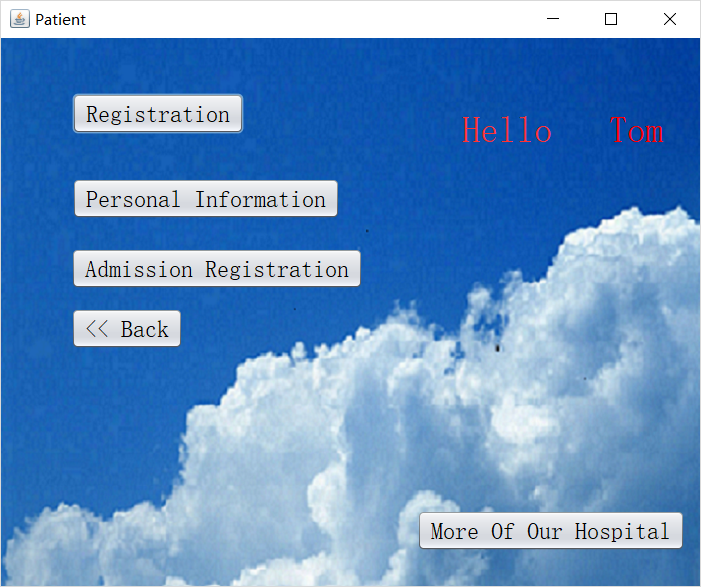
**Advantages:** The software is relatively simple and easy to operate. We have made two different systems for differentiating patients from doctors. The function is relatively comprehensive. On the basis of registrable patients, it also provides the function of choosing a bed.

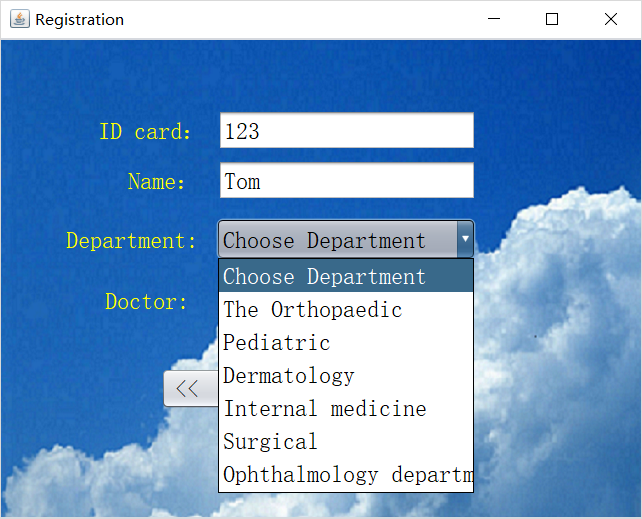
**Disadvantage:** Software is relatively single, not aesthetic. Most importantly, our software can only support one person online at the same time, we don’t have the function of multi-threading, that’s means we can’t support multiple people to use the software at the same time.

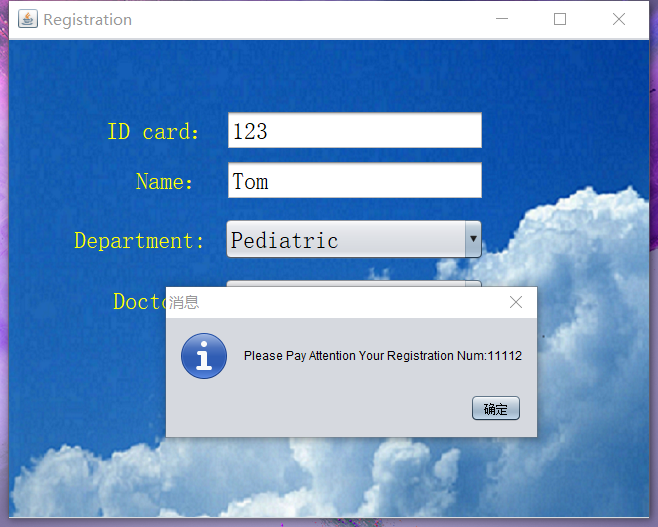
**Register Module（Patient）:**

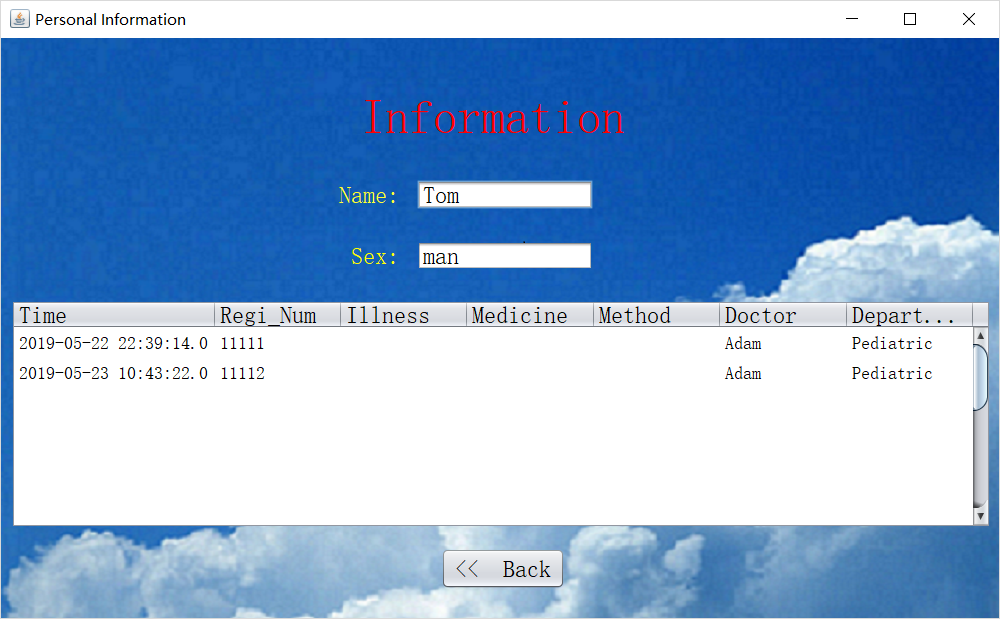




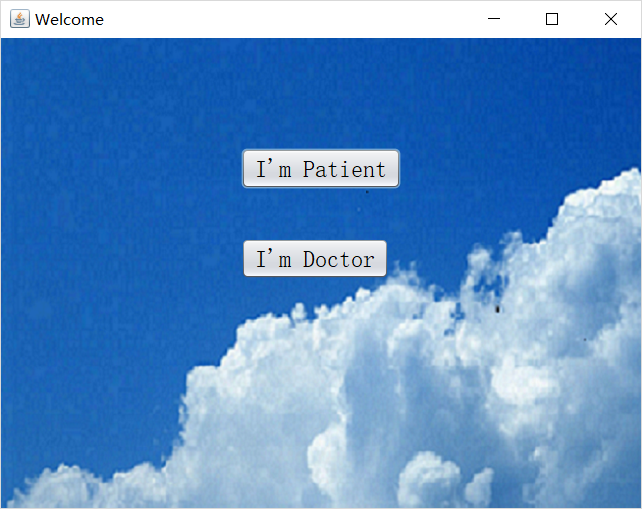


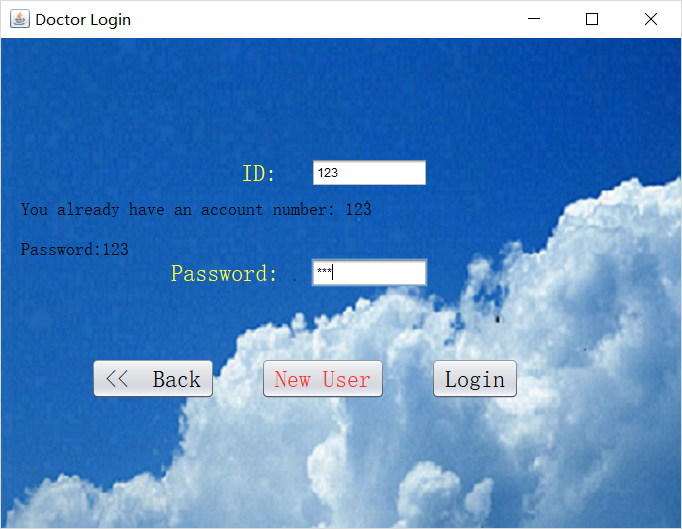


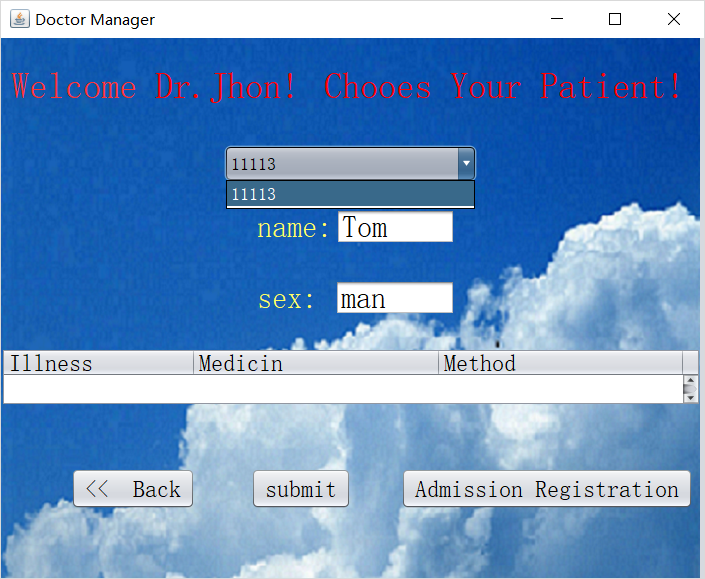
****

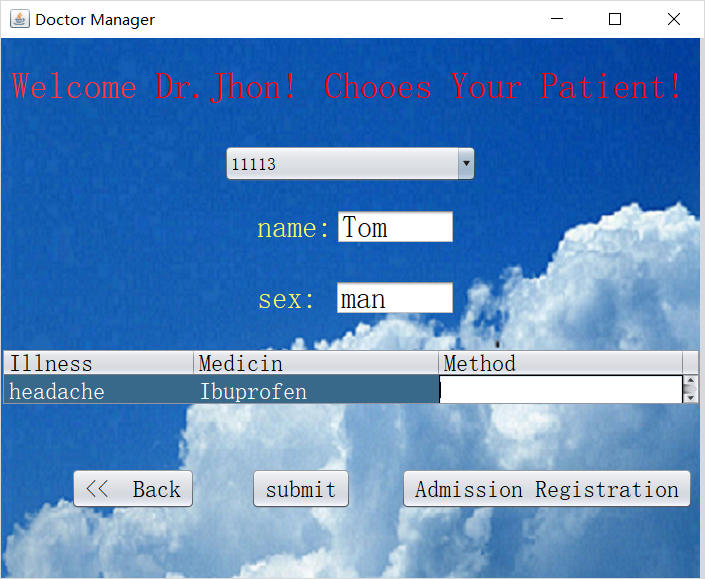


**Register Module（Doctor）:**

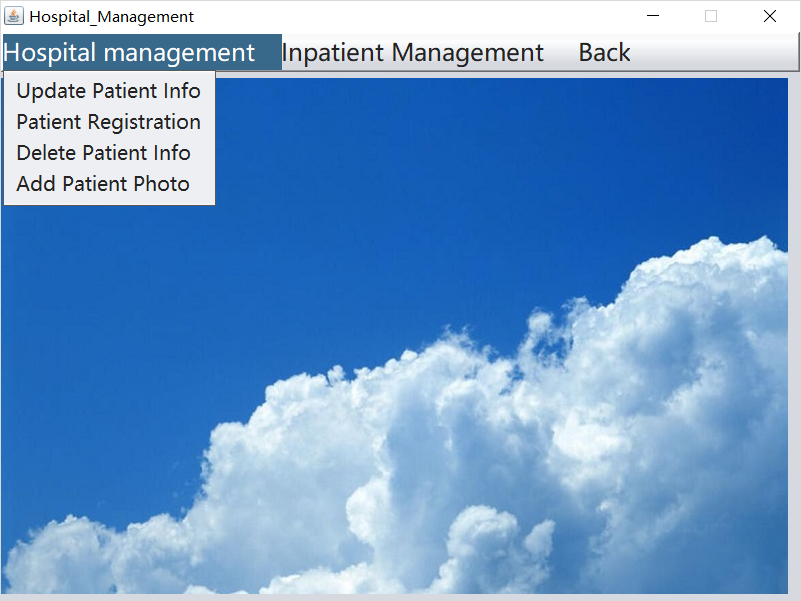


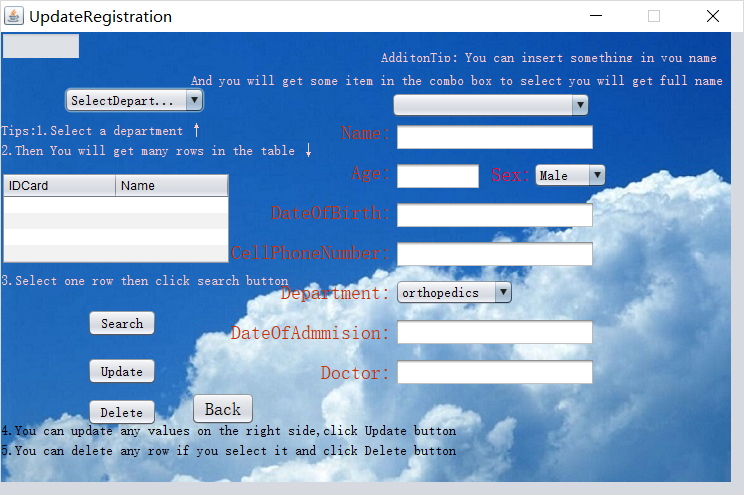


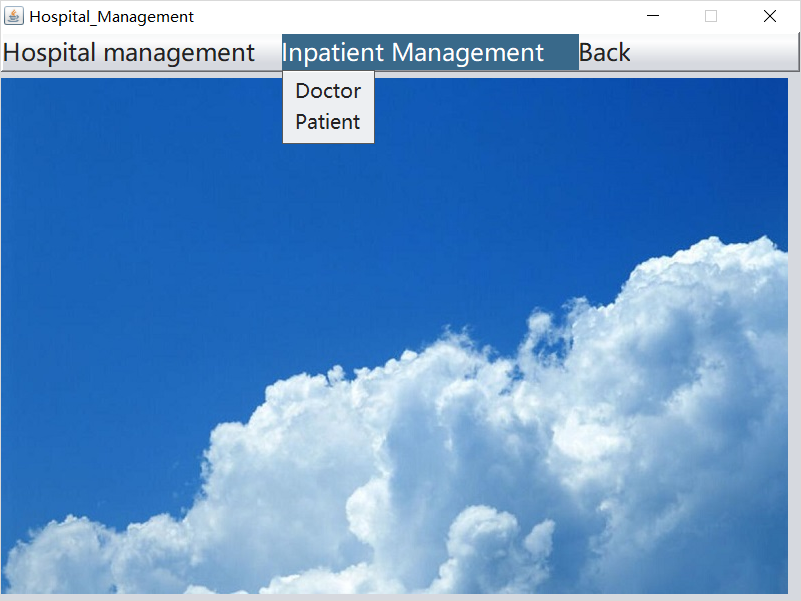


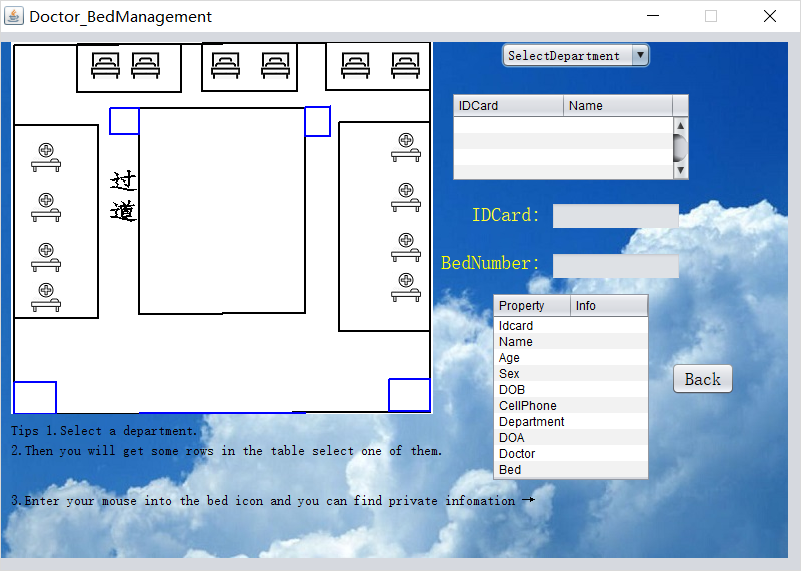


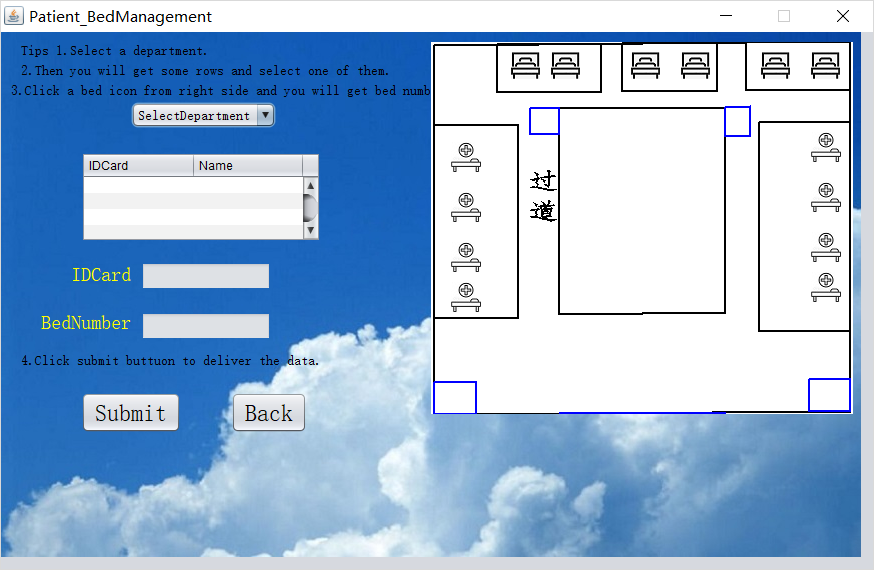
**Hospital Admission Module:**

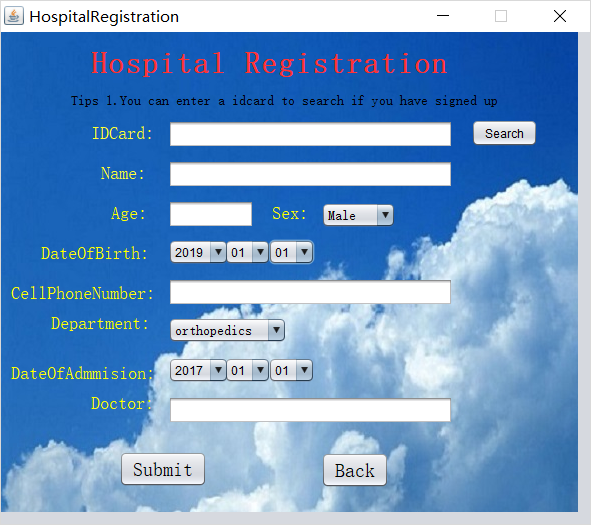
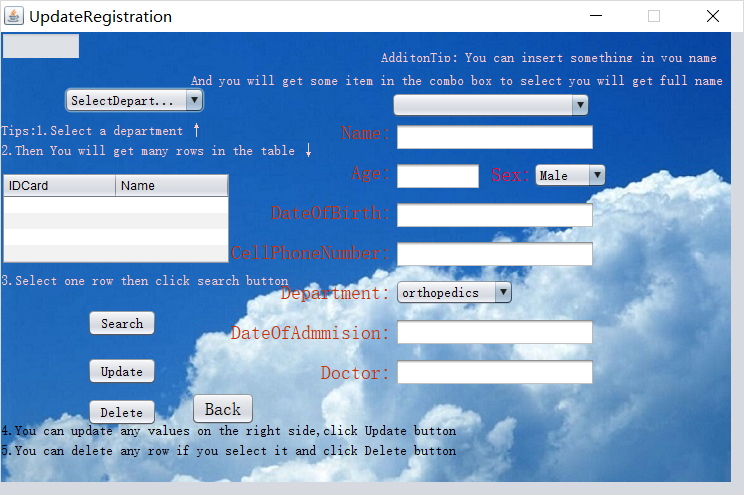












**Code of JDBC.java**

package hospital;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class JDBC {

private static String url = "jdbc:mysql://localhost:3306/hospital?useSSL=false";

private static String name = "root";

private static String password = "123456";

private static Connection connection = null;

public static Connection getConnection() throws ClassNotFoundException {

try {

Class.forName("com.mysql.jdbc.Driver");

connection = (Connection) DriverManager.getConnection(url, name, password);

} catch (SQLException e) {

e.printStackTrace();

}

return connection;

}

}

**Code of Welcome.java**

package hospital;

import hospital.Doctor.Doctor\_Login;

import hospital.Patient.Patient\_Login;

public class Welcome extends javax.swing.JFrame {

/\*\*

\* Creates new form Welcome

\*/

public Welcome() {

initComponents();

setLocationRelativeTo(null);

setTitle("Welcome");

}

/\*\*

\* 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() {

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("I'm Patient");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 110, -1, -1));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("I'm Doctor");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 200, -1, -1));

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital5.png"))); // NOI18N

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 640, 470));

pack();

}// </editor-fold>

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

// TODO add your handling code here:

dispose();

new Patient\_Login().setVisible(true);

}

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

// TODO add your handling code here:

dispose();

new Doctor\_Login().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(Welcome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel2;

// End of variables declaration

}

**Code of Doctor\_Login.java**

package hospital.Doctor;

import hospital.JDBC;

import hospital.Welcome;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Doctor\_Login extends javax.swing.JFrame {

/\*\*

\* Creates new form PatientLogin

\*/

public Doctor\_Login() {

initComponents();

setLocationRelativeTo(null);

setTitle("Doctor Login");

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

id = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

pw = new javax.swing.JPasswordField();

jButton3 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setForeground(new java.awt.Color(255, 255, 51));

jLabel1.setText("ID:");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 120, -1, -1));

getContentPane().add(id, new org.netbeans.lib.awtextra.AbsoluteConstraints(310, 120, 117, 29));

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 51));

jLabel2.setText("Password:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 220, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("Login");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 320, -1, -1));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("<< Back");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 320, -1, -1));

getContentPane().add(pw, new org.netbeans.lib.awtextra.AbsoluteConstraints(310, 220, 117, 29));

jButton3.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton3.setForeground(new java.awt.Color(255, 51, 51));

jButton3.setText("New User");

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

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

jButton3ActionPerformed(evt);

}

});

getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 320, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel4.setText("You already have an account number: 123");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 160, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel5.setText("Password:123");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 200, -1, -1));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital5.png"))); // NOI18N

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 680, 490));

pack();

}// </editor-fold>

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

if (id.getText().equals("") || pw.getText().equals("")) {

JOptionPane.showMessageDialog(null, "Please Enter Your Imformation");

} else {

try {

String sql = "select \* from doctor where id=? and password=?";

String sql2 = "select \* from doctor where id=? and password=?";

String sql1 = "update present\_doctor set present\_id=?,present\_pw=?,present\_sex=?,present\_department=?,present\_doctor\_name=? where idx=1";

Connection connection = JDBC.getConnection();

ResultSet rs, rs2;

PreparedStatement ps = connection.prepareStatement(sql);

PreparedStatement ps2 = connection.prepareStatement(sql2);

ps.setString(1, id.getText());

ps.setString(2, pw.getText());

ps2.setString(1, id.getText());

ps2.setString(2, pw.getText());

rs = ps.executeQuery();

rs2 = ps2.executeQuery();

if (rs.next()) {

while (rs2.next()) {

PreparedStatement ps1 = connection.prepareStatement(sql1);

ps1.setString(1, rs2.getString("id"));

ps1.setString(2, rs2.getString("password"));

ps1.setString(3, rs2.getString("sex"));

ps1.setString(4, rs2.getString("department"));

ps1.setString(5, rs2.getString("doctor\_name"));

ps1.executeUpdate();

}

new Doctor\_Manager().setVisible(true);

dispose();

} else {

JOptionPane.showMessageDialog(null, "Please Check The ID Or Password!");

}

} catch (Exception ex) {

Logger.getLogger(Doctor\_Login.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

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

// TODO add your handling code here:

dispose();

new Welcome().setVisible(true);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

dispose();

new Doctor\_Register().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(Doctor\_Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Doctor\_Login.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 Doctor\_Login().setVisible(true);

}

});

}

public String p\_id() {

return id.getText();

}

public String p\_pw() {

return pw.getPassword().toString();

}

// Variables declaration - do not modify

private javax.swing.JTextField id;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JPasswordField pw;

// End of variables declaration

}

**Code of Doctor\_Manager.java**

package hospital.Doctor;

import hospital.JDBC;

import hospital.Welcome;

import java.awt.Dimension;

import java.awt.Font;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Doctor\_Manager extends javax.swing.JFrame {

/\*\*

\* Creates new form NewJFrame

\*/

public Doctor\_Manager() {

initComponents();

setTitle("Doctor Manager");

setLocationRelativeTo(null);

jta1.getTableHeader().setPreferredSize(new Dimension(1, 24));

jta1.getTableHeader().setFont(new Font("宋体",12,24));

jta1.getTableHeader().setReorderingAllowed(false);

jta1.setRowHeight(30);

name.setEditable(false);

sex.setEditable(false);

try {

String sql = "select \* from patient\_info where doctor\_name=? and illness is null and Medicine is null and method is null";

String sql1 = "select \* from present\_doctor where idx=1";

Connection connection = JDBC.getConnection();

PreparedStatement ps = connection.prepareStatement(sql);

Statement ps1 = connection.createStatement();

ResultSet rs, rs1;

rs1 = ps1.executeQuery(sql1);

while (rs1.next()) {

jLabel4.setText("Dr." + rs1.getString("present\_doctor\_name") + "!");

ps.setString(1, rs1.getString("present\_doctor\_name"));

rs = ps.executeQuery();

while (rs.next()) {

cb1.addItem(rs.getString("reginum"));

}

}

} catch (Exception e) {

e.toString();

}

}

/\*\*

\* 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();

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

jta1 = new javax.swing.JTable();

jLabel2 = new javax.swing.JLabel();

name = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

sex = new javax.swing.JTextField();

cb1 = new javax.swing.JComboBox();

jButton2 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jButton3 = new javax.swing.JButton();

jLabel7 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("submit");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 430, -1, -1));

jLabel1.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 51, 51));

jLabel1.setText("Welcome");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 26, -1, -1));

jta1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jta1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{null, null, null}

},

new String [] {

"Illness", "Medicin", "Method"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jta1.setAutoResizeMode(javax.swing.JTable.AUTO\_RESIZE\_ALL\_COLUMNS);

jScrollPane1.setViewportView(jta1);

jta1.getColumnModel().getColumn(0).setPreferredWidth(20);

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 310, 700, 58));

jLabel2.setFont(new java.awt.Font("宋体", 0, 30)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 102));

jLabel2.setText("name:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(256, 171, -1, -1));

name.setFont(new java.awt.Font("宋体", 0, 30)); // NOI18N

getContentPane().add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(335, 171, 119, 35));

jLabel3.setFont(new java.awt.Font("宋体", 0, 30)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 102));

jLabel3.setText("sex:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(256, 242, -1, -1));

sex.setFont(new java.awt.Font("宋体", 0, 30)); // NOI18N

getContentPane().add(sex, new org.netbeans.lib.awtextra.AbsoluteConstraints(334, 242, 120, 35));

cb1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

cb1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Registration Num" }));

cb1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

cb1ItemStateChanged(evt);

}

});

cb1.addActionListener(new java.awt.event.ActionListener() {

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

cb1ActionPerformed(evt);

}

});

getContentPane().add(cb1, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 107, 253, 37));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("<< Back");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 430, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 0, 0));

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(154, 26, 151, 42));

jLabel5.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 0, 0));

jLabel5.setText("Chooes Your Patient!");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(323, 26, 380, -1));

jButton3.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton3.setText("Admission Registration");

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

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

jButton3ActionPerformed(evt);

}

});

getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(400, 430, -1, -1));

jLabel7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital5.png"))); // NOI18N

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 700, 540));

pack();

}// </editor-fold>

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

try {

Connection connection = JDBC.getConnection();

PreparedStatement pst;

String reginum = cb1.getSelectedItem().toString();

pst = connection.prepareStatement("update patient\_info set illness=?,Medicine=?,method=? where reginum=?");

pst.setString(1, jta1.getValueAt(0, 0).toString());

pst.setString(2, jta1.getValueAt(0, 1).toString());

pst.setString(3, jta1.getValueAt(0, 2).toString());

pst.setString(4, reginum);

pst.executeUpdate();

jta1.setValueAt( "",0,0);

jta1.setValueAt( "",0,1);

jta1.setValueAt( "",0,2);

cb1.removeItem(cb1.getSelectedItem());

JOptionPane.showMessageDialog(null, "Eidit Succeesefully!");

} catch (Exception e) {

e.printStackTrace();

}

}

private void cb1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void cb1ItemStateChanged(java.awt.event.ItemEvent evt) {

try {

// TODO add your handling code here:

cb1.removeItem("Registration Num");

String item = evt.getItem().toString();

Connection connection = JDBC.getConnection();

String sql = "select \* from patient\_info where reginum=?";

PreparedStatement ps = connection.prepareStatement(sql);

ps.setString(1, item);

ResultSet rs;

rs = ps.executeQuery();

while (rs.next()) {

name.setText(rs.getString("name"));

sex.setText(rs.getString("sex"));

}

} catch (Exception ex) {

Logger.getLogger(Doctor\_Manager.class.getName()).log(Level.SEVERE, null, ex);

}

}

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

// TODO add your handling code here:

dispose();

new Welcome().setVisible(true);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

new hospital\_Admission.Hospital\_Management().show(); // TODO add your handling code here:

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

new Doctor\_Manager().setVisible(true);

/\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\*

\* Create and display the form

\*/

}

// Variables declaration - do not modify

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JComboBox cb1;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel7;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jta1;

private javax.swing.JTextField name;

private javax.swing.JTextField sex;

// End of variables declaration

}

**Code of Doctor\_Register.java**

package hospital.Doctor;

import hospital.JDBC;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Doctor\_Register extends javax.swing.JFrame {

/\*\*

\* Creates new form Patient\_register

\*/

public Doctor\_Register() {

initComponents();

setLocationRelativeTo(null);

setTitle("Doctor Register");

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

id = new javax.swing.JTextField();

sex = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

pw = new javax.swing.JPasswordField();

rpw = new javax.swing.JPasswordField();

jLabel5 = new javax.swing.JLabel();

name = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

dp = new javax.swing.JComboBox();

jLabel7 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setForeground(new java.awt.Color(255, 255, 0));

jLabel1.setText("ID:");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(238, 100, -1, -1));

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("Password:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(166, 286, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 0));

jLabel3.setText("Resure Password:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(82, 337, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 255, 0));

jLabel4.setText("Sex:");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(226, 192, -1, -1));

getContentPane().add(id, new org.netbeans.lib.awtextra.AbsoluteConstraints(328, 99, 248, 30));

getContentPane().add(sex, new org.netbeans.lib.awtextra.AbsoluteConstraints(328, 192, 248, 29));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("Register");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 400, -1, -1));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("<< Back");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 400, -1, -1));

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

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

pwActionPerformed(evt);

}

});

getContentPane().add(pw, new org.netbeans.lib.awtextra.AbsoluteConstraints(328, 290, 248, 29));

getContentPane().add(rpw, new org.netbeans.lib.awtextra.AbsoluteConstraints(328, 341, 248, 29));

jLabel5.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 255, 51));

jLabel5.setText("Name:");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(214, 147, -1, -1));

getContentPane().add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(328, 150, 248, 32));

jLabel6.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 255, 0));

jLabel6.setText("Department:");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(142, 239, -1, -1));

dp.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

dp.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "The Orthopaedic", "Pediatric", "Dermatology", "Internal medicine", "Surgical", "Ophthalmology department" }));

getContentPane().add(dp, new org.netbeans.lib.awtextra.AbsoluteConstraints(328, 239, -1, 29));

jLabel7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital5.png"))); // NOI18N

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, 520));

pack();

}// </editor-fold>

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

try {

Connection connection = JDBC.getConnection();

String sql1 = "select \* from doctor where id=?";

ResultSet rs;

PreparedStatement ps1 = connection.prepareStatement(sql1);

ps1.setString(1, id.getText());

rs = ps1.executeQuery();

if (rs.next()) {

JOptionPane.showMessageDialog(null, "The ID Has Been Exist.");

} else {

if (id.getText().equals("") || sex.getText().equals("") || pw.getText().equals("") || rpw.getText().equals("") || name.getText().equals("")) {

JOptionPane.showMessageDialog(null, "Please Enter Complete Information.");

} else {

if (pw.getText().equals(rpw.getText())) {

String sql = "insert into doctor values(?,?,?,?,?)";

PreparedStatement ps = connection.prepareStatement(sql);

ps.setString(1, id.getText());

ps.setString(2, pw.getText());

ps.setString(3, sex.getText());

ps.setString(4, dp.getSelectedItem().toString());

ps.setString(5, name.getText());

ps.executeUpdate();

JOptionPane.showMessageDialog(null, "Success!");

dispose();

new Doctor\_Login().setVisible(true);

} else {

JOptionPane.showMessageDialog(null, "Check That The Two Passwords Are The Same");

}

}

}

} catch (Exception ex) {

Logger.getLogger(Doctor\_Register.class.getName()).log(Level.SEVERE, null, ex);

}

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

dispose();

new Doctor\_Login().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(Doctor\_Register.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Doctor\_Register.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 Doctor\_Register().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JComboBox dp;

private javax.swing.JTextField id;

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.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JTextField name;

private javax.swing.JPasswordField pw;

private javax.swing.JPasswordField rpw;

private javax.swing.JTextField sex;

// End of variables declaration

}

**Code of Addmission\_Registration.java**

package hospital.Patient;

import hospital\_Admission.\*;

import java.sql.ResultSet;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

import javax.swing.JOptionPane;

public class Addmission\_Registration extends javax.swing.JFrame {

/\*\*

\* Creates new form HospitalRegistration

\*/

public Addmission\_Registration() {

initComponents();

this.setResizable(false);

this.setTitle("HospitalRegistration");

setLocationRelativeTo(null);

}

/\*\*

\* 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();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

idcard = new javax.swing.JTextField();

name = new javax.swing.JTextField();

age = new javax.swing.JTextField();

cellphone = new javax.swing.JTextField();

department = new javax.swing.JComboBox();

jLabel11 = new javax.swing.JLabel();

doctor = new javax.swing.JTextField();

submit = new javax.swing.JButton();

cancel = new javax.swing.JButton();

sex = new javax.swing.JComboBox();

year = new javax.swing.JComboBox();

month = new javax.swing.JComboBox();

day = new javax.swing.JComboBox();

year1 = new javax.swing.JComboBox();

month1 = new javax.swing.JComboBox();

day1 = new javax.swing.JComboBox();

search = new javax.swing.JButton();

jLabel12 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("宋体", 1, 30)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 51, 51));

jLabel1.setText("Hospital Registration");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 10, 370, 40));

jLabel2.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 51));

jLabel2.setText("IDCard:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 90, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 51));

jLabel3.setText("Name:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 130, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 255, 0));

jLabel4.setText("Age:");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 170, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 255, 0));

jLabel5.setText("DateOfBirth:");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 210, -1, -1));

jLabel6.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 255, 0));

jLabel6.setText("CellPhoneNumber:");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 250, -1, -1));

jLabel7.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel7.setForeground(new java.awt.Color(255, 255, 0));

jLabel7.setText("Department:");

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 280, -1, -1));

jLabel9.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 255, 0));

jLabel9.setText("DateOfAdmmision:");

getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 330, -1, -1));

jLabel10.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel10.setForeground(new java.awt.Color(255, 255, 0));

jLabel10.setText("Doctor:");

getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 360, -1, -1));

getContentPane().add(idcard, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 88, 285, -1));

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

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

nameActionPerformed(evt);

}

});

getContentPane().add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 128, 285, -1));

getContentPane().add(age, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 168, 86, -1));

getContentPane().add(cellphone, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 246, 285, -1));

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "orthopedics", "pediatric", "dermatology" }));

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 285, 119, -1));

jLabel11.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel11.setForeground(new java.awt.Color(255, 255, 0));

jLabel11.setText("Sex:");

getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(271, 170, -1, -1));

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

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

doctorActionPerformed(evt);

}

});

getContentPane().add(doctor, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 364, 285, -1));

submit.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

submit.setText("Submit");

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

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

submitActionPerformed(evt);

}

});

getContentPane().add(submit, new org.netbeans.lib.awtextra.AbsoluteConstraints(118, 419, -1, -1));

cancel.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

cancel.setText("Back");

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

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

cancelActionPerformed(evt);

}

});

getContentPane().add(cancel, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 420, -1, -1));

sex.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

sex.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Male", "Female" }));

getContentPane().add(sex, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 170, -1, -1));

year.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "2019", "2018", "2017", "2016", "2015", "2014", "2013", "2012", "2011", "2010", "2009", "2008", "2007", "2006", "2005", "2004", "2003", "2002", "2001", "2000" }));

getContentPane().add(year, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 207, -1, -1));

month.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));

getContentPane().add(month, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 207, -1, -1));

day.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

getContentPane().add(day, new org.netbeans.lib.awtextra.AbsoluteConstraints(267, 207, -1, -1));

year1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "2017", "2018", "2019" }));

getContentPane().add(year1, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 325, -1, -1));

month1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));

getContentPane().add(month1, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 325, -1, -1));

day1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

getContentPane().add(day1, new org.netbeans.lib.awtextra.AbsoluteConstraints(267, 325, -1, -1));

search.setText("Search");

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

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

searchActionPerformed(evt);

}

});

getContentPane().add(search, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 87, -1, -1));

jLabel12.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel12.setText("Tips 1.You can enter a idcard to search if you have signed up");

getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 60, -1, -1));

jLabel8.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk6.jpg"))); // NOI18N

getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, 480));

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

try {

Connection con = DBClass.getConnection();

String str = "insert into patient values(?,?,?,?,?,?,?,?,?)";

PreparedStatement pst = con.prepareStatement(str);

pst.setString(1, idcard.getText());

String nameP = name.getText();

Pattern namePattern = Pattern.compile("^[a-zA-Z]+$");

Matcher nameMatcher = namePattern.matcher(nameP);

Boolean nameBoolean = nameMatcher.matches();

if (nameBoolean == false) {

throw new Exception("Please enter the correct name(only character)");

}

pst.setString(2, name.getText());

if (Integer.parseInt(age.getText()) < 0 || Integer.parseInt(age.getText()) > 100) {

throw new Exception("Please enter the correct age");

}

pst.setInt(3, Integer.parseInt(age.getText()));

pst.setString(4, sex.getSelectedItem().toString());

pst.setString(5, year.getSelectedItem().toString() + "-" + month.getSelectedItem().toString() + "-" + day.getSelectedItem().toString());

pst.setString(6, cellphone.getText());

pst.setString(7, department.getSelectedItem().toString());

pst.setString(8, year1.getSelectedItem().toString() + "-" + month1.getSelectedItem().toString() + "-" + day1.getSelectedItem().toString());

String doctorP = doctor.getText();

Pattern doctorPattern = Pattern.compile("^[a-zA-Z]+$");

Matcher doctorMatcher = doctorPattern.matcher(doctorP);

Boolean doctorBoolean = doctorMatcher.matches();

if (doctorBoolean == false) {

throw new Exception("Please enter the correct doctor name(only character)");

}

pst.setString(9, doctor.getText());

DateFormat df = new SimpleDateFormat("yyyy-MM-dd");

Date dt1 = df.parse(year1.getSelectedItem().toString() + "-" + month1.getSelectedItem().toString() + "-" + day1.getSelectedItem().toString());

Date dt3 = df.parse(year.getSelectedItem().toString() + "-" + month.getSelectedItem().toString() + "-" + day.getSelectedItem().toString());

java.util.Date date = new java.util.Date();

String datestr = new SimpleDateFormat("yyyy-MM-dd").format(date);

Date dt2 = df.parse(datestr);

if (dt1.getTime() > dt2.getTime()) {

throw new Exception("Your addmison date must be less than today");

}

if (dt3.getTime() > dt2.getTime()) {

throw new Exception("Your birthday must be less than today");

}

if (dt3.getTime() > dt1.getTime()) {

throw new Exception("Your addmison date must be more than your birthday");

}

int rs = pst.executeUpdate();

if (rs > 0) {

JOptionPane.showMessageDialog(this, "Insert successfully");

} else {

JOptionPane.showMessageDialog(this, "Not insert successfully");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e.getMessage());

}

}

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

if (!idcard.getText().isEmpty()) {

try {

Connection con = DBClass.getConnection();

PreparedStatement pst = con.prepareStatement("select present\_name from present where present\_id=?");

pst.setString(1, idcard.getText());

ResultSet rs = (ResultSet) pst.executeQuery();

if (rs.next()) {

name.setText(rs.getString(1));

} else {

throw new Exception("Can't find");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e.getMessage());

}

}

}

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

this.dispose();

new Patient().show();

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Addmission\_Registration.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 Addmission\_Registration().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField age;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JButton cancel;

private javax.swing.JTextField cellphone;

private javax.swing.JComboBox day;

private javax.swing.JComboBox day1;

private javax.swing.JComboBox department;

private javax.swing.JTextField doctor;

private javax.swing.JTextField idcard;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

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.JComboBox month;

private javax.swing.JComboBox month1;

private javax.swing.JTextField name;

private javax.swing.JButton search;

private javax.swing.JComboBox sex;

private javax.swing.JButton submit;

private javax.swing.JComboBox year;

private javax.swing.JComboBox year1;

// End of variables declaration

}

**Code of Patient.java**

package hospital.Patient;

import hospital\_Admission.\*;

import java.sql.ResultSet;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

import javax.swing.JOptionPane;

public class Addmission\_Registration extends javax.swing.JFrame {

/\*\*

\* Creates new form HospitalRegistration

\*/

public Addmission\_Registration() {

initComponents();

this.setResizable(false);

this.setTitle("HospitalRegistration");

setLocationRelativeTo(null);

}

/\*\*

\* 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();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

idcard = new javax.swing.JTextField();

name = new javax.swing.JTextField();

age = new javax.swing.JTextField();

cellphone = new javax.swing.JTextField();

department = new javax.swing.JComboBox();

jLabel11 = new javax.swing.JLabel();

doctor = new javax.swing.JTextField();

submit = new javax.swing.JButton();

cancel = new javax.swing.JButton();

sex = new javax.swing.JComboBox();

year = new javax.swing.JComboBox();

month = new javax.swing.JComboBox();

day = new javax.swing.JComboBox();

year1 = new javax.swing.JComboBox();

month1 = new javax.swing.JComboBox();

day1 = new javax.swing.JComboBox();

search = new javax.swing.JButton();

jLabel12 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("宋体", 1, 30)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 51, 51));

jLabel1.setText("Hospital Registration");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 10, 370, 40));

jLabel2.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 51));

jLabel2.setText("IDCard:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 90, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 51));

jLabel3.setText("Name:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 130, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 255, 0));

jLabel4.setText("Age:");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 170, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 255, 0));

jLabel5.setText("DateOfBirth:");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 210, -1, -1));

jLabel6.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 255, 0));

jLabel6.setText("CellPhoneNumber:");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 250, -1, -1));

jLabel7.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel7.setForeground(new java.awt.Color(255, 255, 0));

jLabel7.setText("Department:");

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 280, -1, -1));

jLabel9.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 255, 0));

jLabel9.setText("DateOfAdmmision:");

getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 330, -1, -1));

jLabel10.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel10.setForeground(new java.awt.Color(255, 255, 0));

jLabel10.setText("Doctor:");

getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 360, -1, -1));

getContentPane().add(idcard, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 88, 285, -1));

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

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

nameActionPerformed(evt);

}

});

getContentPane().add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 128, 285, -1));

getContentPane().add(age, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 168, 86, -1));

getContentPane().add(cellphone, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 246, 285, -1));

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "orthopedics", "pediatric", "dermatology" }));

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 285, 119, -1));

jLabel11.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel11.setForeground(new java.awt.Color(255, 255, 0));

jLabel11.setText("Sex:");

getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(271, 170, -1, -1));

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

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

doctorActionPerformed(evt);

}

});

getContentPane().add(doctor, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 364, 285, -1));

submit.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

submit.setText("Submit");

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

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

submitActionPerformed(evt);

}

});

getContentPane().add(submit, new org.netbeans.lib.awtextra.AbsoluteConstraints(118, 419, -1, -1));

cancel.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

cancel.setText("Back");

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

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

cancelActionPerformed(evt);

}

});

getContentPane().add(cancel, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 420, -1, -1));

sex.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

sex.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Male", "Female" }));

getContentPane().add(sex, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 170, -1, -1));

year.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "2019", "2018", "2017", "2016", "2015", "2014", "2013", "2012", "2011", "2010", "2009", "2008", "2007", "2006", "2005", "2004", "2003", "2002", "2001", "2000" }));

getContentPane().add(year, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 207, -1, -1));

month.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));

getContentPane().add(month, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 207, -1, -1));

day.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

getContentPane().add(day, new org.netbeans.lib.awtextra.AbsoluteConstraints(267, 207, -1, -1));

year1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "2017", "2018", "2019" }));

getContentPane().add(year1, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 325, -1, -1));

month1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));

getContentPane().add(month1, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 325, -1, -1));

day1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

getContentPane().add(day1, new org.netbeans.lib.awtextra.AbsoluteConstraints(267, 325, -1, -1));

search.setText("Search");

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

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

searchActionPerformed(evt);

}

});

getContentPane().add(search, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 87, -1, -1));

jLabel12.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel12.setText("Tips 1.You can enter a idcard to search if you have signed up");

getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 60, -1, -1));

jLabel8.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk6.jpg"))); // NOI18N

getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, 480));

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

try {

Connection con = DBClass.getConnection();

String str = "insert into patient values(?,?,?,?,?,?,?,?,?)";

PreparedStatement pst = con.prepareStatement(str);

pst.setString(1, idcard.getText());

String nameP = name.getText();

Pattern namePattern = Pattern.compile("^[a-zA-Z]+$");

Matcher nameMatcher = namePattern.matcher(nameP);

Boolean nameBoolean = nameMatcher.matches();

if (nameBoolean == false) {

throw new Exception("Please enter the correct name(only character)");

}

pst.setString(2, name.getText());

if (Integer.parseInt(age.getText()) < 0 || Integer.parseInt(age.getText()) > 100) {

throw new Exception("Please enter the correct age");

}

pst.setInt(3, Integer.parseInt(age.getText()));

pst.setString(4, sex.getSelectedItem().toString());

pst.setString(5, year.getSelectedItem().toString() + "-" + month.getSelectedItem().toString() + "-" + day.getSelectedItem().toString());

pst.setString(6, cellphone.getText());

pst.setString(7, department.getSelectedItem().toString());

pst.setString(8, year1.getSelectedItem().toString() + "-" + month1.getSelectedItem().toString() + "-" + day1.getSelectedItem().toString());

String doctorP = doctor.getText();

Pattern doctorPattern = Pattern.compile("^[a-zA-Z]+$");

Matcher doctorMatcher = doctorPattern.matcher(doctorP);

Boolean doctorBoolean = doctorMatcher.matches();

if (doctorBoolean == false) {

throw new Exception("Please enter the correct doctor name(only character)");

}

pst.setString(9, doctor.getText());

DateFormat df = new SimpleDateFormat("yyyy-MM-dd");

Date dt1 = df.parse(year1.getSelectedItem().toString() + "-" + month1.getSelectedItem().toString() + "-" + day1.getSelectedItem().toString());

Date dt3 = df.parse(year.getSelectedItem().toString() + "-" + month.getSelectedItem().toString() + "-" + day.getSelectedItem().toString());

java.util.Date date = new java.util.Date();

String datestr = new SimpleDateFormat("yyyy-MM-dd").format(date);

Date dt2 = df.parse(datestr);

if (dt1.getTime() > dt2.getTime()) {

throw new Exception("Your addmison date must be less than today");

}

if (dt3.getTime() > dt2.getTime()) {

throw new Exception("Your birthday must be less than today");

}

if (dt3.getTime() > dt1.getTime()) {

throw new Exception("Your addmison date must be more than your birthday");

}

int rs = pst.executeUpdate();

if (rs > 0) {

JOptionPane.showMessageDialog(this, "Insert successfully");

} else {

JOptionPane.showMessageDialog(this, "Not insert successfully");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e.getMessage());

}

}

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

if (!idcard.getText().isEmpty()) {

try {

Connection con = DBClass.getConnection();

PreparedStatement pst = con.prepareStatement("select present\_name from present where present\_id=?");

pst.setString(1, idcard.getText());

ResultSet rs = (ResultSet) pst.executeQuery();

if (rs.next()) {

name.setText(rs.getString(1));

} else {

throw new Exception("Can't find");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e.getMessage());

}

}

}

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

this.dispose();

new Patient().show();

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Addmission\_Registration.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 Addmission\_Registration().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField age;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JButton cancel;

private javax.swing.JTextField cellphone;

private javax.swing.JComboBox day;

private javax.swing.JComboBox day1;

private javax.swing.JComboBox department;

private javax.swing.JTextField doctor;

private javax.swing.JTextField idcard;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

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.JComboBox month;

private javax.swing.JComboBox month1;

private javax.swing.JTextField name;

private javax.swing.JButton search;

private javax.swing.JComboBox sex;

private javax.swing.JButton submit;

private javax.swing.JComboBox year;

private javax.swing.JComboBox year1;

// End of variables declaration

}

**Code of Patient\_Login.java**

package hospital.Patient;

import hospital.JDBC;

import hospital.Welcome;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Patient\_Login extends javax.swing.JFrame {

/\*\*

\* Creates new form PatientLogin

\*/

public Patient\_Login() {

initComponents();

setTitle("Patient Login");

setLocationRelativeTo(null);

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jPasswordField1 = new javax.swing.JPasswordField();

jButton3 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setForeground(new java.awt.Color(255, 255, 0));

jLabel1.setText("ID:");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 120, -1, -1));

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 120, 117, 29));

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("Password:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(200, 220, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("Login");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 320, -1, -1));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("<< Back");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 320, -1, -1));

getContentPane().add(jPasswordField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 220, 117, 29));

jButton3.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton3.setForeground(new java.awt.Color(255, 0, 0));

jButton3.setText("New User");

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

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

jButton3ActionPerformed(evt);

}

});

getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 320, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel4.setText("You already have an account number: 123");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 160, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel5.setText("Password:123");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 200, -1, -1));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital4.png"))); // NOI18N

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

pack();

}// </editor-fold>

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

if (jTextField1.getText().equals("") || jPasswordField1.getText().equals("")) {

JOptionPane.showMessageDialog(null, "Please Enter Your Imformation");

} else {

try {

String sql = "select \* from patient\_user where id=? and password=?";

String sql2 = "select \* from patient\_user where id=? and password=?";

String sql1 = "update present set present\_id=?,present\_pw=?,present\_name=?,present\_sex=? where idx=1";

Connection connection = JDBC.getConnection();

ResultSet rs,rs2;

PreparedStatement ps = connection.prepareStatement(sql);

PreparedStatement ps2 = connection.prepareStatement(sql2);

ps.setString(1, jTextField1.getText());

ps.setString(2, jPasswordField1.getText());

ps2.setString(1, jTextField1.getText());

ps2.setString(2, jPasswordField1.getText());

rs = ps.executeQuery();

rs2 = ps2.executeQuery();

if (rs.next()) {

while(rs2.next()){

PreparedStatement ps1 = connection.prepareStatement(sql1);

ps1.setString(1,rs2.getString("id"));

ps1.setString(2,rs2.getString("password"));

ps1.setString(3,rs2.getString("name"));

ps1.setString(4,rs2.getString("sex"));

ps1.executeUpdate();

}

new Patient().setVisible(true);

dispose();

} else {

JOptionPane.showMessageDialog(null, "Please Check The ID Or Password!");

}

} catch (Exception ex) {

Logger.getLogger(Patient\_Login.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

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

// TODO add your handling code here:

dispose();

new Welcome().setVisible(true);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

dispose();

new Patient\_Register().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(Patient\_Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Patient\_Login.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 Patient\_Login().setVisible(true);

}

});

}

public String p\_id() {

return jTextField1.getText();

}

public String p\_pw() {

return jPasswordField1.getPassword().toString();

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

**Code of Patient\_Register.java**

package hospital.Patient;

import hospital.JDBC;

import hospital.Welcome;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Patient\_Login extends javax.swing.JFrame {

/\*\*

\* Creates new form PatientLogin

\*/

public Patient\_Login() {

initComponents();

setTitle("Patient Login");

setLocationRelativeTo(null);

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jPasswordField1 = new javax.swing.JPasswordField();

jButton3 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setForeground(new java.awt.Color(255, 255, 0));

jLabel1.setText("ID:");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 120, -1, -1));

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 120, 117, 29));

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("Password:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(200, 220, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("Login");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 320, -1, -1));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("<< Back");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 320, -1, -1));

getContentPane().add(jPasswordField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 220, 117, 29));

jButton3.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton3.setForeground(new java.awt.Color(255, 0, 0));

jButton3.setText("New User");

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

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

jButton3ActionPerformed(evt);

}

});

getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 320, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel4.setText("You already have an account number: 123");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 160, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel5.setText("Password:123");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 200, -1, -1));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital4.png"))); // NOI18N

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

pack();

}// </editor-fold>

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

if (jTextField1.getText().equals("") || jPasswordField1.getText().equals("")) {

JOptionPane.showMessageDialog(null, "Please Enter Your Imformation");

} else {

try {

String sql = "select \* from patient\_user where id=? and password=?";

String sql2 = "select \* from patient\_user where id=? and password=?";

String sql1 = "update present set present\_id=?,present\_pw=?,present\_name=?,present\_sex=? where idx=1";

Connection connection = JDBC.getConnection();

ResultSet rs,rs2;

PreparedStatement ps = connection.prepareStatement(sql);

PreparedStatement ps2 = connection.prepareStatement(sql2);

ps.setString(1, jTextField1.getText());

ps.setString(2, jPasswordField1.getText());

ps2.setString(1, jTextField1.getText());

ps2.setString(2, jPasswordField1.getText());

rs = ps.executeQuery();

rs2 = ps2.executeQuery();

if (rs.next()) {

while(rs2.next()){

PreparedStatement ps1 = connection.prepareStatement(sql1);

ps1.setString(1,rs2.getString("id"));

ps1.setString(2,rs2.getString("password"));

ps1.setString(3,rs2.getString("name"));

ps1.setString(4,rs2.getString("sex"));

ps1.executeUpdate();

}

new Patient().setVisible(true);

dispose();

} else {

JOptionPane.showMessageDialog(null, "Please Check The ID Or Password!");

}

} catch (Exception ex) {

Logger.getLogger(Patient\_Login.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

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

// TODO add your handling code here:

dispose();

new Welcome().setVisible(true);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

dispose();

new Patient\_Register().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(Patient\_Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Patient\_Login.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 Patient\_Login().setVisible(true);

}

});

}

public String p\_id() {

return jTextField1.getText();

}

public String p\_pw() {

return jPasswordField1.getPassword().toString();

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

**Code of Personal\_Info.java**

package hospital.Patient;

import com.mysql.jdbc.Statement;

import hospital.JDBC;

import java.awt.Color;

import java.awt.Dimension;

import java.awt.Font;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

public class Personal\_Info extends javax.swing.JFrame {

/\*\*

\* Creates new form Personal\_Info

\*/

public Personal\_Info() {

try {

int i=0;

initComponents();

setTitle("Personal Information");

setLocationRelativeTo(null);

jTable1.getTableHeader().setPreferredSize(new Dimension(1, 24));

jTable1.getTableHeader().setFont(new Font("宋体",12,24));

jTable1.getTableHeader().setReorderingAllowed(false);

jTable1.setRowHeight(30);

jTextField1.setEditable(false);

jTextField2.setEditable(false);

jTable1.setEnabled(false);

jTable1.setGridColor(Color.BLUE);

jTable1.setBackground(Color.white);

Connection connection=JDBC.getConnection();

String sql = "select \* from present where idx=1";

String sql1 = "select \* from patient\_info where id=?";

ResultSet rs,rs1;

Statement ps = (Statement) connection.createStatement();

rs = ps.executeQuery(sql);

PreparedStatement ps1 = connection.prepareStatement(sql1);

while(rs.next()){

ps1.setString(1, rs.getString("present\_id"));

rs1 = ps1.executeQuery();

while(rs1.next()){

jTextField1.setText(rs1.getString("name"));

jTextField2.setText(rs1.getString("sex"));

jTable1.setValueAt(rs1.getString("ptime"), i, 0);

jTable1.setValueAt(rs1.getString("reginum"), i, 1);

jTable1.setValueAt(rs1.getString("illness"), i, 2);

jTable1.setValueAt(rs1.getString("Medicine"), i, 3);

jTable1.setValueAt(rs1.getString("method"), i, 4);

jTable1.setValueAt(rs1.getString("doctor\_name"), i, 5);

jTable1.setValueAt(rs1.getString("doctor\_department"), i, 6);

i++;

}

}

} catch (Exception ex) {

Logger.getLogger(Personal\_Info.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setForeground(new java.awt.Color(255, 255, 51));

jLabel1.setText("Name:");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 142, -1, -1));

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("Sex:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 203, -1, -1));

jTable1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null},

{null, null, null, null, null, null, null}

},

new String [] {

"Time", "Regi\_Num", "Illness", "Medicine", "Method", "Doctor", "Department"

}

));

jTable1.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));

jScrollPane1.setViewportView(jTable1);

if (jTable1.getColumnModel().getColumnCount() > 0) {

jTable1.getColumnModel().getColumn(0).setPreferredWidth(150);

}

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 262, 980, 228));

jTextField1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(416, 142, 176, 29));

jTextField2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

getContentPane().add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(416, 203, 176, 29));

jLabel3.setFont(new java.awt.Font("宋体", 0, 48)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 0, 0));

jLabel3.setText("Information");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(360, 50, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("<< Back");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 510, -1, -1));

jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital2.png"))); // NOI18N

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

pack();

}// </editor-fold>

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

// TODO add your handling code here:

dispose();

new Patient().setVisible(true);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

new Personal\_Info().setVisible(true);

/\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\*

\* Create and display the form

\*/

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

// End of variables declaration

}

**Code of Registration.java**

package hospital.Patient;

import com.mysql.jdbc.Statement;

import hospital.JDBC;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Registration extends javax.swing.JFrame {

public Registration() {

initComponents();

setTitle("Registration");

setLocationRelativeTo(null);

try {

Connection connection = JDBC.getConnection();

String sql2 = "select \* from present where idx=1";

PreparedStatement ps2 = connection.prepareStatement(sql2);

ResultSet rs;

rs = ps2.executeQuery();

while (rs.next()) {

jTextField1.setText(rs.getString("present\_id"));

jTextField2.setText(rs.getString("present\_name"));

}

jTextField1.setEditable(false);

jTextField2.setEditable(false);

} catch (Exception a) {

Logger.getLogger(Registration.class.getName()).log(Level.SEVERE, null, a);

}

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

department = new javax.swing.JComboBox();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

doctor = new javax.swing.JComboBox();

jButton2 = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setForeground(new java.awt.Color(255, 255, 0));

jLabel1.setText("ID card：");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(97, 72, -1, 40));

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("Name：");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(127, 122, -1, 40));

jTextField1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

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

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

jTextField1ActionPerformed(evt);

}

});

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(217, 72, 258, 40));

jTextField2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

getContentPane().add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(217, 122, 258, 40));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("Confirm");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 330, 120, -1));

department.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Choose Department", "The Orthopaedic", "Pediatric", "Dermatology", "Internal medicine", "Surgical", "Ophthalmology department" }));

department.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

departmentItemStateChanged(evt);

}

});

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

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

departmentActionPerformed(evt);

}

});

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(215, 180, 260, 42));

jLabel3.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 0));

jLabel3.setText("Department:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(65, 187, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 255, 0));

jLabel4.setText("Doctor:");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(104, 248, -1, -1));

doctor.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

doctor.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Choose Doctor" }));

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

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

doctorActionPerformed(evt);

}

});

getContentPane().add(doctor, new org.netbeans.lib.awtextra.AbsoluteConstraints(215, 240, 260, 44));

jButton2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton2.setText("<< Back");

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

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

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 330, -1, -1));

jLabel6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/photo/hospital1.png"))); // NOI18N

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 640, 480));

pack();

}// </editor-fold>

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

String item=(String) doctor.getItemAt(0);

if("Choose Doctor".equals(item)){

JOptionPane.showMessageDialog(null, "Please Chooese Doctor");

}

else{

String sql1 = "insert into patient\_info values(?,?,?,?,?,?,?,?,?,?)";

try {

Connection connection = JDBC.getConnection();

String sql2 = "select \* from present where idx=1";

PreparedStatement ps2 = connection.prepareStatement(sql2);

ResultSet rs;

rs = ps2.executeQuery();

while(rs.next()){

PreparedStatement ps1 = connection.prepareStatement(sql1);

ps1.setString(1, null);

ps1.setString(2, null);

ps1.setString(3, rs.getString("present\_id"));

ps1.setString(4, rs.getString("present\_name"));

ps1.setString(5, rs.getString("present\_sex"));

ps1.setString(6, null);

ps1.setString(7, null);

ps1.setString(8, null);

ps1.setString(9, doctor.getSelectedItem().toString());

ps1.setString(10, department.getSelectedItem().toString());

ps1.executeUpdate();

}

String sql3 = "select max(reginum) from patient\_info";

Statement ps3 = (Statement) connection.createStatement();

ResultSet rs3;

rs3=ps3.executeQuery(sql3);

while(rs3.next()){

int i=rs3.getInt("max(reginum)");

JOptionPane.showMessageDialog(null, "Please Pay Attention Your Registration Num:"+i);

}

dispose();

new Patient().setVisible(true);

} catch (Exception ex) {

Logger.getLogger(Registration.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

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

// TODO add your handling code here:

}

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

}

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

}

private void departmentItemStateChanged(java.awt.event.ItemEvent evt) {

department.removeItem("Choose Department");

try {

String item = evt.getItem().toString();

Connection connection = JDBC.getConnection();

doctor.removeAllItems();

String sql="select \* from doctor where department=?";

ResultSet rs;

PreparedStatement ps = connection.prepareStatement(sql);

ps.setString(1,item);

rs=ps.executeQuery();

while(rs.next()){

doctor.addItem(rs.getString("doctor\_name"));

}

} catch (Exception ex) {

Logger.getLogger(Registration.class.getName()).log(Level.SEVERE, null, ex);

}

}

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

// TODO add your handling code here:

dispose();

new Patient().setVisible(true);

}

public static void main(String args[]) {

Registration r = new Registration();

r.setVisible(true);

}

// Variables declaration - do not modify

private javax.swing.JComboBox department;

private javax.swing.JComboBox doctor;

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.JLabel jLabel4;

private javax.swing.JLabel jLabel6;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

// End of variables declaration

}

**Code of DBclass.java**

package hospital\_Admission;

import java.sql.\*;

public class DBClass {

static private Connection connection;

public static Connection getConnection() throws Exception

{

if(connection==null)

{Class.forName("com.mysql.jdbc.Driver");

connection= DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital","root","1234");

}

return connection;

}

}

**Code of Doctor\_BedManagement.java**

package hospital\_Admission;

import java.awt.Point;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.swing.JOptionPane;

import java.sql.\*;

public class Doctor\_BedManagement extends javax.swing.JFrame {

/\*\*

\* Creates new form BedManagement

\*/

public Doctor\_BedManagement() {

initComponents();

this.setResizable(false);

this.setTitle("Doctor\_BedManagement");

setLocationRelativeTo(null);

idcard.setEnabled(false);

bed.setEnabled(false);

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

this.setLayout(null);

}

private void showInfo(String bednum) {

try {

Connection con = DBClass.getConnection();

String str = "select idcard from bed where bednumber=?";

PreparedStatement pst = con.prepareStatement(str);

pst.setString(1, bednum);

ResultSet rs = pst.executeQuery();

String id = new String();

if (rs.next()) {

id = rs.getString(1);

} else {

throw new Exception("Con't find");

}

pst = con.prepareStatement("select \* from patient where idcard=?");

pst.setString(1, id);

rs = pst.executeQuery();

DefaultTableModel tm = (DefaultTableModel) info.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

// for (int s = 0; s < 9; s++) {

// if(s==2)

// {

// a = String.valueOf(rs.getInt(s+1));

// continue;

// }

// a = rs.getString(s + 1);

// tm.setValueAt(a, s+1, 2);

//

// }

// tm.setValueAt(bednum, 10, 2);

a[0] = "Idcard";

a[1] = rs.getString(1);

tm.addRow(a);

a[0] = "Name";

a[1] = rs.getString(2);

tm.addRow(a);

a[0] = "Age";

a[1] = String.valueOf(rs.getInt(3));

tm.addRow(a);

a[0] = "Sex";

a[1] = rs.getString(4);

tm.addRow(a);

a[0] = "DOB";

a[1] = rs.getString(5);

tm.addRow(a);

a[0] = "CellPhone";

a[1] = rs.getString(6);

tm.addRow(a);

a[0] = "Department";

a[1] = rs.getString(7);

tm.addRow(a);

a[0] = "DOA";

a[1] = rs.getString(8);

tm.addRow(a);

a[0] = "Doctor";

a[1] = rs.getString(9);

tm.addRow(a);

a[0] = "Bed";

a[1] = bednum;

tm.addRow(a);

}

tm.fireTableDataChanged();

info.setVisible(true);

} catch (Exception e) {

// JOptionPane.showMessageDialog(this, e.getMessage());

if (e.getMessage().equals("Con't find")) {

info.setVisible(false);

}

}

}

/\*\*

\* 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() {

A1 = new javax.swing.JLabel();

B1 = new javax.swing.JLabel();

A2 = new javax.swing.JLabel();

A3 = new javax.swing.JLabel();

A4 = new javax.swing.JLabel();

E2 = new javax.swing.JLabel();

E1 = new javax.swing.JLabel();

E3 = new javax.swing.JLabel();

E4 = new javax.swing.JLabel();

B2 = new javax.swing.JLabel();

C1 = new javax.swing.JLabel();

C2 = new javax.swing.JLabel();

D1 = new javax.swing.JLabel();

D2 = new javax.swing.JLabel();

department = new javax.swing.JComboBox();

jScrollPane1 = new javax.swing.JScrollPane();

patienttable = new javax.swing.JTable();

idcard = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

bedlabel = new javax.swing.JLabel();

bed = new javax.swing.JTextField();

arrow2 = new javax.swing.JLabel();

arrow1 = new javax.swing.JLabel();

arrow3 = new javax.swing.JLabel();

jScrollPane2 = new javax.swing.JScrollPane();

info = new javax.swing.JTable();

map = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

A1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A1.addMouseListener(new java.awt.event.MouseAdapter() {

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

A1MouseEntered(evt);

}

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

A1MouseExited(evt);

}

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

A1MouseReleased(evt);

}

});

getContentPane().add(A1, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 100, -1, -1));

B1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

B1.addMouseListener(new java.awt.event.MouseAdapter() {

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

B1MouseEntered(evt);

}

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

B1MouseReleased(evt);

}

});

getContentPane().add(B1, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 20, -1, -1));

A2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A2.addMouseListener(new java.awt.event.MouseAdapter() {

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

A2MouseEntered(evt);

}

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

A2MouseReleased(evt);

}

});

getContentPane().add(A2, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 150, -1, -1));

A3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A3.addMouseListener(new java.awt.event.MouseAdapter() {

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

A3MouseEntered(evt);

}

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

A3MouseReleased(evt);

}

});

getContentPane().add(A3, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 200, -1, -1));

A4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A4.addMouseListener(new java.awt.event.MouseAdapter() {

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

A4MouseEntered(evt);

}

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

A4MouseReleased(evt);

}

});

getContentPane().add(A4, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 240, -1, -1));

E2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E2.addMouseListener(new java.awt.event.MouseAdapter() {

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

E2MouseEntered(evt);

}

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

E2MouseReleased(evt);

}

});

getContentPane().add(E2, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 160, -1, -1));

E1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E1.addMouseListener(new java.awt.event.MouseAdapter() {

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

E1MouseEntered(evt);

}

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

E1MouseReleased(evt);

}

});

getContentPane().add(E1, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 110, -1, -1));

E3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E3.addMouseListener(new java.awt.event.MouseAdapter() {

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

E3MouseEntered(evt);

}

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

E3MouseReleased(evt);

}

});

getContentPane().add(E3, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 210, -1, -1));

E4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E4.addMouseListener(new java.awt.event.MouseAdapter() {

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

E4MouseEntered(evt);

}

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

E4MousePressed(evt);

}

});

getContentPane().add(E4, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 250, -1, -1));

B2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

B2.addMouseListener(new java.awt.event.MouseAdapter() {

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

B2MouseEntered(evt);

}

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

B2MouseReleased(evt);

}

});

getContentPane().add(B2, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 20, -1, -1));

C1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

C1.addMouseListener(new java.awt.event.MouseAdapter() {

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

C1MouseEntered(evt);

}

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

C1MouseReleased(evt);

}

});

getContentPane().add(C1, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 20, -1, -1));

C2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

C2.addMouseListener(new java.awt.event.MouseAdapter() {

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

C2MouseEntered(evt);

}

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

C2MouseReleased(evt);

}

});

getContentPane().add(C2, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 20, -1, -1));

D1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

D1.addMouseListener(new java.awt.event.MouseAdapter() {

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

D1MouseEntered(evt);

}

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

D1MouseReleased(evt);

}

});

getContentPane().add(D1, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 20, -1, -1));

D2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

D2.addMouseListener(new java.awt.event.MouseAdapter() {

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

D2MouseEntered(evt);

}

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

D2MouseReleased(evt);

}

});

getContentPane().add(D2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 20, -1, -1));

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "SelectDepartment", "orthopedics", "pediatric", "dermatology" }));

department.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

departmentItemStateChanged(evt);

}

});

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 10, 150, -1));

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

new Object [][] {

{null, null},

{null, null},

{null, null},

{null, null}

},

new String [] {

"IDCard", "Name"

}

));

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

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

patienttableMouseReleased(evt);

}

});

jScrollPane1.setViewportView(patienttable);

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 60, 240, 90));

getContentPane().add(idcard, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 170, 130, -1));

jLabel2.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 51));

jLabel2.setText("IDCard:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 170, -1, -1));

bedlabel.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

bedlabel.setForeground(new java.awt.Color(255, 255, 0));

bedlabel.setText("BedNumber:");

getContentPane().add(bedlabel, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 220, -1, 20));

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

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

bedActionPerformed(evt);

}

});

getContentPane().add(bed, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 220, 130, -1));

arrow2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/arrow2.jpg"))); // NOI18N

getContentPane().add(arrow2, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 350, -1, -1));

arrow1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/arrow1.jpg"))); // NOI18N

getContentPane().add(arrow1, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 350, -1, -1));

arrow3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/arrow3.jpg"))); // NOI18N

getContentPane().add(arrow3, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 350, -1, -1));

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

new Object [][] {

{"Idcard", null},

{"Name", null},

{"Age", null},

{"Sex", null},

{"DOB", null},

{"CellPhone", null},

{"Department", null},

{"DOA", null},

{"Doctor", null},

{"Bed", null}

},

new String [] {

"Property", "Info"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane2.setViewportView(info);

getContentPane().add(jScrollPane2, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 260, 160, 190));

map.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/map.png"))); // NOI18N

getContentPane().add(map, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel3.setText("Tips 1.Select a department.");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 390, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel4.setText("2.Then you will get some rows in the table select one of them.");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 410, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel5.setText("3.Enter your mouse into the bed icon and you can find private infomation →");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 460, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jButton1.setText("Back");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 330, -1, -1));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk1.jpg"))); // NOI18N

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 10, -1, -1));

pack();

}// </editor-fold>

private void departmentItemStateChanged(java.awt.event.ItemEvent evt) {

patienttable.removeAll();

String item = evt.getItem().toString();

try {

if (item.equals("orthopedics")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='orthopedics'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("pediatric")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='pediatric'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("dermatology")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='dermatology'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

private void patienttableMouseReleased(java.awt.event.MouseEvent evt) {

String[][] NameToLocation = {{"A1", String.valueOf(A1.getLocation().x), String.valueOf(A1.getLocation().y)},

{"A2", String.valueOf(A2.getLocation().x), String.valueOf(A2.getLocation().y)},

{"A3", String.valueOf(A3.getLocation().x), String.valueOf(A3.getLocation().y)},

{"A4", String.valueOf(A4.getLocation().x), String.valueOf(A4.getLocation().y)},

{"B1", String.valueOf(B1.getLocation().x), String.valueOf(B1.getLocation().y)},

{"B2", String.valueOf(B2.getLocation().x), String.valueOf(B2.getLocation().y)},

{"C1", String.valueOf(C1.getLocation().x), String.valueOf(C1.getLocation().y)},

{"C2", String.valueOf(C2.getLocation().x), String.valueOf(C2.getLocation().y)},

{"D1", String.valueOf(D1.getLocation().x), String.valueOf(D1.getLocation().y)},

{"D2", String.valueOf(D2.getLocation().x), String.valueOf(D2.getLocation().y)},

{"E1", String.valueOf(E1.getLocation().x), String.valueOf(E1.getLocation().y)},

{"E2", String.valueOf(E2.getLocation().x), String.valueOf(E2.getLocation().y)},

{"E3", String.valueOf(E3.getLocation().x), String.valueOf(E3.getLocation().y)},

{"E4", String.valueOf(E4.getLocation().x), String.valueOf(E4.getLocation().y)}};

if (patienttable.getSelectedRowCount() > 0) {

bed.setText(null);

int rownum = patienttable.getSelectedRow();

String id = patienttable.getValueAt(rownum, 0).toString();

idcard.setText(id);

try {

Connection con = DBClass.getConnection();

PreparedStatement pst = con.prepareStatement("select bednumber from bed where idcard=?");

pst.setString(1, id);

ResultSet rs = pst.executeQuery();

if (rs.next()) {

bed.setText(rs.getString(1));

int i = 0;

while (!bed.getText().equals(NameToLocation[i][0])) {

++i;

}

if (i < 4) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(Integer.parseInt(NameToLocation[i][1]), Integer.parseInt(NameToLocation[i][2]));

p.x -= 35;

arrow1.setLocation(p);

} else if (i < 10) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(Integer.parseInt(NameToLocation[i][1]), Integer.parseInt(NameToLocation[i][2]));

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

} else {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(Integer.parseInt(NameToLocation[i][1]), Integer.parseInt(NameToLocation[i][2]));

p.x += 35;

arrow3.setLocation(p);

}

//

} else {

JOptionPane.showMessageDialog(this, "He/She doesn't have a bed.");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e.toString());

}

}

}

private void A1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A1.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A1");

}

private void A2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A2.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A2");

}

private void A3MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A3.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A3");

}

private void A4MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A4.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A4");

}

private void E1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E1.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E1");

}

private void E2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E2.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E2");

}

private void E3MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E3.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E3");

}

private void E4MousePressed(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E4.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E4");

}

private void B1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(B1.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("B1");

}

private void B2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(B2.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("B2");

}

private void C1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(C1.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("C1");

}

private void C2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(C2.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("C2");

}

private void D1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(D1.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("D1");

}

private void D2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(D2.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("D2");

}

private void A1MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("A1");

}

private void A1MouseExited(java.awt.event.MouseEvent evt) {

}

private void A2MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("A2"); // TODO add your handling code here:

}

private void A3MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("A3"); // TODO add your handling code here:

}

private void A4MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("A4"); // TODO add your handling code here:

}

private void B1MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("B1"); // TODO add your handling code here:

}

private void B2MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("B2"); // TODO add your handling code here:

}

private void C1MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("C1"); // TODO add your handling code here:

}

private void C2MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("C2"); // TODO add your handling code here:

}

private void D1MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("D1"); // TODO add your handling code here:

}

private void D2MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("D2"); // TODO add your handling code here:

}

private void E1MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("E1"); // TODO add your handling code here:

}

private void E2MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("E2"); // TODO add your handling code here:

}

private void E3MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("E3"); // TODO add your handling code here:

}

private void E4MouseEntered(java.awt.event.MouseEvent evt) {

showInfo("E4"); // TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

this.dispose();

new Hospital\_Management().show();

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Doctor\_BedManagement.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 Doctor\_BedManagement().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JLabel A1;

private javax.swing.JLabel A2;

private javax.swing.JLabel A3;

private javax.swing.JLabel A4;

private javax.swing.JLabel B1;

private javax.swing.JLabel B2;

private javax.swing.JLabel C1;

private javax.swing.JLabel C2;

private javax.swing.JLabel D1;

private javax.swing.JLabel D2;

private javax.swing.JLabel E1;

private javax.swing.JLabel E2;

private javax.swing.JLabel E3;

private javax.swing.JLabel E4;

private javax.swing.JLabel arrow1;

private javax.swing.JLabel arrow2;

private javax.swing.JLabel arrow3;

private javax.swing.JTextField bed;

private javax.swing.JLabel bedlabel;

private javax.swing.JComboBox department;

private javax.swing.JTextField idcard;

private javax.swing.JTable info;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JLabel map;

private javax.swing.JTable patienttable;

// End of variables declaration

}

**Code of Doctor\_UpdateRegistration.java**

package hospital\_Admission;

import com.mysql.jdbc.Statement;

import java.sql.\*;

import java.text.SimpleDateFormat;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class Doctor\_UpdateRegistration extends javax.swing.JFrame implements Runnable {

/\*\*

\* Creates new form UpdateRegistration

\*/

public Doctor\_UpdateRegistration() {

initComponents();

this.setVisible(true);

this.setResizable(false);

setLocationRelativeTo(null);

this.setTitle("UpdateRegistration");

tf.setEnabled(false);

}

/\*\*

\* 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() {

jSpinner1 = new javax.swing.JSpinner();

department = new javax.swing.JComboBox();

jScrollPane1 = new javax.swing.JScrollPane();

patienttable = new javax.swing.JTable();

search = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

sex = new javax.swing.JComboBox();

jLabel3 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

name = new javax.swing.JTextField();

age = new javax.swing.JTextField();

dob = new javax.swing.JTextField();

cellphone = new javax.swing.JTextField();

department1 = new javax.swing.JComboBox();

jLabel11 = new javax.swing.JLabel();

doa = new javax.swing.JTextField();

doctor = new javax.swing.JTextField();

update = new javax.swing.JButton();

delete = new javax.swing.JButton();

namesearch = new javax.swing.JComboBox();

tf = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jLabel16 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "SelectDepartment", "orthopedics", "pediatric", "dermatology" }));

department.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

departmentItemStateChanged(evt);

}

});

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 55, 141, -1));

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

new Object [][] {

{null, null},

{null, null},

{null, null},

{null, null}

},

new String [] {

"IDCard", "Name"

}

));

jScrollPane1.setViewportView(patienttable);

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 140, 230, 93));

search.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

search.setText("Search");

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

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

searchActionPerformed(evt);

}

});

getContentPane().add(search, new org.netbeans.lib.awtextra.AbsoluteConstraints(86, 277, -1, -1));

jLabel6.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel6.setForeground(new java.awt.Color(204, 51, 0));

jLabel6.setText("CellPhoneNumber:");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 210, -1, 20));

jLabel4.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel4.setForeground(new java.awt.Color(204, 51, 0));

jLabel4.setText("Age:");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 130, -1, 20));

jLabel5.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel5.setForeground(new java.awt.Color(204, 51, 0));

jLabel5.setText("DateOfBirth:");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 170, -1, 20));

sex.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

sex.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Male", "Female" }));

getContentPane().add(sex, new org.netbeans.lib.awtextra.AbsoluteConstraints(532, 130, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel3.setForeground(new java.awt.Color(204, 51, 0));

jLabel3.setText("Name:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 90, -1, 20));

jLabel9.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel9.setForeground(new java.awt.Color(204, 51, 0));

jLabel9.setText("DateOfAdmmision:");

getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 290, -1, 20));

jLabel7.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel7.setForeground(new java.awt.Color(204, 51, 0));

jLabel7.setText("Department:");

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(280, 250, -1, 20));

jLabel10.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel10.setForeground(new java.awt.Color(204, 51, 0));

jLabel10.setText("Doctor:");

getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 330, -1, 20));

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

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

nameActionPerformed(evt);

}

});

name.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyReleased(java.awt.event.KeyEvent evt) {

nameKeyReleased(evt);

}

});

getContentPane().add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 91, 200, -1));

getContentPane().add(age, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 130, 86, -1));

getContentPane().add(dob, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 169, 200, -1));

getContentPane().add(cellphone, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 208, 200, -1));

department1.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "orthopedics", "pediatric", "dermatology" }));

department1.addActionListener(new java.awt.event.ActionListener() {

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

department1ActionPerformed(evt);

}

});

getContentPane().add(department1, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 247, 119, -1));

jLabel11.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel11.setForeground(new java.awt.Color(255, 0, 51));

jLabel11.setText("Sex:");

getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 130, -1, -1));

getContentPane().add(doa, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 286, 200, -1));

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

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

doctorActionPerformed(evt);

}

});

getContentPane().add(doctor, new org.netbeans.lib.awtextra.AbsoluteConstraints(394, 326, 200, -1));

update.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

update.setText("Update");

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

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

updateActionPerformed(evt);

}

});

getContentPane().add(update, new org.netbeans.lib.awtextra.AbsoluteConstraints(86, 325, -1, -1));

delete.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

delete.setText("Delete");

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

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

deleteActionPerformed(evt);

}

});

getContentPane().add(delete, new org.netbeans.lib.awtextra.AbsoluteConstraints(86, 366, -1, -1));

namesearch.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

namesearchItemStateChanged(evt);

}

});

namesearch.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

namesearchFocusLost(evt);

}

});

getContentPane().add(namesearch, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 60, 200, -1));

getContentPane().add(tf, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 80, -1));

jLabel2.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 204, 204));

jLabel2.setText("Tips:1.Select a department ↑");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 90, -1, -1));

jLabel8.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel8.setForeground(new java.awt.Color(255, 204, 204));

jLabel8.setText("2.Then You will get many rows in the table ↓");

getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 110, -1, -1));

jLabel12.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel12.setForeground(new java.awt.Color(255, 204, 204));

jLabel12.setText("3.Select one row then click search button ");

getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 240, -1, -1));

jLabel13.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel13.setText("4.You can update any values on the right side,click Update button");

getContentPane().add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 390, -1, -1));

jLabel14.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel14.setText("5.You can delete any row if you select it and click Delete button");

getContentPane().add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 410, -1, -1));

jLabel15.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel15.setForeground(new java.awt.Color(255, 204, 204));

jLabel15.setText("AdditonTip: You can insert something in you name ");

getContentPane().add(jLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 20, -1, 10));

jLabel16.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel16.setForeground(new java.awt.Color(255, 204, 204));

jLabel16.setText("And you will get some item in the combo box to select you will get full name");

getContentPane().add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 40, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jButton1.setText("Back");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 360, -1, -1));

jLabel1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk3.jpg"))); // NOI18N

jLabel1.addAncestorListener(new javax.swing.event.AncestorListener() {

public void ancestorMoved(javax.swing.event.AncestorEvent evt) {

}

public void ancestorAdded(javax.swing.event.AncestorEvent evt) {

jLabel1AncestorAdded(evt);

}

public void ancestorRemoved(javax.swing.event.AncestorEvent evt) {

}

});

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 730, 450));

pack();

}// </editor-fold>

private void departmentItemStateChanged(java.awt.event.ItemEvent evt) {

patienttable.removeAll();

String item = evt.getItem().toString();

try {

if (item.equals("orthopedics")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='orthopedics'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("pediatric")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='pediatric'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("dermatology")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='dermatology'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

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

try {

int rownum = patienttable.getSelectedRow();

String id = patienttable.getValueAt(rownum, 0).toString();

String str = "select \* from patient where idcard='" + id + "'";

Connection con = DBClass.getConnection();

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

while (rs.next()) {

name.setText(rs.getString(2));

age.setText(String.valueOf(rs.getInt(3)));

if (rs.getString(4).equals("Male")) {

sex.setSelectedIndex(0);

} else {

sex.setSelectedIndex(1);

}

dob.setText(rs.getString(5));

cellphone.setText(rs.getString(6));

if (rs.getString(7).equals("orthopedics")) {

department1.setSelectedIndex(0);

} else if (rs.getString(7).equals("pediatric")) {

department1.setSelectedIndex(1);

} else {

department1.setSelectedIndex(2);

}

doa.setText(rs.getString(8));

doctor.setText(rs.getString(9));

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

private void department1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

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

try {

Connection con = DBClass.getConnection();

int rownum = patienttable.getSelectedRow();

String id = patienttable.getValueAt(rownum, 0).toString();

String str = "update patient set name=?,age=?,sex=?,dob=?,cellphone=?,department=?,doa=?,doctor=? where idcard='" + id + "'";

PreparedStatement pst = con.prepareStatement(str);

pst.setString(1, name.getText());

pst.setInt(2, Integer.parseInt(age.getText()));

pst.setString(3, sex.getSelectedItem().toString());

pst.setString(4, dob.getText());

pst.setString(5, cellphone.getText());

pst.setString(6, department1.getSelectedItem().toString());

pst.setString(7, doa.getText());

pst.setString(8, doctor.getText());

int rs = pst.executeUpdate();

if (rs > 0) {

JOptionPane.showMessageDialog(this, "Update successfully");

} else {

JOptionPane.showMessageDialog(this, "Not update successfully");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

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

try {

int rownum = patienttable.getSelectedRow();

String id = patienttable.getValueAt(rownum, 0).toString();

String str = "delete from patient where idcard='" + id + "'";

Connection con = DBClass.getConnection();

Statement st = (Statement) con.createStatement();

if (st.execute(str)) {

JOptionPane.showMessageDialog(this, "Not Delete successfully");

} else {

JOptionPane.showMessageDialog(this, "Delete successfully");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

private void nameKeyReleased(java.awt.event.KeyEvent evt) {

namesearch.removeAllItems();

try {

Connection con = DBClass.getConnection();

String str = "select name from patient where name like ?";

PreparedStatement pst = con.prepareStatement(str);

pst.setString(1, name.getText() + "%");

ResultSet rs = pst.executeQuery();

while (rs.next()) {

Object obj = new Object();

obj = rs.getString(1);

namesearch.addItem(obj);

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

private void namesearchItemStateChanged(java.awt.event.ItemEvent evt) {

}

private void namesearchFocusLost(java.awt.event.FocusEvent evt) {

if (namesearch.getItemCount() != 0) {

String item = namesearch.getSelectedItem().toString();

if (name.getText() != item) {

name.setText(item);

}

this.hide();

}

}

private void jLabel1AncestorAdded(javax.swing.event.AncestorEvent evt) {

// TODO add your handling code here:

}

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

this.dispose();

new Hospital\_Management().show(); // TODO add your handling code here:

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\*

\* Create and display the form

\*/

Doctor\_UpdateRegistration obj = new Doctor\_UpdateRegistration();

Thread th = new Thread(obj);

th.start();

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

public void run() {

// new UpdateRegistration().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField age;

private javax.swing.JTextField cellphone;

private javax.swing.JButton delete;

private javax.swing.JComboBox department;

private javax.swing.JComboBox department1;

private javax.swing.JTextField doa;

private javax.swing.JTextField dob;

private javax.swing.JTextField doctor;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel16;

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.JScrollPane jScrollPane1;

private javax.swing.JSpinner jSpinner1;

private javax.swing.JTextField name;

private javax.swing.JComboBox namesearch;

private javax.swing.JTable patienttable;

private javax.swing.JButton search;

private javax.swing.JComboBox sex;

private javax.swing.JTextField tf;

private javax.swing.JButton update;

// End of variables declaration

@Override

public void run() {

this.setVisible(true);

while (true) {

for (int i = 0; i < 380; i++) {

try {

Thread.sleep(10);

} catch (InterruptedException ex) {

}

java.util.Date date = new java.util.Date();

String str = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss").format(date);

tf.setText(str);

tf.setBounds(i, 10, 150, 30);

}

for (int i = 380; i >= 0; i--) {

try {

Thread.sleep(10);

} catch (InterruptedException ex) {

}

java.util.Date date = new java.util.Date();

String str = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss").format(date);

tf.setText(str);

tf.setBounds(i, 10, 150, 30);

}

}

}

}

**Code of Hospital\_Management.java:**

package hospital\_Admission;

import hospital.Doctor.Doctor\_Manager;

public class Hospital\_Management extends javax.swing.JFrame {

/\*\*

\* Creates new form 入院管理

\*/

public Hospital\_Management() {

initComponents();

this.setResizable(false);

this.setTitle("Hospital\_Management");

setLocationRelativeTo(null);

}

/\*\*

\* 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() {

jMenu7 = new javax.swing.JMenu();

jProgressBar1 = new javax.swing.JProgressBar();

desk = new javax.swing.JLabel();

jMenuBar2 = new javax.swing.JMenuBar();

jMenu3 = new javax.swing.JMenu();

jMenuItem3 = new javax.swing.JMenuItem();

jMenuItem2 = new javax.swing.JMenuItem();

jMenuItem4 = new javax.swing.JMenuItem();

jMenuItem5 = new javax.swing.JMenuItem();

jMenu5 = new javax.swing.JMenu();

jMenuItem1 = new javax.swing.JMenuItem();

jMenuItem6 = new javax.swing.JMenuItem();

jMenu9 = new javax.swing.JMenu();

jMenu7.setText("jMenu7");

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

desk.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk.jpg"))); // NOI18N

jMenuBar2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));

jMenuBar2.setPreferredSize(new java.awt.Dimension(600, 40));

jMenu3.setBorder(new javax.swing.border.MatteBorder(null));

jMenu3.setText("Hospital management ");

jMenu3.setFocusable(false);

jMenu3.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); // NOI18N

jMenu3.addActionListener(new java.awt.event.ActionListener() {

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

jMenu3ActionPerformed(evt);

}

});

jMenuItem3.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 20)); // NOI18N

jMenuItem3.setText("Update Patient Info");

jMenuItem3.addActionListener(new java.awt.event.ActionListener() {

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

jMenuItem3ActionPerformed(evt);

}

});

jMenu3.add(jMenuItem3);

jMenuItem2.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 20)); // NOI18N

jMenuItem2.setText("Patient Registration");

jMenuItem2.addActionListener(new java.awt.event.ActionListener() {

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

jMenuItem2ActionPerformed(evt);

}

});

jMenu3.add(jMenuItem2);

jMenuItem4.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 20)); // NOI18N

jMenuItem4.setText("Delete Patient Info");

jMenuItem4.addActionListener(new java.awt.event.ActionListener() {

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

jMenuItem4ActionPerformed(evt);

}

});

jMenu3.add(jMenuItem4);

jMenuItem5.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 20)); // NOI18N

jMenuItem5.setText("Add Patient Photo");

jMenuItem5.addActionListener(new java.awt.event.ActionListener() {

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

jMenuItem5ActionPerformed(evt);

}

});

jMenu3.add(jMenuItem5);

jMenuBar2.add(jMenu3);

jMenu5.setBorder(new javax.swing.border.MatteBorder(null));

jMenu5.setText("Inpatient Management ");

jMenu5.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); // NOI18N

jMenuItem1.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 20)); // NOI18N

jMenuItem1.setText("Doctor");

jMenuItem1.addActionListener(new java.awt.event.ActionListener() {

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

jMenuItem1ActionPerformed(evt);

}

});

jMenu5.add(jMenuItem1);

jMenuItem6.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 20)); // NOI18N

jMenuItem6.setText("Patient");

jMenuItem6.addActionListener(new java.awt.event.ActionListener() {

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

jMenuItem6ActionPerformed(evt);

}

});

jMenu5.add(jMenuItem6);

jMenuBar2.add(jMenu5);

jMenu9.setBorder(new javax.swing.border.MatteBorder(null));

jMenu9.setText("Back");

jMenu9.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); // NOI18N

jMenu9.addMouseListener(new java.awt.event.MouseAdapter() {

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

jMenu9MouseClicked(evt);

}

});

jMenu9.addActionListener(new java.awt.event.ActionListener() {

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

jMenu9ActionPerformed(evt);

}

});

jMenuBar2.add(jMenu9);

setJMenuBar(jMenuBar2);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

);

layout.setVerticalGroup(

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

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

);

pack();

}// </editor-fold>

private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {

Patient\_Registration hospitalRegistration = new Patient\_Registration();

hospitalRegistration.show();// TODO add your handling code here:

}

private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {

Doctor\_UpdateRegistration obj = new Doctor\_UpdateRegistration();

obj.show();

this.dispose();

}

private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) {

Patient\_BedManagement obj = new Patient\_BedManagement();

obj.show();// TODO add your handling code here:

this.dispose();

}

private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {

Doctor\_UpdateRegistration obj = new Doctor\_UpdateRegistration();

obj.show(); // TODO add your handling code here:

this.dispose();

}

private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {

Patient\_Photo obj = new Patient\_Photo();

obj.show();// TODO add your handling code here:

this.dispose();

}

private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {

Doctor\_BedManagement obj = new Doctor\_BedManagement();

obj.show();// TODO add your handling code here:

this.dispose();

}

private void jMenu3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jMenu9ActionPerformed(java.awt.event.ActionEvent evt) {

}

private void jMenu9MouseClicked(java.awt.event.MouseEvent evt) {

new Doctor\_Manager().show();

this.dispose(); // TODO add your handling code here:

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Hospital\_Management.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 Hospital\_Management().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JLabel desk;

private javax.swing.JMenu jMenu3;

private javax.swing.JMenu jMenu5;

private javax.swing.JMenu jMenu7;

private javax.swing.JMenu jMenu9;

private javax.swing.JMenuBar jMenuBar2;

private javax.swing.JMenuItem jMenuItem1;

private javax.swing.JMenuItem jMenuItem2;

private javax.swing.JMenuItem jMenuItem3;

private javax.swing.JMenuItem jMenuItem4;

private javax.swing.JMenuItem jMenuItem5;

private javax.swing.JMenuItem jMenuItem6;

private javax.swing.JProgressBar jProgressBar1;

// End of variables declaration

}

**Code of Patient\_BedManagement.java**

package hospital\_Admission;

import java.awt.Point;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.swing.JOptionPane;

import java.sql.\*;

import javax.swing.table.DefaultTableModel;

public class Patient\_BedManagement extends javax.swing.JFrame {

/\*\*

\* Creates new form BedManagement

\*/

public Patient\_BedManagement() {

initComponents();

this.setResizable(false);

this.setTitle("Patient\_BedManagement");

setLocationRelativeTo(null);

idcard.setEnabled(false);

bed.setEnabled(false);

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

this.setLayout(null);

}

/\*\*

\* 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() {

A1 = new javax.swing.JLabel();

B1 = new javax.swing.JLabel();

A2 = new javax.swing.JLabel();

A3 = new javax.swing.JLabel();

A4 = new javax.swing.JLabel();

E2 = new javax.swing.JLabel();

E1 = new javax.swing.JLabel();

E3 = new javax.swing.JLabel();

E4 = new javax.swing.JLabel();

B2 = new javax.swing.JLabel();

C1 = new javax.swing.JLabel();

C2 = new javax.swing.JLabel();

D1 = new javax.swing.JLabel();

D2 = new javax.swing.JLabel();

department = new javax.swing.JComboBox();

jScrollPane1 = new javax.swing.JScrollPane();

patienttable = new javax.swing.JTable();

idcard = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

bedlabel = new javax.swing.JLabel();

bed = new javax.swing.JTextField();

arrow2 = new javax.swing.JLabel();

arrow1 = new javax.swing.JLabel();

arrow3 = new javax.swing.JLabel();

map = new javax.swing.JLabel();

submit = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

A1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A1.addMouseListener(new java.awt.event.MouseAdapter() {

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

A1MouseReleased(evt);

}

});

getContentPane().add(A1, new org.netbeans.lib.awtextra.AbsoluteConstraints(810, 100, -1, -1));

B1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

B1.addMouseListener(new java.awt.event.MouseAdapter() {

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

B1MouseReleased(evt);

}

});

getContentPane().add(B1, new org.netbeans.lib.awtextra.AbsoluteConstraints(810, 20, -1, -1));

A2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A2.addMouseListener(new java.awt.event.MouseAdapter() {

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

A2MouseReleased(evt);

}

});

getContentPane().add(A2, new org.netbeans.lib.awtextra.AbsoluteConstraints(810, 150, -1, -1));

A3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A3.addMouseListener(new java.awt.event.MouseAdapter() {

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

A3MouseReleased(evt);

}

});

getContentPane().add(A3, new org.netbeans.lib.awtextra.AbsoluteConstraints(810, 200, -1, -1));

A4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

A4.addMouseListener(new java.awt.event.MouseAdapter() {

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

A4MouseReleased(evt);

}

});

getContentPane().add(A4, new org.netbeans.lib.awtextra.AbsoluteConstraints(810, 240, -1, -1));

E2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E2.addMouseListener(new java.awt.event.MouseAdapter() {

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

E2MouseReleased(evt);

}

});

getContentPane().add(E2, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 160, -1, -1));

E1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E1.addMouseListener(new java.awt.event.MouseAdapter() {

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

E1MouseReleased(evt);

}

});

getContentPane().add(E1, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 110, -1, -1));

E3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E3.addMouseListener(new java.awt.event.MouseAdapter() {

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

E3MouseReleased(evt);

}

});

getContentPane().add(E3, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 210, -1, -1));

E4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed1.jpg"))); // NOI18N

E4.addMouseListener(new java.awt.event.MouseAdapter() {

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

E4MousePressed(evt);

}

});

getContentPane().add(E4, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 250, -1, -1));

B2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

B2.addMouseListener(new java.awt.event.MouseAdapter() {

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

B2MouseReleased(evt);

}

});

getContentPane().add(B2, new org.netbeans.lib.awtextra.AbsoluteConstraints(760, 20, -1, -1));

C1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

C1.addMouseListener(new java.awt.event.MouseAdapter() {

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

C1MouseReleased(evt);

}

});

getContentPane().add(C1, new org.netbeans.lib.awtextra.AbsoluteConstraints(680, 20, -1, -1));

C2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

C2.addMouseListener(new java.awt.event.MouseAdapter() {

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

C2MouseReleased(evt);

}

});

getContentPane().add(C2, new org.netbeans.lib.awtextra.AbsoluteConstraints(630, 20, -1, -1));

D1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

D1.addMouseListener(new java.awt.event.MouseAdapter() {

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

D1MouseReleased(evt);

}

});

getContentPane().add(D1, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 20, -1, -1));

D2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/bed2.jpg"))); // NOI18N

D2.addMouseListener(new java.awt.event.MouseAdapter() {

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

D2MouseReleased(evt);

}

});

getContentPane().add(D2, new org.netbeans.lib.awtextra.AbsoluteConstraints(510, 20, -1, -1));

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "SelectDepartment", "orthopedics", "pediatric", "dermatology" }));

department.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

departmentItemStateChanged(evt);

}

});

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 70, -1, -1));

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

new Object [][] {

{null, null},

{null, null},

{null, null},

{null, null}

},

new String [] {

"IDCard", "Name"

}

));

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

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

patienttableMouseReleased(evt);

}

});

jScrollPane1.setViewportView(patienttable);

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 120, 240, 90));

getContentPane().add(idcard, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 230, 130, -1));

jLabel2.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("IDCard");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 230, -1, -1));

bedlabel.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

bedlabel.setForeground(new java.awt.Color(255, 255, 0));

bedlabel.setText("BedNumber");

getContentPane().add(bedlabel, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 280, -1, 20));

getContentPane().add(bed, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 280, 130, -1));

arrow2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/arrow2.jpg"))); // NOI18N

getContentPane().add(arrow2, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 350, -1, -1));

arrow1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/arrow1.jpg"))); // NOI18N

getContentPane().add(arrow1, new org.netbeans.lib.awtextra.AbsoluteConstraints(600, 350, -1, -1));

arrow3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/arrow3.jpg"))); // NOI18N

getContentPane().add(arrow3, new org.netbeans.lib.awtextra.AbsoluteConstraints(540, 350, -1, -1));

map.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/map.png"))); // NOI18N

getContentPane().add(map, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 10, -1, -1));

submit.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

submit.setText("Submit");

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

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

submitActionPerformed(evt);

}

});

getContentPane().add(submit, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 360, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel3.setText("Tips 1.Select a department.");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 10, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel4.setText("2.Then you will get some rows and select one of them.");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 30, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel5.setText("3.Click a bed icon from right side and you will get bed number.");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 50, -1, -1));

jLabel6.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel6.setText("4.Click submit buttuon to deliver the data.");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 320, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N

jButton1.setText("Back");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 360, -1, -1));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk4.jpg"))); // NOI18N

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

pack();

}// </editor-fold>

private void departmentItemStateChanged(java.awt.event.ItemEvent evt) {

patienttable.removeAll();

String item = evt.getItem().toString();

try {

if (item.equals("orthopedics")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='orthopedics'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("pediatric")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='pediatric'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("dermatology")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='dermatology'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

private void patienttableMouseReleased(java.awt.event.MouseEvent evt) {

if (patienttable.getSelectedRowCount() > 0) {

int rownum = patienttable.getSelectedRow();

String id = patienttable.getValueAt(rownum, 0).toString();

idcard.setText(id);

}

}

private void A1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A1.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A1");

}

private void A2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A2.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A2");

}

private void A3MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A3.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A3");

}

private void A4MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow1.setVisible(true);

Point p = new Point(A4.getLocation());

p.x -= 35;

arrow1.setLocation(p);

bed.setText("A4");

}

private void E1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E1.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E1");

}

private void E2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E2.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E2");

}

private void E3MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E3.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E3");

}

private void E4MousePressed(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow3.setVisible(true);

Point p = new Point(E4.getLocation());

p.x += 35;

arrow3.setLocation(p);

bed.setText("E4");

}

private void B1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(B1.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("B1");

}

private void B2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(B2.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("B2");

}

private void C1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(C1.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("C1");

}

private void C2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(C2.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("C2");

}

private void D1MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(D1.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("D1");

}

private void D2MouseReleased(java.awt.event.MouseEvent evt) {

arrow1.setVisible(false);

arrow2.setVisible(false);

arrow3.setVisible(false);

arrow2.setVisible(true);

Point p = new Point(D2.getLocation());

p.y += 35;

p.x += 5;

arrow2.setLocation(p);

bed.setText("D2");

}

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

try {

Connection con = DBClass.getConnection();

PreparedStatement st = con.prepareStatement("insert into bed values(?,?)");

st.setString(1, idcard.getText());

st.setString(2, bed.getText());

int count = st.executeUpdate();

if (count > 0) {

JOptionPane.showMessageDialog(this, "Data Saved Successfully");

} else {

JOptionPane.showMessageDialog(this, "Error Saving Data");

}

} catch (Exception ex) {

//JOptionPane.showMessageDialog(this,ex.getMessage().toString());

System.out.println(ex);

}

}

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

this.dispose();

new Hospital\_Management().show();

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Patient\_BedManagement.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 Patient\_BedManagement().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JLabel A1;

private javax.swing.JLabel A2;

private javax.swing.JLabel A3;

private javax.swing.JLabel A4;

private javax.swing.JLabel B1;

private javax.swing.JLabel B2;

private javax.swing.JLabel C1;

private javax.swing.JLabel C2;

private javax.swing.JLabel D1;

private javax.swing.JLabel D2;

private javax.swing.JLabel E1;

private javax.swing.JLabel E2;

private javax.swing.JLabel E3;

private javax.swing.JLabel E4;

private javax.swing.JLabel arrow1;

private javax.swing.JLabel arrow2;

private javax.swing.JLabel arrow3;

private javax.swing.JTextField bed;

private javax.swing.JLabel bedlabel;

private javax.swing.JComboBox department;

private javax.swing.JTextField idcard;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

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.JScrollPane jScrollPane1;

private javax.swing.JLabel map;

private javax.swing.JTable patienttable;

private javax.swing.JButton submit;

// End of variables declaration

}

**Code of Patient\_Photo.java**

package hospital\_Admission;

import java.awt.Color;

import java.awt.Image;

import java.io.File;

import java.io.FileInputStream;

import java.net.URL;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.swing.JFileChooser;

import javax.swing.JOptionPane;

import javax.swing.filechooser.FileNameExtensionFilter;

import javax.swing.filechooser.FileSystemView;

import java.sql.\*;

import javax.swing.BorderFactory;

import javax.swing.ImageIcon;

import javax.swing.table.DefaultTableModel;

public class Patient\_Photo extends javax.swing.JFrame {

/\*\*

\* Creates new form PatientPhoto

\*/

public Patient\_Photo() {

initComponents();

photo1.setBorder(BorderFactory.createLineBorder(Color.black));

this.setResizable(false);

this.setTitle("PatientPhoto");

setLocationRelativeTo(null);

idcard.setEnabled(false);

}

/\*\*

\* 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() {

jLabel1 = new javax.swing.JLabel();

photo = new javax.swing.JTextField();

browse = new javax.swing.JButton();

submit = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

idcard = new javax.swing.JTextField();

department = new javax.swing.JComboBox();

jScrollPane1 = new javax.swing.JScrollPane();

patienttable = new javax.swing.JTable();

photo1 = new javax.swing.JLabel();

search = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 255, 0));

jLabel1.setText("Photo");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 210, -1, -1));

getContentPane().add(photo, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 220, 169, -1));

browse.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

browse.setText("Browse");

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

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

browseActionPerformed(evt);

}

});

getContentPane().add(browse, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 220, -1, -1));

submit.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

submit.setText("Submit");

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

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

submitActionPerformed(evt);

}

});

getContentPane().add(submit, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 270, -1, -1));

jLabel2.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 0));

jLabel2.setText("IDCard");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 160, -1, -1));

getContentPane().add(idcard, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 160, 170, -1));

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "SelectDepartment", "orthopedics", "pediatric", "dermatology" }));

department.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

departmentItemStateChanged(evt);

}

});

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 10, 141, -1));

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

new Object [][] {

{null, null},

{null, null},

{null, null},

{null, null}

},

new String [] {

"IDCard", "Name"

}

));

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

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

patienttableMouseReleased(evt);

}

});

jScrollPane1.setViewportView(patienttable);

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 50, 230, 93));

photo1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

photo1.setForeground(new java.awt.Color(255, 0, 51));

photo1.setText("(photo here)");

getContentPane().add(photo1, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 20, 120, 156));

search.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

search.setText("Search");

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

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

searchActionPerformed(evt);

}

});

getContentPane().add(search, new org.netbeans.lib.awtextra.AbsoluteConstraints(200, 270, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel4.setText("Tips 1.Select a department.");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 300, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel5.setText("2.Then you will get some rows and select one of them");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 320, -1, -1));

jLabel6.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel6.setText("4.You can insert you photo by clicking submit button");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 250, -1, -1));

jLabel7.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel7.setText("3.You can see your photo by clicking search button");

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 340, -1, -1));

jButton1.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jButton1.setText("Back");

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

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 270, -1, -1));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk5.jpg"))); // NOI18N

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 490, 360));

pack();

}// </editor-fold>

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

JFileChooser fileChooser = new JFileChooser("C:\\", FileSystemView.getFileSystemView());

fileChooser.setFileFilter(new FileNameExtensionFilter("Image Files", "jpg", "png", "tif", "gif", "bmp"));

int returnVal = fileChooser.showOpenDialog(this);

if (returnVal == JFileChooser.APPROVE\_OPTION) {

String fileName = fileChooser.getSelectedFile().getName();

String extension = fileName.substring(fileName.lastIndexOf("."));

if (extension.equalsIgnoreCase(".jpg") || extension.equalsIgnoreCase(".png")

|| extension.equalsIgnoreCase(".bmp") || extension.equalsIgnoreCase(".tif")

|| extension.equalsIgnoreCase(".gif")) {

photo.setText(fileChooser.getSelectedFile().getPath());

} else {

JOptionPane.showMessageDialog(this, "Kindly Select Image File Only", "Error", JOptionPane.ERROR\_MESSAGE);

}

} else {

photo.setText("No File Uploaded");

}

}

private void SaveImage(String imagePath) {

try {

Connection con = DBClass.getConnection();

byte[] rawBytes = null;

FileInputStream fis = null;

if (imagePath.equals("No File Uploaded")) {

ClassLoader cl = this.getClass().getClassLoader();

URL resouces = cl.getResource("resources/pic.jpg");

imagePath = resouces.getFile();

}

File fileObj = new File(imagePath);

fis = new FileInputStream(fileObj);

PreparedStatement st = con.prepareStatement("insert into photo values(?,?)");

st.setString(1, idcard.getText());

//st.setBinaryStream(5, fis);

int imageLength = Integer.parseInt(String.valueOf(fileObj.length()));

rawBytes = new byte[imageLength];

fis.read(rawBytes, 0, imageLength);

// st.setBinaryStream(5, (InputStream) fis, imageLength);

st.setBytes(2, rawBytes);

int count = st.executeUpdate();

if (count > 0) {

JOptionPane.showMessageDialog(this, "Data Saved Successfully");

} else {

JOptionPane.showMessageDialog(this, "Error Saving Data");

}

} catch (Exception ex) {

//JOptionPane.showMessageDialog(this,ex.getMessage().toString());

System.out.println(ex);

}

}

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

SaveImage(photo.getText());

}

private void departmentItemStateChanged(java.awt.event.ItemEvent evt) {

patienttable.removeAll();

String item = evt.getItem().toString();

try {

if (item.equals("orthopedics")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='orthopedics'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("pediatric")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='pediatric'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

} else if (item.equals("dermatology")) {

patienttable.removeAll();

Connection con = DBClass.getConnection();

String str = "select \* from patient where department='dermatology'";

Statement st = (Statement) con.createStatement();

ResultSet rs = st.executeQuery(str);

DefaultTableModel tm = (DefaultTableModel) patienttable.getModel();

tm.setRowCount(0);

while (rs.next()) {

String[] a = new String[2];

for (int s = 0; s < 2; s++) {

a[s] = rs.getString(s + 1);

}

tm.addRow(a);

}

tm.fireTableDataChanged();

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, "Error");

}

}

private void patienttableMouseReleased(java.awt.event.MouseEvent evt) {

if (patienttable.getSelectedRowCount() > 0) {

int rownum = patienttable.getSelectedRow();

String id = patienttable.getValueAt(rownum, 0).toString();

idcard.setText(id);

}

}

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

try {

Connection con = DBClass.getConnection();

String str = "select picture from photo where idcard=?";

PreparedStatement pst = con.prepareStatement(str);

pst.setString(1, idcard.getText());

ResultSet rs = pst.executeQuery();

if (rs.next()) {

ImageIcon icon = new ImageIcon(rs.getBytes(1));

icon.setImage(icon.getImage().getScaledInstance(120, 200, Image.SCALE\_DEFAULT));

photo1.setSize(100, 100);

photo1.setIcon(icon);

} else {

throw new Exception("He/She doesn't have photo.");

}

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e.getMessage());

}

}

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

this.dispose();

new Hospital\_Management().show();

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Patient\_Photo.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 Patient\_Photo().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton browse;

private javax.swing.JComboBox department;

private javax.swing.JTextField idcard;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

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.JScrollPane jScrollPane1;

private javax.swing.JTable patienttable;

private javax.swing.JTextField photo;

private javax.swing.JLabel photo1;

private javax.swing.JButton search;

private javax.swing.JButton submit;

// End of variables declaration

}

**Code of Patient\_Registration.java**

package hospital\_Admission;

import java.sql.ResultSet;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

import javax.swing.JOptionPane;

public class Patient\_Registration extends javax.swing.JFrame {

/\*\*

\* Creates new form HospitalRegistration

\*/

public Patient\_Registration() {

initComponents();

this.setResizable(false);

this.setTitle("HospitalRegistration");

setLocationRelativeTo(null);

}

/\*\*

\* 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();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

idcard = new javax.swing.JTextField();

name = new javax.swing.JTextField();

age = new javax.swing.JTextField();

cellphone = new javax.swing.JTextField();

department = new javax.swing.JComboBox();

jLabel11 = new javax.swing.JLabel();

doctor = new javax.swing.JTextField();

submit = new javax.swing.JButton();

cancel = new javax.swing.JButton();

sex = new javax.swing.JComboBox();

year = new javax.swing.JComboBox();

month = new javax.swing.JComboBox();

day = new javax.swing.JComboBox();

year1 = new javax.swing.JComboBox();

month1 = new javax.swing.JComboBox();

day1 = new javax.swing.JComboBox();

search = new javax.swing.JButton();

jLabel12 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

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

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("宋体", 1, 30)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 51, 51));

jLabel1.setText("Hospital Registration");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 10, 370, 40));

jLabel2.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 255, 51));

jLabel2.setText("IDCard:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 90, -1, -1));

jLabel3.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 51));

jLabel3.setText("Name:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 130, -1, -1));

jLabel4.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 255, 0));

jLabel4.setText("Age:");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 170, -1, -1));

jLabel5.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 255, 0));

jLabel5.setText("DateOfBirth:");

getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 210, -1, -1));

jLabel6.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 255, 0));

jLabel6.setText("CellPhoneNumber:");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 250, -1, -1));

jLabel7.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel7.setForeground(new java.awt.Color(255, 255, 0));

jLabel7.setText("Department:");

getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 280, -1, -1));

jLabel9.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 255, 0));

jLabel9.setText("DateOfAdmmision:");

getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 330, -1, -1));

jLabel10.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel10.setForeground(new java.awt.Color(255, 255, 0));

jLabel10.setText("Doctor:");

getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 360, -1, -1));

getContentPane().add(idcard, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 88, 285, -1));

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

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

nameActionPerformed(evt);

}

});

getContentPane().add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 128, 285, -1));

getContentPane().add(age, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 168, 86, -1));

getContentPane().add(cellphone, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 246, 285, -1));

department.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

department.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "orthopedics", "pediatric", "dermatology" }));

getContentPane().add(department, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 285, 119, -1));

jLabel11.setFont(new java.awt.Font("宋体", 0, 18)); // NOI18N

jLabel11.setForeground(new java.awt.Color(255, 255, 0));

jLabel11.setText("Sex:");

getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(271, 170, -1, -1));

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

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

doctorActionPerformed(evt);

}

});

getContentPane().add(doctor, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 364, 285, -1));

submit.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

submit.setText("Submit");

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

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

submitActionPerformed(evt);

}

});

getContentPane().add(submit, new org.netbeans.lib.awtextra.AbsoluteConstraints(118, 419, -1, -1));

cancel.setFont(new java.awt.Font("宋体", 0, 20)); // NOI18N

cancel.setText("Back");

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

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

cancelActionPerformed(evt);

}

});

getContentPane().add(cancel, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 420, -1, -1));

sex.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

sex.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Male", "Female" }));

getContentPane().add(sex, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 170, -1, -1));

year.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "2019", "2018", "2017", "2016", "2015", "2014", "2013", "2012", "2011", "2010", "2009", "2008", "2007", "2006", "2005", "2004", "2003", "2002", "2001", "2000" }));

getContentPane().add(year, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 207, -1, -1));

month.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));

getContentPane().add(month, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 207, -1, -1));

day.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

getContentPane().add(day, new org.netbeans.lib.awtextra.AbsoluteConstraints(267, 207, -1, -1));

year1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "2017", "2018", "2019" }));

getContentPane().add(year1, new org.netbeans.lib.awtextra.AbsoluteConstraints(167, 325, -1, -1));

month1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));

getContentPane().add(month1, new org.netbeans.lib.awtextra.AbsoluteConstraints(223, 325, -1, -1));

day1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

getContentPane().add(day1, new org.netbeans.lib.awtextra.AbsoluteConstraints(267, 325, -1, -1));

search.setText("Search");

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

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

searchActionPerformed(evt);

}

});

getContentPane().add(search, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 87, -1, -1));

jLabel12.setFont(new java.awt.Font("宋体", 0, 14)); // NOI18N

jLabel12.setText("Tips 1.You can enter a idcard to search if you have signed up");

getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 60, -1, -1));

jLabel8.setIcon(new javax.swing.ImageIcon(getClass().getResource("/resources/desk6.jpg"))); // NOI18N

getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, 480));

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

try

{

Connection con=DBClass.getConnection();

String str="insert into patient values(?,?,?,?,?,?,?,?,?)";

PreparedStatement pst=con.prepareStatement(str);

pst.setString(1, idcard.getText());

String nameP=name.getText();

Pattern namePattern=Pattern.compile("^[a-zA-Z]+$");

Matcher nameMatcher=namePattern.matcher(nameP);

Boolean nameBoolean=nameMatcher.matches();

if(nameBoolean==false)

throw new Exception("Please enter the correct name(only character)");

pst.setString(2, name.getText());

if(Integer.parseInt(age.getText())<0||Integer.parseInt(age.getText())>100)

{

throw new Exception("Please enter the correct age");

}

pst.setInt(3, Integer.parseInt(age.getText()));

pst.setString(4, sex.getSelectedItem().toString());

// String dobP=dob.getText();

// Pattern dobPattern=Pattern.compile("(//d{4}-)?(//d{2}-)?//d{2}");

// Matcher dobMatcher=dobPattern.matcher(dobP);

// Boolean dobBoolean=dobMatcher.matches();

// if(dobBoolean==false)

// throw new Exception("Please enter the correct date of birth(xxxx-xx-xx for example(2018-01-01))");

// pst.setString(5, dob.getText());

pst.setString(5, year.getSelectedItem().toString()+"-"+month.getSelectedItem().toString()+"-"+day.getSelectedItem().toString());

pst.setString(6, cellphone.getText());

pst.setString(7, department.getSelectedItem().toString());

// String doaP=doa.getText();

// Pattern doaPattern=Pattern.compile("(//d{4}-)?(//d{2}-)?//d{2}");

// Matcher doaMatcher=doaPattern.matcher(doaP);

// Boolean doaBoolean=doaMatcher.matches();

// if(doaBoolean==false)

// throw new Exception("Please enter the correct date of addmison(xxxx-xx-xx for example(2018-01-01))");

// pst.setString(8, doa.getText());

pst.setString(8, year1.getSelectedItem().toString()+"-"+month1.getSelectedItem().toString()+"-"+day1.getSelectedItem().toString());

String doctorP=doctor.getText();

Pattern doctorPattern=Pattern.compile("^[a-zA-Z]+$");

Matcher doctorMatcher=doctorPattern.matcher(doctorP);

Boolean doctorBoolean=doctorMatcher.matches();

if(doctorBoolean==false)

throw new Exception("Please enter the correct doctor name(only character)");

pst.setString(9, doctor.getText());

DateFormat df = new SimpleDateFormat("yyyy-MM-dd");

Date dt1=df.parse(year1.getSelectedItem().toString()+"-"+month1.getSelectedItem().toString()+"-"+day1.getSelectedItem().toString());

Date dt3=df.parse(year.getSelectedItem().toString()+"-"+month.getSelectedItem().toString()+"-"+day.getSelectedItem().toString());

java.util.Date date=new java.util.Date();

String datestr=new SimpleDateFormat("yyyy-MM-dd").format(date);

Date dt2=df.parse(datestr);

if(dt1.getTime()>dt2.getTime())

throw new Exception("Your addmison date must be less than today");

if(dt3.getTime()>dt2.getTime())

throw new Exception("Your birthday must be less than today");

if(dt3.getTime()>dt1.getTime())

throw new Exception("Your addmison date must be more than your birthday");

int rs=pst.executeUpdate();

if(rs>0)

{

JOptionPane.showMessageDialog(this, "Insert successfully");

}

else

{

JOptionPane.showMessageDialog(this, "Not insert successfully");

}

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this, e.getMessage());

}

}

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

this.dispose();

new Hospital\_Management().show();

}

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

if(!idcard.getText().isEmpty())

{ try

{

Connection con=DBClass.getConnection();

PreparedStatement pst=con.prepareStatement("select present\_name from present where present\_id=?");

pst.setString(1, idcard.getText());

ResultSet rs=(ResultSet) pst.executeQuery();

if(rs.next())

{

name.setText(rs.getString(1));

}

else

{

throw new Exception("Can't find");

}

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this, e.getMessage());

}}

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Patient\_Registration.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 Patient\_Registration().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField age;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JButton cancel;

private javax.swing.JTextField cellphone;

private javax.swing.JComboBox day;

private javax.swing.JComboBox day1;

private javax.swing.JComboBox department;

private javax.swing.JTextField doctor;

private javax.swing.JTextField idcard;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

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.JComboBox month;

private javax.swing.JComboBox month1;

private javax.swing.JTextField name;

private javax.swing.JButton search;

private javax.swing.JComboBox sex;

private javax.swing.JButton submit;

private javax.swing.JComboBox year;

private javax.swing.JComboBox year1;

// End of variables declaration

}