**HEALTH CARE MANAGEMENT SYSTEM**

**Submitted in the partial fulfillment of the requirement**

**MASTER OF COMPUTER APPLICATION (MCA)**

****

**PROJECT SYNOPSIS**

**Under the Guidance of : Submitted by:**

**Jitendra Kumar Sinha Name : Vikrant Kumar & Rohit Kumar**

**Sr. faculty –Nalanda College Reg.No : 1425801360/14, 1426300684/14**

**Bihar Sharif , Nalanda Roll No: 22263906037, 22263906029**

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**Recognized Study Centre**

**Nalanda College , Bihar Sharif**

**Under**

**Magadh University , Bodh Gaya**

**ACKNOWLEDGEMENT**

At the outset, I am offering gratitude to my guide, who gave me great in right into what had to be done, and for their encouragement, without which it couldn’t have been possible to complete this project.

I am indicated to my friends for help me to prepare this project and for several useful suggestions.

I would also like to thanks to every one of the organization who helped me in preparing this project & who guided me & gave me many useful suggestions by time to time in resolving difficulties.

I hope that my efforts on the project will fully satisfy expects who will examine this project. I pray god to give me success & brilliance in the field of computer it’s my first opportunity by Magadh University, so very thankful to give me first golden occasion in my life. And I will be eager to work on various projects Thanks to all.

Name : Vikrant Kumar & Rohit Kumar

Course : MCA

Reg.No : 1425801360/14, 1426300684/14

**INTRODUCTION OF PROJECT**

The project “Health Care Management System” includes registration of patient, storing their details into system & also computerized billing of pharmacy and labs. The software has the facility to give unique ID for every patient and stores the details of every patient and staff automatically. It includes a search facility to know the current status of each room. The users can search availability of doctor and the details of patient using the ID.

The Hospital Care Management System can be entered using a username and password. It is accessible either administrator or receptionist. Only they can manipulate the data in the software storage location. The data can be retrieved easily and efficiently. The interface is user friendly. The data is well protected for personal use and makes the data processing very fast.

The Hospital Care Management System is powerful, flexible and easy to use and is designed and developed to deliver real conceivable benefits of hospital.

The Hospital Care Management System is designed for multi-speciality hospital to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital Care Management System the provides relevant information about the hospital to support effective decision making for patient care, hospital administration, critical financial accounting in a seamless flow.

Hospital Care Management System is a software product suite designed to improve the quality and management of hospital in the area of clinical process analysis and activity based costing. Hospital Care Management System enable you to develop your organization and improve its effectiveness and quality to work.

**OBJECTIVITY OF PROJECT**

The Hospital Care Management System having a number of objectivity and all of them being fulfilled in this project. The following objectives of the project is –

1. It defines the working of the hospital
2. It keep recording of information about the patient that come
3. It contains the feature to generate bills
4. It keep recording of information related to diagnosis given to the patient
5. It keeps information related to immunization provided to children or patient.
6. It keep information about the various disease and medicines available to cure them.

**CURRICULUM VITAE OF GUIDE**

**Jitendra Kumar Sinha** **Location : Bihar Sharif Telephone: 9709692188** **Email: jeetartiarab@gmail.com**

**Professional Profile**

‘Accomplished IT support Analyst with a background in 1st& 2nd Line IT support provision across public and private sector organization as well as extensive infrastructure project experience.’

With broad ranging IT support experience coupled with a robust understanding of IT infrastructure and environments within large organization . I confidently deliver support solution that ensure optional levels of IT service performance and swift resolution of issues and queries.

I posses a deep technical knowledge across business systems including hardware, software ,networking & change methodology

**Core Skills**

* Software & Hardware trouble Shooting
* Windows & Linux Environment
* Server performance management
* IT security Management
* Web site Management

**Carrier Summary**

Nov-2001-jan 2002 web site Developer in Tech book Electronics, New Delhi

Feb 2002- Dec 2003 Sr. Faculty in NIIT , New Delhi

Jan 2004- Sr. Faculty in Nalanda college

Director Nalanda software solution Bihar Sharif

**Education , Vocational Qualification**

* Graduation in Chemistry from Patna University
* MCA from IGNOU , New Delhi
* PGDBM from IIBM , Patna
* Pre PHD from MU, Bodh Gaya

**Technical Knowledge**

* Windows Server
* Active Directory
* Firewall Management
* Desktop/ Laptops

**Software Known**

* Java, .Net, PHP, Python, C++, Script Languages
* Oracle, Sybase
* Windows , Linux

**Personal Information**

**Father’s Name :** Late Binay Kumar Sinha

**Address :** Kashitakiya, Near Model School

Bihar Sharif, Nalanda (803101)

**Blood Group :** B+

**Hobies :** Programming , Planting, Listing Music

Attending seminar, Active in NGO Work

Date :

Place : (Signature)

Jetendra Kumar Sinha

**STUDENT PROFILE**

**PROJECT INFORMATION**

Name Vikrant Kumar

Reg No. 1425801360

Course name MCA

Study centre Nalanda College

Project category Web Application

Software used HTML, CSS, XML, JavaScript

**GENERAL INFORMATION**

Father’s name

Address

Qualification MCA Aspirant

Contact No.

E-mail

Blood group

Hobbies Programming, Planting

PLACE:…………………….

DATE:-……………………..

SIGNATURE

**STUDENT PROFILE**

**PROJECT INFORMATION**

Name Rohit Kumar

Reg No. 1426300684

Course name MCA

Study centre Nalanda College

Project category Web Application

Software used HTML, CSS, XML, JavaScript

**GENERAL INFORMATION**

Father’s name

Address

Qualification MCA Aspirant

Contact No.

E-mail

Blood group

Hobbies Programming, Planting

PLACE:…………………….

DATE:-……………………..

SIGNATURE

**MODULES OF PROJECT**

1. **Administrator Module**

  Manage department of hospitals, user, doctor, nurse, pharmacist, lab accounts.

  Watch appointment of doctors

  Watch transaction reports of patient payment

  Bed ,ward, cabin status

  Watch blood bank report

  Watch medicine status of hospital stock

  Watch operation report

  Watch birth report

  Watch diagnosis report

  Watch death report

**2. Patient Module**

   View appointment list and status with doctors

  View prescription details

  View medication from doctor

  View doctor list

  View blood bank status

  View operation history

  View admit history. like bed, ward icu etc

  Manage own profile

**3. Doctor Module**

  Manage patient. account opening and updating

  Create, manage appointment with patient

  Create prescription for patient

  Provide medication for patients

  Issue for operation of patients and creates operation report

  Manage own profile

**4. Nurse Module**

  Manage patient. account opening and updating

  Allot bed, ward, cabin for patients

  Provide medication according to patient prescription

  Manage blood bank and update status

  Keep record of patient operation, baby born and death of patient

**5. Pharmacist Module**

  Maintain medicine

  Keep records of hospitals stock medicines and status

  Manage medicine categories

  Watch prescription of patient

  Provide medication to prescriptions

6. **Lab Module**

  Watch prescription list

  Upload diagnostic report

  Preview of report files. like xray images, ct scan, mri reports

  Manage own profile

7. **Accountant Module:**

  Create invoice for payment

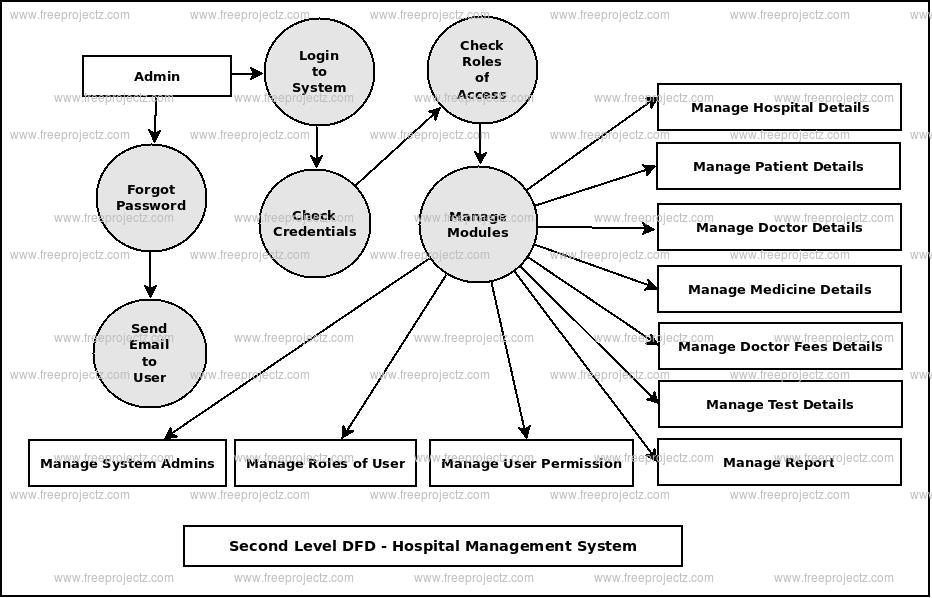
  Order invoice to patient

  Take cash payment

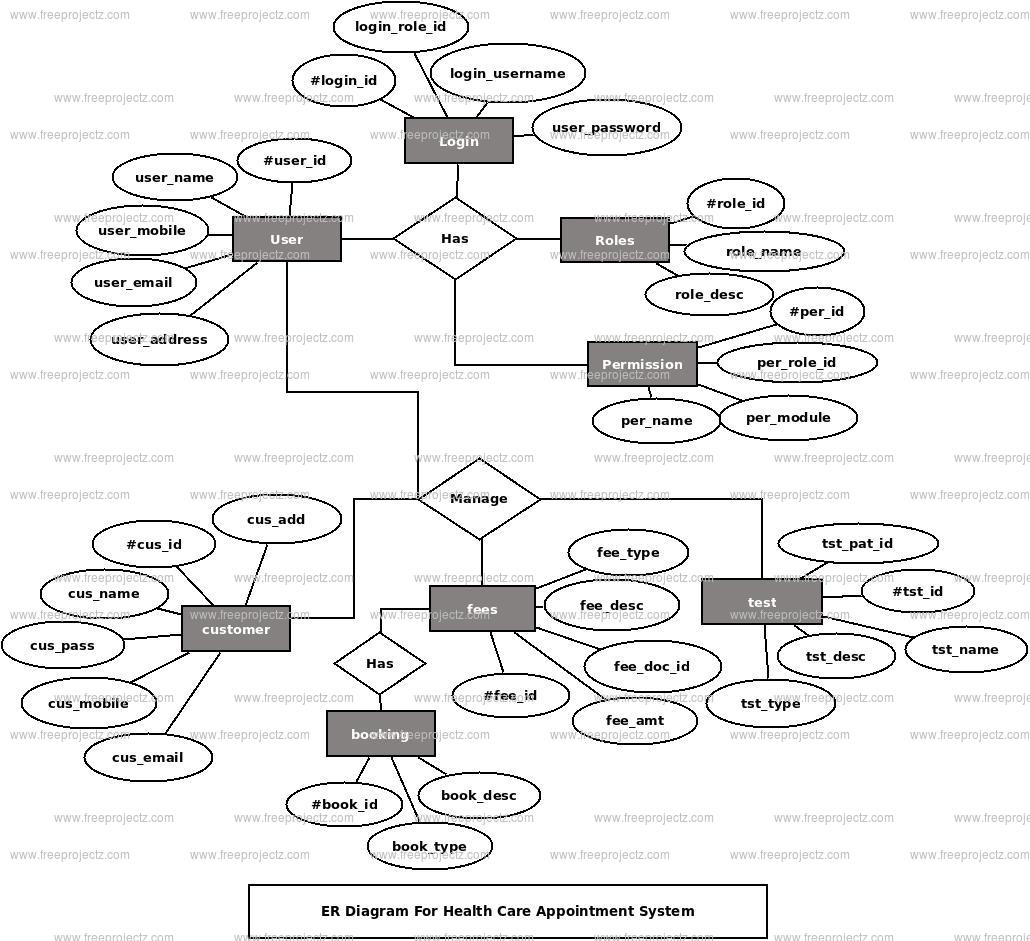
  Watch payment history of patients

  Manage own profile

**DATA FLOW DIAGRAM (DFD)**



**ENTITY RELATIONSHIP DIAGRAM**



**PROJECT CODE**

**import javax.swing.\*;**

**class about**

**{**

**about()**

**{**

**JOptionPane.showMessageDialog(null,"bult number=000.12"+"\n" +"ARTI");**

**}**

**public static void main(String ar[])**

**{**

**new about();**

**}**

**}**

**import java.sql.\*;**

**public class conn{**

**Connection c;**

**Statement s;**

**public conn(){**

**try{**

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

**c =DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","12345");**

**s =c.createStatement();**

**}catch(Exception e){**

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

**}**

**}**

**public static void main(String ar[])**

**{**

**new conn();**

**}**

**}**

**class car**

**{**

**String name,color;**

**int carn;**

**void printInfo()**

**{**

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

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

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

**}**

**void carinfo()**

**{**

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

**}**

**public static void main(String ar[])**

**{**

**//new car()**

**car c=new car();**

**//System.out.println(c);**

**c.name="as";**

**c.printInfo();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**//import sql.\*;**

**public class Dlogin //implements ActionListener**

**{**

**JFrame fr;**

**JLabel l1,l2,l3,l4,l5;**

**JTextField t1;**

**JPasswordField jp;**

**JComboBox c1;**

**JButton b1,b2;**

**Dlogin()**

**{**

**fr=new JFrame("login screen");**

**l1=new JLabel("LOGIN FORM");**

**l1.setForeground(Color.red);**

**l1.setBounds(150,30,250,50);**

**l1.setFont(new Font("serif",Font.BOLD,30));**

**fr.add(l1);**

**l2=new JLabel(" User Id");**

**l2.setBounds(50,120,100,30);**

**fr.add(l2);**

**t1=new JTextField();**

**t1.setBounds(170,120,100,30);**

**fr.add(t1);**

**l3=new JLabel("password");**

**l3.setBounds(50,170,100,30);**

**fr.add(l3);**

**jp=new JPasswordField();**

**jp.setBounds(170,170,100,30);**

**fr.add(jp);**

**l4=new JLabel("user type");**

**l4.setBounds(50,220,100,30);**

**fr.add(l4);**

**String usertype[]={"Management","Customer"};**

**c1=new JComboBox(usertype);**

**c1.setBounds(170,220,100,30);**

**fr.add(c1);**

**b1=new JButton("Login");**

**b1.setBounds(70,270,100,50);**

**fr.add(b1);**

**b2=new JButton("cancel");**

**b2.setBounds(190,270,100,50);**

**fr.add(b2);**

**fr.setVisible(true);**

**fr.setLocation(500,200);**

**fr.setSize(500,400);**

**fr.setLayout(null);**

**}**

**/\*public void actionPerformed(ActionEvent ae)**

**{**

**try**

**{**

**conn c1=new conn();**

**String st="select \* from dlogin where UserId="+t1.getText+" and password="+jp.getText+"";**

**Resultset rs=c1.s.executeQuery(st);**

**if(ae.getSource()==b1);**

**{**

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

**{**

**JOptionPane.showMessageDialog(null,"login successfull");**

**}**

**else**

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

**}**

**}**

**catch(Exception er)**

**{}**

**if(ae.getSource()==b2)**

**{**

**System.exit(0);**

**}**

**}\*/**

**public static void main(String ar[])**

**{**

**new Dlogin();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.util.\*;**

**import java.sql.\*;**

**public class Doctor implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2,l3,l4,l5,l6,l7;**

**JComboBox c1,c2;**

**JTextField t1,t2,t3,t4,t5,t6;**

**JButton b1,b2;**

**Random ran = new Random();**

**long first4 = (ran.nextLong() % 9000L) + 1000L;**

**long first = Math.abs(first4);**

**Doctor()**

**{**

**jf=new JFrame("DoctorDetails");**

**jf.setLayout(new FlowLayout());**

**ImageIcon ct = new ImageIcon("icons\\rt.jpg");**

**Image im = ct.getImage().getScaledInstance(600,600,Image.SCALE\_DEFAULT);**

**ImageIcon im1=new ImageIcon(im);**

**JLabel jt=new JLabel(im1);**

**jf.add(jt);**

**l1=new JLabel("Doctor\_id");**

**l1.setBounds(40,30,80,30);**

**t1=new JTextField();**

**t1.setBounds(220,30,150,30);**

**t1.setText("12"+first);**

**jt.add(l1);**

**jt.add(t1);**

**l2=new JLabel("Doctor\_Name");**

**l2.setBounds(40,70,80,30);**

**t2=new JTextField();**

**t2.setBounds(220,70,150,30);**

**jt.add(l2);**

**jt.add(t2);**

**l3=new JLabel("working\_time");**

**l3.setBounds(40,110,80,30);**

**t3=new JTextField();**

**t3.setBounds(220,110,150,30);**

**jt.add(l3);**

**jt.add(t3);**

**String Specialization[] = {"Cardiology (Heart Care)","Oncology (Cancer Care)","Neurology","Urology","Surgical","Gastroenterology","Physician"};**

**l4=new JLabel("Specialization");**

**l4.setBounds(40,150,150,30);**

**jt.add(l4);**

**c1=new JComboBox(Specialization);**

**c1.setBounds(220,150,150,30);**

**jt.add(c1);**

**String Dept[]={"Icu","Genral","op.theatr"};**

**l5=new JLabel("Dapartment");**

**l5.setBounds(40,190,150,30);**

**jt.add(l5);**

**c2=new JComboBox(Dept);**

**c2.setBounds(220,190,150,30);**

**jt.add(c2);**

**l6=new JLabel("Contact\_no.");**

**l6.setBounds(40,230,150,30);**

**jt.add(l6);**

**t4=new JTextField();**

**t4.setBounds(220,230,150,30);**

**jt.add(t4);**

**b1=new JButton("ADD");**

**b1.setBounds(70,300,100,30);**

**b1.addActionListener(this);**

**jt.add(b1);**

**b2=new JButton("Clear");**

**b2.setBounds(220,300,100,30);**

**b2.addActionListener(this);**

**jt.add(b2);**

**l7=new JLabel("Consult for top most doctor");**

**l7.setFont(new Font("serif",Font.BOLD,30));**

**l7.setBounds(40,400,500,40);**

**jt.add(l7);**

**jf.setSize(600,600);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String a = t1.getText();**

**String bb = t2.getText();**

**String c = t3.getText();**

**String d = (String)c1.getSelectedItem();**

**String e = (String)c2.getSelectedItem();**

**String f = t4.getText();**

**if(ae.getSource() == b1)**

**{**

**try{**

**conn cc = new conn();**

**String q = "insert into doctor values('"+a+"','"+bb+"','"+c+"','"+d+"','"+e+"','"+f+"')";**

**cc.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"Details Inserted Successfully");**

**jf.setVisible(false);**

**}catch(Exception ee){**

**System.out.println("The error is:"+ee);**

**}**

**}else if(ae.getSource() == b2){**

**jf.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Doctor();**

**}**

**}**

**import javax.swing.\*;**

**import java .awt.\*;**

**import java .awt. event.\*;**

**public class doctor\_delete implements ActionListener**

**{**

**JFrame jf;**

**JLabel t1;**

**JTextField tf;**

**JButton b1;**

**doctor\_delete()**

**{**

**jf=new JFrame(" doctor delete record");**

**t1=new JLabel("ENTER THE DOCTOR ID");**

**t1.setBounds(30,40,250,30);**

**t1.setFont(new Font("serif",Font.ITALIC,20));**

**tf=new JTextField();**

**tf.setBounds(290,40,200,30);**

**b1=new JButton("DELETE");**

**b1.setBounds(510,40,100,30);**

**b1.addActionListener(this);**

**jf.setLayout(null);**

**jf.add(t1);**

**jf.add(tf);**

**jf.add(b1);**

**jf.setSize(700,400);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ar)**

**{**

**conn c1 = new conn();**

**if(ar.getSource() == b1){**

**try{**

**String a = tf.getText();**

**String q = "delete from doctor where DOCTORID = '"+a+"'";**

**c1.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"successfully delete");**

**jf.setVisible(false);**

**new doctor\_list();//.jf.setVisible(true);**

**}catch(Exception e){}**

**}**

**}**

**public static void main(String ar[])**

**{**

**new doctor\_delete();**

**}**

**}**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**import java.sql.\*;**

**public class doctor\_list**

**{**

**JFrame jf;**

**JTable t1;**

**String x[] = {"DOCTORID","DOCTORNAME","WORKINGTIME","SPLICALIZATION","DEPT","CONTACT"};**

**String y[][] = new String[20][6];**

**int i=0, j=0;**

**doctor\_list()**

**{**

**jf=new JFrame("LIST");**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from doctor";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**y[i][j++]=rs.getString(5);**

**y[i][j++]=rs.getString(6);**

**i++;**

**j=0;**

**}**

**t1 = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(t1);**

**sp.setBounds(20,20,1200,330);**

**jf.add(sp);**

**// sp.getContentPane().setBackground(Color.WHITE);**

**jf.setLayout(null);**

**jf.setSize(1300,500);**

**jf.setVisible(true);**

**}**

**public static void main(String ar[])**

**{**

**new doctor\_list();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.sql.\*;**

**public class DoctorS implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2;**

**JTextField t1;**

**JButton b1,b2;**

**JTable tabel;**

**String x[] = {"DOCTORID","DOCTORNAME","WORKINGTIME","SPLICALIZATION","DEPT","CONTACT"};**

**String y[][] = new String[20][6];**

**int i=0, j=0;**

**DoctorS()**

**{**

**jf=new JFrame("Doctor\_Search");**

**l1=new JLabel("Enter the Doctor\_id");**

**l1.setBounds(40,70,200,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**jf.add(l1);**

**t1=new JTextField();**

**t1.setBounds(250,70,200,30);**

**jf.add(t1);**

**b1=new JButton("search");**

**b1.setBounds(550,70,100,30);**

**b1.addActionListener(this);**

**jf.add(b1);**

**jf.setLayout(null);**

**jf.setBounds(30,50,700,700);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource()==b1)**

**{**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from doctor where DOCTORID='"+t1.getText()+"'";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**y[i][j++]=rs.getString(5);**

**y[i][j++]=rs.getString(6);**

**i++;**

**j=0;**

**}**

**tabel = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(tabel);**

**sp.setBounds(20,150,490 ,330);**

**jf.add(sp);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new DoctorS();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**public class Hospital**

**{**

**JFrame jf;**

**JLabel l1,l2,l3,l4,l5,l6,l7,t1,t3,t4,t5;**

**JComboBox c1,c2;**

**Hospital()**

**{**

**jf=new JFrame("Hospital detais");**

**jf.setLayout(new FlowLayout());**

**ImageIcon ct = new ImageIcon("icons\\ho.jpg");**

**Image im = ct.getImage().getScaledInstance(600,600,Image.SCALE\_DEFAULT);**

**ImageIcon im1=new ImageIcon(im);**

**JLabel jt=new JLabel(im1);**

**jf.add(jt);**

**l1=new JLabel("Regno");**

**l1.setBounds(40,30,80,30);**

**t1=new JLabel("t-1236287");**

**t1.setBounds(220,30,150,30);**

**jt.add(l1);**

**jt.add(t1);**

**l2=new JLabel("Hosp\_name");**

**l2.setBounds(40,70,80,30);**

**l3=new JLabel("RAM HOSPITAL");**

**l3.setBounds(220,70,150,30);**

**jt.add(l2);**

**jt.add(l3);**

**l4=new JLabel("Hospital \_type");**

**l4.setBounds(40,110,80,30);**

**t3=new JLabel("Emergency24\*7");**

**t3.setBounds(220,110,150,30);**

**jt.add(l4);**

**jt.add(t3);**

**l5=new JLabel("Location");**

**l5.setBounds(40,150,150,30);**

**jt.add(l5);**

**t4=new JLabel("rt rode durgapur");**

**t4.setBounds(220,150,100,30);**

**jt.add(t4);**

**l6=new JLabel("contact\_no");**

**l6.setBounds(40,190,150,30);**

**jt.add(l6);**

**t5=new JLabel("837298332");**

**t5.setBounds(220,190,150,30);**

**jt.add(t5);**

**jf.setSize(600,600);**

**jf.setVisible(true);**

**}**

**public static void main(String ar[])**

**{**

**new Hospital();**

**}**

**}**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**import java.sql.\*;**

**public class Logine implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2,l3;**

**JPasswordField jp;**

**JTextField jt;**

**JButton jb1,jb2;**

**Logine()**

**{**

**jf=new JFrame("LOGINE FROM");**

**l1=new JLabel("USER NAME");**

**l1.setBounds(40,30,120,30);**

**jf.add(l1);**

**l2=new JLabel("PASSWORD");**

**l2.setBounds(40,100,120,30);**

**jf.add(l2);**

**jt=new JTextField();**

**jt.setBounds(170,30,120,30);**

**jf.add(jt);**

**jp=new JPasswordField();**

**jp.setBounds(170,100,120,30);**

**jf.add(jp);**

**jb1=new JButton("Logine");**

**jb1.setBounds(60,180,80,30);**

**jb1.addActionListener(this);**

**jf.add(jb1);**

**jb2=new JButton("Cancel");**

**jb2.setBounds(150,180,80,30);**

**jb2.addActionListener(this);**

**jf.add(jb2);**

**ImageIcon c1 = new ImageIcon("icons\\second.jpg");**

**Image im = c1.getImage().getScaledInstance(200, 200,Image.SCALE\_DEFAULT);**

**ImageIcon c2=new ImageIcon(im);**

**l3=new JLabel(c2);**

**l3.setBounds( 300,20,200,200);**

**jf.add(l3);**

**jf.getContentPane().setBackground(Color.WHITE);**

**jf.setLayout(null);**

**jf.setSize(550,300);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent e)**

**{**

**try{**

**conn c1 = new conn();**

**String ur,pass,str=null;**

**ur=jt.getText();**

**pass=jp.getText();**

**String q = "select \* from login where username='"+ur+"' and password='"+pass+"'";**

**ResultSet rs = c1.s.executeQuery(q);**

**if(e.getSource()==jb1)**

**{**

**//if(ur.compareTo("ASHISH")==0 && pass.compareTo("ASHISH")==0)**

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

**{**

**jf.setVisible(false);**

**new MenuBar();**

**}**

**else**

**JOptionPane.showMessageDialog(null, "Invalid login");**

**}**

**}**

**catch (Exception er){}**

**if(e.getSource()==jb2)**

**{**

**System.exit(0);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Logine();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**public class MenuBar implements ActionListener**

**{**

**JFrame jf;**

**JMenu ja,js,jm,jd,jr,je,jl,jh;**

**JMenuItem jmd,jmp,jms,jmw,jmh,jsd,jsp,jss,jsw,jsh,jad,jap,jas,jaw,jah,jdd,jdp,jds,jdw,jdh,jhh,jld,jlp,jls,jlw;**

**MenuBar()**

**{**

**jf=new JFrame("RAM Hospital");**

**JMenuBar mb= new JMenuBar();**

**ja=new JMenu("Add");**

**js=new JMenu("Search");**

**jm=new JMenu("Modify");**

**jd=new JMenu("Delete");**

**jr=new JMenu("Report");**

**jl=new JMenu("list");**

**jh=new JMenu("help");**

**je=new JMenu("Exit");**

**mb.add(ja);**

**mb.add(js);**

**mb.add(jm);**

**mb.add(jd);**

**mb.add(jr);**

**mb.add(jl);**

**mb.add(jh);**

**mb.add(je);**

**jf.setJMenuBar(mb);**

**// ADD**

**jmd=new JMenuItem("Doctor");**

**jmd.addActionListener(this);**

**jmp=new JMenuItem("Patient");**

**jmp.addActionListener(this);**

**jms=new JMenuItem("Staf");**

**jms.addActionListener(this);**

**jmw=new JMenuItem("Ward");**

**jmw.addActionListener(this);**

**jmh=new JMenuItem("Hospital");**

**jmh.addActionListener(this);**

**ja.add(jmd);**

**ja.add(jmp);**

**ja.add(jms);**

**ja.add(jmw);**

**ja.add(jmh);**

**//SEARCH**

**jsd=new JMenuItem("Doctor");**

**jsd.addActionListener(this);**

**jsp=new JMenuItem("Patient");**

**jsp.addActionListener(this);**

**jss=new JMenuItem("Staf");**

**jss.addActionListener(this);**

**jsw=new JMenuItem("Ward");**

**jsw.addActionListener(this);**

**//jsh=new JMenuItem("Hospital");**

**js.add(jsd);**

**js.add(jsp);**

**js.add(jss);**

**js.add(jsw);**

**//js.add(jsh);**

**//MODIFY**

**jad=new JMenuItem("Doctor");**

**jad.addActionListener(this);**

**jap=new JMenuItem("Patient");**

**jap.addActionListener(this);**

**jas=new JMenuItem("Staf");**

**jas.addActionListener(this);**

**jaw=new JMenuItem("Ward");**

**jaw.addActionListener(this);**

**//jah=new JMenuItem("Hospital");**

**jm.add(jad);**

**jm.add(jap);**

**jm.add(jas);**

**jm.add(jaw);**

**//m.add(jah);**

**//DLEATE**

**jdd=new JMenuItem("Doctor");**

**jdp=new JMenuItem("Patient");**

**jds=new JMenuItem("Staf");**

**jdw=new JMenuItem("Ward");**

**//jdh=new JMenuItem("Hospital");**

**jd.add(jdd);**

**jdd.addActionListener(this);**

**jd.add(jdp);**

**jdp.addActionListener(this);**

**jd.add(jds);**

**jds.addActionListener(this);**

**jd.add(jdw);**

**jdw.addActionListener(this);**

**//jd.add(jdh);**

**//list**

**jld=new JMenuItem("Doctor");**

**jld.addActionListener(this);**

**jlp=new JMenuItem("Patient");**

**jlp.addActionListener(this);**

**jls=new JMenuItem("Staf");**

**jls.addActionListener(this);**

**jlw=new JMenuItem("Ward");**

**jlw.addActionListener(this);**

**jl.add(jld);**

**jl.add(jlp);**

**jl.add(jls);**

**jl.add(jlw);**

**//ABOUT**

**jhh=new JMenuItem("ABOUT");**

**jh.add(jhh);**

**jhh.addActionListener(this);**

**ImageIcon c1 = new ImageIcon("icons\\thired.jpg");**

**Image im = c1.getImage().getScaledInstance(800,800,Image.SCALE\_DEFAULT);**

**ImageIcon c2=new ImageIcon(im);**

**JLabel jl=new JLabel(c2);**

**jf.add(jl);**

**jf.setLayout(null);**

**jf.setSize(800,800);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**//ADD**

**{**

**if(ae.getSource()==jmd)**

**{**

**new Doctor();**

**}**

**else if(ae.getSource()==jmp)**

**{**

**new Patient();**

**}**

**else if(ae.getSource()==jms)**

**{**

**new Staff();**

**}**

**else if(ae.getSource()==jmw)**

**{**

**new ward();**

**}**

**else if(ae.getSource()==jmh)**

**{**

**new Hospital();**

**}**

**//SEARCH**

**else if(ae.getSource()==jsd)**

**{**

**new DoctorS();**

**}**

**else if(ae.getSource()==jsp)**

**{**

**new PatientS();**

**}**

**else if(ae.getSource()==jss)**

**{**

**new StaffS();**

**}**

**else if(ae.getSource()==jsw)**

**{**

**new WardS();**

**}**

**//ABOUT**

**else if(ae.getSource()==jhh)**

**{**

**new about();**

**}**

**//LIST**

**else if(ae.getSource()==jld)**

**{**

**new doctor\_list();**

**}**

**else if(ae.getSource()==jlp)**

**{**

**new Patient\_list();**

**}**

**else if(ae.getSource()==jls)**

**{**

**new Staff\_list();**

**}**

**else if(ae.getSource()==jlw)**

**{**

**new ward\_list();**

**}**

**//MODIFY**

**else if(ae.getSource()==jad)**

**{**

**new Modify\_doctor();**

**}**

**else if(ae.getSource()==jap)**

**{**

**new Modify\_Patient();**

**}**

**else if(ae.getSource()==jas)**

**{**

**new Modify\_Staff();**

**}**

**else if(ae.getSource()==jaw)**

**{**

**new Modify\_ward();**

**}**

**//DELETE**

**else if(ae.getSource()==jdd)**

**{**

**new doctor\_delete();**

**}**

**else if(ae.getSource()==jdp)**

**{**

**new Patient\_delete();**

**}**

**else if(ae.getSource()==jds)**

**{**

**new Staff\_delete();**

**}**

**else if(ae.getSource()==jdw)**

**{**

**new Ward\_delete();**

**}**

**//Exit**

**else if(ae.getSource()==jh)**

**{**

**System.exit(0);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new MenuBar();**

**}**

**}**

**import java.awt.\*;**

**import java.sql.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**class Modify\_doctor implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8;**

**JTextField t1,t2,t3,t4,t5,t6,t7;**

**JButton b1,b2,b3;**

**Modify\_doctor()**

**{**

**jf=new JFrame("Update Doctor details");**

**jf.setSize(900,650);**

**jf.setLocation(450,150);**

**jf.setBackground(Color.white);**

**jf.setLayout(null);**

**JLabel l1 = new JLabel("Enter doctor\_id number to update ");**

**l1.setBounds(50,100,500,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**jf.add(l1);**

**t1 = new JTextField();**

**t1.setBounds(500,100,200,30);**

**jf.add(t1);**

**b1 = new JButton("Update");**

**b1.setForeground(Color.WHITE);**

**b1.setBounds(720,100,100,30);**

**jf.add(b1);**

**b1.addActionListener(this);**

**l2 = new JLabel("Update Doctor Details:");**

**l2.setBounds(50,10,500,50);**

**l2.setFont(new Font("serif",Font.ITALIC,40));**

**l2.setForeground(Color.black);**

**jf.add(l2);**

**l3= new JLabel("Doctor\_id");**

**l3.setBounds(50,150,150,30);**

**l3.setFont(new Font("serif",Font.BOLD,20));**

**jf.add(l3);**

**t2=new JTextField();**

**t2.setBounds(200,150,150,30);**

**jf.add(t2);**

**l4=new JLabel("Doctor\_Name");**

**l4.setBounds(50,200,150,30);**

**l4.setFont(new Font("serif",Font.BOLD,20));**

**jf.add(l4);**

**t3=new JTextField();**

**t3.setBounds(200,200,150,30);**

**jf.add(t3);**

**l5=new JLabel("working\_time");**

**l5.setBounds(50,240,150,30);**

**l5.setFont(new Font("serif",Font.BOLD,20));**

**jf.add(l5);**

**t4=new JTextField();**

**t4.setBounds(200,240,150,30);**

**jf.add(t4);**

**l6=new JLabel("Specialization");**

**l6.setBounds(50,280,150,30);**

**l6.setFont(new Font("serif",Font.BOLD,20));**

**jf.add(l6);**

**t5=new JTextField();**

**t5.setBounds(200,280,150,30);**

**jf.add(t5);**

**l7=new JLabel("Dapartment");**

**l7.setBounds(50,320,150,30);**

**l7.setFont(new Font("serif",Font.BOLD,20));**

**jf.add(l7);**

**t6=new JTextField();**

**t6.setBounds(200,320,150,30);**

**jf.add(t6);**

**l8=new JLabel("Contact\_no");**

**l8.setBounds(50,360,150,30);**

**l8.setFont(new Font("serif",Font.BOLD,20));**

**jf.add(l8);**

**t7=new JTextField();**

**t7.setBounds(200,360,150,30);**

**jf.add(t7);**

**b2 = new JButton("Submit");**

**b2.setBackground(Color.BLACK);**

**b2.setForeground(Color.WHITE);**

**b2.setBounds(250,420,150,40);**

**jf.add(b2);**

**b3=new JButton("Cancel");**

**b3.setBackground(Color.BLACK);**

**b3.setForeground(Color.WHITE);**

**b3.setBounds(450,420,150,40);**

**jf.add(b3);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource() == b1){**

**try{**

**conn con = new conn();**

**String str = "select \* from doctor where DOCTORID= '"+t1.getText()+"'";**

**ResultSet rs = con.s.executeQuery(str);**

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

**//jf.setVisible(true);**

**t2.setText(rs.getString(1));**

**t3.setText(rs.getString(2));**

**t4.setText(rs.getString(3));**

**t5.setText(rs.getString(4));**

**t6.setText(rs.getString(5));**

**t7.setText(rs.getString(6));**

**}**

**}catch(Exception ex){}**

**}**

**if(ae.getSource()==b2){**

**try{**

**conn con = new conn();**

**String str = " update doctor set DOCTORID='"+t2.getText()+"',DOCTORNAME='"+t3.getText()+"',WORKINGTIME='"+t4.getText()+"',SPLICALIZATION='"+t5.getText()+"',DEPT='"+t6.getText()+"', CONTACT='"+t7.getText()+"' where DOCTORID='"+t1.getText()+"'";**

**con.s.executeUpdate(str);**

**JOptionPane.showMessageDialog(null,"successfully updated");**

**jf.setVisible(false);**

**new doctor\_list();**

**}catch(Exception e){**

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

**}**

**}**

**if(ae.getSource()==b3){**

**jf.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String[] arg)**

**{**

**new Modify\_doctor();**

**}**

**}**

**import java.awt.\*;**

**import java.sql.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**class Modify\_Patient implements ActionListener**

**{**

**JFrame f;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9;**

**JTextField t1,t2,t3,t4,t5,t6,t7,t8;**

**JButton b1,b2,b3;**

**Modify\_Patient()**

**{**

**f=new JFrame("Update Patient details");**

**f.setSize(900,650);**

**f.setLocation(450,150);**

**f.setBackground(Color.white);**

**f.setLayout(null);**

**JLabel l1 = new JLabel("Enter Patient\_id number to update the data of student");**

**l1.setBounds(50,100,500,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**f.add(l1);**

**t1 = new JTextField();**

**t1.setBounds(500,100,200,30);**

**f.add(t1);**

**b1 = new JButton("Update");**

**b1.setForeground(Color.WHITE);**

**b1.setBounds(720,100,100,30);**

**f.add(b1);**

**b1.addActionListener(this);**

**l2 = new JLabel("Update Patient Details:");**

**l2.setBounds(50,10,500,50);**

**l2.setFont(new Font("serif",Font.ITALIC,40));**

**l2.setForeground(Color.black);**

**f.add(l2);**

**l3= new JLabel("Patient\_id");**

**l3.setBounds(50,150,150,30);**

**l3.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l3);**

**t2=new JTextField();**

**t2.setBounds(200,150,150,30);**

**f.add(t2);**

**l4=new JLabel("patient\_Name");**

**l4.setBounds(50,200,150,30);**

**l4.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l4);**

**t3=new JTextField();**

**t3.setBounds(200,200,150,30);**

**f.add(t3);**

**l5=new JLabel("Age");**

**l5.setBounds(50,240,150,30);**

**l5.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l5);**

**t4=new JTextField();**

**t4.setBounds(200,240,150,30);**

**f.add(t4);**

**l6=new JLabel("Blood\_group");**

**l6.setBounds(50,280,150,30);**

**l6.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l6);**

**t5=new JTextField();**

**t5.setBounds(200,280,150,30);**

**f.add(t5);**

**l7=new JLabel("Diseases");**

**l7.setBounds(50,320,150,30);**

**l7.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l7);**

**t6=new JTextField();**

**t6.setBounds(200,320,150,30);**

**f.add(t6);**

**l8=new JLabel("Date of addmit");**

**l8.setBounds(50,360,150,30);**

**l8.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l8);**

**t7=new JTextField();**

**t7.setBounds(200,360,150,30);**

**f.add(t7);**

**l9=new JLabel("Conatct\_no");**

**l9.setBounds(50,420,150,30);**

**l9.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l9);**

**t8=new JTextField();**

**t8.setBounds(200,420,150,30);**

**f.add(t8);**

**b2 = new JButton("Submit");**

**b2.setBackground(Color.BLACK);**

**b2.setForeground(Color.WHITE);**

**b2.setBounds(250,480,150,40);**

**f.add(b2);**

**b3=new JButton("Cancel");**

**b3.setBackground(Color.BLACK);**

**b3.setForeground(Color.WHITE);**

**b3.setBounds(450,480,150,40);**

**f.add(b3);**

**b2.addActionListener(this);**

**//b3.addActionListener(this);**

**f.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource() == b1){**

**try{**

**conn con = new conn();**

**String str = "select \* from Patient where PATIENTID = '"+t1.getText()+"'";**

**ResultSet rs = con.s.executeQuery(str);**

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

**f.setVisible(true);**

**t2.setText(rs.getString(1));**

**t3.setText(rs.getString(2));**

**t4.setText(rs.getString(3));**

**t5.setText(rs.getString(4));**

**t6.setText(rs.getString(5));**

**t7.setText(rs.getString(6));**

**t8.setText(rs.getString(7));**

**}**

**}catch(Exception ex){}**

**}**

**if(ae.getSource()==b2){**

**try {**

**conn con = new conn();**

**String str = " update Patient set PATIENTID='"+t2.getText()+"',PATIENTNAME='"+t3.getText()+"', AGE='"+t4.getText()+"',BLOODGROUP='"+t5.getText()+"',DISEASES='"+t6.getText()+"', DOA='"+t7.getText()+"', CONATCTNO='"+t8.getText()+"' where PATIENTID='"+t1.getText()+"'";**

**con.s.executeUpdate(str);**

**JOptionPane.showMessageDialog(null,"successfully updated");**

**f.setVisible(false);**

**new Patient\_list();**

**}catch(Exception e){**

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

**}**

**}**

**}**

**public static void main(String[] arg)**

**{**

**new Modify\_Patient();**

**}**

**}**

**import java.awt.\*;**

**import java.sql.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**class Modify\_Staff implements ActionListener**

**{**

**JFrame fa;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8;**

**JTextField t1,t2,t3,t4,t5,t6,t7;**

**JButton b1,b2,b3;**

**Modify\_Staff()**

**{**

**fa=new JFrame("Update Staff details");**

**fa.setSize(900,650);**

**fa.setLocation(450,150);**

**fa.setBackground(Color.white);**

**fa.setLayout(null);**

**JLabel l1 = new JLabel("Enter Staff\_id number to update the data of student");**

**l1.setBounds(50,100,500,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**fa.add(l1);**

**t1 = new JTextField();**

**t1.setBounds(500,100,200,30);**

**fa.add(t1);**

**b1 = new JButton("Update");**

**b1.setForeground(Color.WHITE);**

**b1.setBounds(720,100,100,30);**

**fa.add(b1);**

**b1.addActionListener(this);**

**l2 = new JLabel("Update Staff Details:");**

**l2.setBounds(50,10,500,50);**

**l2.setFont(new Font("serif",Font.ITALIC,40));**

**l2.setForeground(Color.black);**

**fa.add(l2);**

**l3= new JLabel("Eim\_id");**

**l3.setBounds(50,150,150,30);**

**l3.setFont(new Font("serif",Font.BOLD,20));**

**fa.add(l3);**

**t2=new JTextField();**

**t2.setBounds(200,150,150,30);**

**fa.add(t2);**

**l4=new JLabel("Emp\_Name");**

**l4.setBounds(50,200,150,30);**

**l4.setFont(new Font("serif",Font.BOLD,20));**

**fa.add(l4);**

**t3=new JTextField();**

**t3.setBounds(200,200,150,30);**

**fa.add(t3);**

**l5=new JLabel("Desig");**

**l5.setBounds(50,240,150,30);**

**l5.setFont(new Font("serif",Font.BOLD,20));**

**fa.add(l5);**

**t4=new JTextField();**

**t4.setBounds(200,240,150,30);**

**fa.add(t4);**

**l6=new JLabel("Dapartment");**

**l6.setBounds(50,280,150,30);**

**l6.setFont(new Font("serif",Font.BOLD,20));**

**fa.add(l6);**

**t5=new JTextField();**

**t5.setBounds(200,280,150,30);**

**fa.add(t5);**

**l7=new JLabel("working\_hour");**

**l7.setBounds(50,320,150,30);**

**l7.setFont(new Font("serif",Font.BOLD,20));**

**fa.add(l7);**

**t6=new JTextField();**

**t6.setBounds(200,320,150,30);**

**fa.add(t6);**

**l8=new JLabel("Contact\_no");**

**l8.setBounds(50,360,150,30);**

**l8.setFont(new Font("serif",Font.BOLD,20));**

**fa.add(l8);**

**t7=new JTextField();**

**t7.setBounds(200,360,150,30);**

**fa.add(t7);**

**b2 = new JButton("Submit");**

**b2.setBackground(Color.BLACK);**

**b2.setForeground(Color.WHITE);**

**b2.setBounds(250,420,150,40);**

**fa.add(b2);**

**b3=new JButton("Cancel");**

**b3.setBackground(Color.BLACK);**

**b3.setForeground(Color.WHITE);**

**b3.setBounds(450,420,150,40);**

**fa.add(b3);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**fa.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource() == b1){**

**try{**

**conn con = new conn();**

**String str = "select \* from Staff where EIM\_ID= '"+t1.getText()+"'";**

**ResultSet rs = con.s.executeQuery(str);**

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

**fa.setVisible(true);**

**t2.setText(rs.getString(1));**

**t3.setText(rs.getString(2));**

**t4.setText(rs.getString(3));**

**t5.setText(rs.getString(4));**

**t6.setText(rs.getString(5));**

**t7.setText(rs.getString(6));**

**}**

**}catch(Exception ex){}**

**}**

**if(ae.getSource()==b2){**

**try {**

**conn con = new conn();**

**String str = " update Staff set EIM\_ID='"+t2.getText()+"',EMP\_NAME='"+t3.getText()+"',DESIG='"+t4.getText()+"',DEPT='"+t5.getText()+"', WORKING\_HOUR='"+t6.getText()+"', CONATCT\_NO='"+t6.getText()+"' where EIM\_ID='"+t1.getText()+"'";**

**con.s.executeUpdate(str);**

**JOptionPane.showMessageDialog(null,"successfully updated");**

**fa.setVisible(false);**

**new Staff\_list();**

**}catch(Exception e){**

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

**}**

**}**

**if(ae.getSource()==b3)**

**{**

**fa.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String[] arg)**

**{**

**new Modify\_Staff();**

**}**

**}**

**import java.awt.\*;**

**import java.sql.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**class Modify\_ward implements ActionListener**

**{**

**JFrame f;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8;**

**JTextField t1,t2,t3,t4,t5,t6,t7;**

**JButton b1,b2,b3;**

**Modify\_ward()**

**{**

**f=new JFrame("Update ward details");**

**f.setSize(900,650);**

**f.setLocation(450,150);**

**f.setBackground(Color.white);**

**f.setLayout(null);**

**JLabel l1 = new JLabel("Enter ward\_id number to update the data of student");**

**l1.setBounds(50,100,500,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**f.add(l1);**

**t1 = new JTextField();**

**t1.setBounds(500,100,200,30);**

**f.add(t1);**

**b1 = new JButton("Update");**

**b1.setForeground(Color.WHITE);**

**b1.setBounds(720,100,100,30);**

**f.add(b1);**

**b1.addActionListener(this);**

**l2 = new JLabel("Update ward Details");**

**l2.setBounds(50,10,500,50);**

**l2.setFont(new Font("serif",Font.ITALIC,40));**

**l2.setForeground(Color.black);**

**f.add(l2);**

**l3= new JLabel("Word\_no");**

**l3.setBounds(50,150,150,30);**

**l3.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l3);**

**t2=new JTextField();**

**t2.setBounds(200,150,150,30);**

**f.add(t2);**

**l4=new JLabel("Number of beds");**

**l4.setBounds(50,200,150,30);**

**l4.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l4);**

**t3=new JTextField();**

**t3.setBounds(200,200,150,30);**

**f.add(t3);**

**l5=new JLabel("location");**

**l5.setBounds(50,240,150,30);**

**l5.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l5);**

**t4=new JTextField();**

**t4.setBounds(200,240,150,30);**

**f.add(t4);**

**l6=new JLabel("Dapartment");**

**l6.setBounds(50,280,150,30);**

**l6.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l6);**

**t5=new JTextField();**

**t5.setBounds(200,280,150,30);**

**f.add(t5);**

**/\***

**l7=new JLabel("working\_hour");**

**l7.setBounds(50,320,150,30);**

**l7.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l7);**

**t6=new JTextField();**

**t6.setBounds(200,320,150,30);**

**f.add(t6);**

**l8=new JLabel("Contact\_no");**

**l8.setBounds(50,360,150,30);**

**l8.setFont(new Font("serif",Font.BOLD,20));**

**f.add(l8);**

**t7=new JTextField();**

**t7.setBounds(200,360,150,30);**

**f.add(t7);\*/**

**b2 = new JButton("Submit");**

**b2.setBackground(Color.BLACK);**

**b2.setForeground(Color.WHITE);**

**b2.setBounds(250,420,150,40);**

**f.add(b2);**

**b3=new JButton("Cancel");**

**b3.setBackground(Color.BLACK);**

**b3.setForeground(Color.WHITE);**

**b3.setBounds(450,420,150,40);**

**f.add(b3);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**f.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource() == b1){**

**try{**

**conn con = new conn();**

**String str = "select \* from Ward where WORD\_NO= '"+t1.getText()+"'";**

**ResultSet rs = con.s.executeQuery(str);**

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

**f.setVisible(true);**

**t2.setText(rs.getString(1));**

**t3.setText(rs.getString(2));**

**t4.setText(rs.getString(3));**

**t5.setText(rs.getString(4));**

**}**

**}catch(Exception ex){}**

**}**

**if(ae.getSource()==b2){**

**try {**

**conn con = new conn();**

**String str = " update Ward set WORD\_NO='"+t2.getText()+"',NOB='"+t3.getText()+"',LOCATION='"+t4.getText()+"',DEPT='"+t5.getText()+"' where WORD\_NO='"+t1.getText()+"'";**

**con.s.executeUpdate(str);**

**JOptionPane.showMessageDialog(null,"successfully updated");**

**f.setVisible(false);**

**new Staff\_list();**

**}catch(Exception e){**

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

**}**

**}**

**if(ae.getSource()==b3)**

**{**

**f.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String[] arg)**

**{**

**new Modify\_ward();**

**}**

**}**

**import java.sql.\*;**

**class Nal\_database**

**{**

**public static void main(String a[])**

**{**

**try**

**{**

**//Class.forName("Oracle.jdbc.driver.OracleDriver");**

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

**Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","12345");**

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

**ResultSet rs=st.executeQuery("Select \* from student");**

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

**{**

**System.out.println(rs.getInt(1)+" "+rs.getString(2));**

**}**

**con.close();**

**}catch(Exception ex)**

**{**

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

**}**

**}**

**}**

**import java.sql.\*;**

**import java.util.\*;**

**class OracleCon**

**{**

**public static void main(String args[])**

**{**

**try{**

**//step1 load the driver class**

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

**//step2 create the connection object**

**Connection con=DriverManager.getConnection( "jdbc:oracle:thin:@localhost:1521:xe","system","12345");**

**//step3 create the statement object**

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

**//step4 execute query**

**ResultSet rs=stmt.executeQuery("select \* from emp");**

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

**System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));**

**//step5 close the connection object**

**con.close();**

**}**

**catch(Exception e){**

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

**}**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.util.\*;**

**import java.sql.\*;**

**public class Patient implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2,l3,l4,l5,l6,l7;**

**JComboBox c1,c2;**

**JTextField t1,t2,t3,t4,t5,t6;**

**JButton b1,b2;**

**Random ran = new Random();**

**long first4 = (ran.nextLong() % 9000L) + 1000L;**

**long first = Math.abs(first4);**

**Patient()**

**{**

**jf=new JFrame("PatientDetails");**

**jf.setLayout(new FlowLayout());**

**ImageIcon ct = new ImageIcon("icons\\pt.jpg");**

**Image im = ct.getImage().getScaledInstance(600,600,Image.SCALE\_DEFAULT);**

**ImageIcon im1=new ImageIcon(im);**

**JLabel jt=new JLabel(im1);**

**jf.add(jt);**

**l1=new JLabel("Patient\_id");**

**l1.setBounds(40,30,80,30);**

**t1=new JTextField();**

**t1.setBounds(220,30,150,30);**

**t1.setText("12"+first);**

**jt.add(l1);**

**jt.add(t1);**

**l2=new JLabel("patient\_Name");**

**l2.setBounds(40,70,80,30);**

**t2=new JTextField();**

**t2.setBounds(220,70,150,30);**

**jt.add(l2);**

**jt.add(t2);**

**l3=new JLabel("Age");**

**l3.setBounds(40,110,80,30);**

**t3=new JTextField();**

**t3.setBounds(220,110,150,30);**

**jt.add(l3);**

**jt.add(t3);**

**String Blood\_group[] = {"A+","O+","B+","AB+","A-","O-","B-"};**

**l4=new JLabel("Blood\_group");**

**l4.setBounds(40,150,150,30);**

**jt.add(l4);**

**c1=new JComboBox(Blood\_group);**

**c1.setBounds(220,150,150,30);**

**jt.add(c1);**

**String Diseases[]={"malaria","cancer","poli","ashma","covid"};**

**l5=new JLabel("Diseases");**

**l5.setBounds(40,190,150,30);**

**jt.add(l5);**

**c2=new JComboBox(Diseases);**

**c2.setBounds(220,190,150,30);**

**jt.add(c2);**

**l6=new JLabel("Date of addmit");**

**l6.setBounds(40,230,150,30);**

**jt.add(l6);**

**t4=new JTextField();**

**t4.setBounds(220,230,150,30);**

**jt.add(t4);**

**l7=new JLabel("Conatct\_no");**

**l7.setBounds(40,270,150,30);**

**jt.add(l6);**

**t5=new JTextField();**

**t5.setBounds(220,270,150,30);**

**jt.add(t5);**

**jt.add(l7);**

**b1=new JButton("ADD");**

**b1.setBounds(70,330,100,30);**

**b1.addActionListener(this);**

**jt.add(b1);**

**b2=new JButton("Clear");**

**b2.setBounds(220,330,100,30);**

**b2.addActionListener(this);**

**jt.add(b2);**

**jf.setSize(600,600);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String a = t1.getText();**

**String bb = t2.getText();**

**String c = t3.getText();**

**String d = (String)c1.getSelectedItem();**

**String e = (String)c2.getSelectedItem();**

**String f= t4.getText();**

**String g = t5.getText();**

**if(ae.getSource()==b1)**

**{**

**try{**

**conn cc=new conn();**

**String q = "insert into Patient values('"+a+"','"+bb+"','"+c+"','"+d+"','"+e+"','"+f+"','"+g+"')";**

**cc.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"patient Details Inserted Successfully");**

**jf.setVisible(false);**

**}catch(Exception ee){**

**System.out.println("The error is:"+ee);**

**}**

**}else if(ae.getSource() == b2){**

**jf.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Patient();**

**}**

**}**

**import javax.swing.\*;**

**import java .awt.\*;**

**import java .awt. event.\*;**

**public class Patient\_delete implements ActionListener**

**{**

**JFrame jf;**

**JLabel t1;**

**JTextField tf;**

**JButton b1;**

**Patient\_delete()**

**{**

**jf=new JFrame(" Patient delete record");**

**t1=new JLabel("ENTER THE Patient ID");**

**t1.setBounds(30,40,250,30);**

**t1.setFont(new Font("serif",Font.ITALIC,20));**

**tf=new JTextField();**

**tf.setBounds(290,40,200,30);**

**b1=new JButton("DELETE");**

**b1.setBounds(510,40,100,30);**

**b1.addActionListener(this);**

**jf.setLayout(null);**

**jf.add(t1);**

**jf.add(tf);**

**jf.add(b1);**

**jf.setSize(700,400);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ar)**

**{**

**conn c1 = new conn();**

**if(ar.getSource() == b1){**

**try{**

**String a = tf.getText();**

**String q = "delete from patient where PATIENTID = '"+a+"'";**

**c1.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"successfully delete");**

**jf.setVisible(false);**

**new Patient\_list();//.jf.setVisible(true);**

**}catch(Exception e){}**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Patient\_delete();**

**}**

**}**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**import java.sql.\*;**

**public class Patient\_list**

**{**

**JFrame jf;**

**JTable t1;**

**String x[] = {"Patient\_id","patient\_Name","Age","Blood\_group","Diseases","Date of addmit","Conatct\_no"};**

**String y[][] = new String[20][7];**

**int i=0, j=0;**

**Patient\_list()**

**{**

**jf=new JFrame("LIST");**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from patient";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**y[i][j++]=rs.getString(5);**

**y[i][j++]=rs.getString(6);**

**y[i][j++]=rs.getString(7);**

**i++;**

**j=0;**

**}**

**t1 = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(t1);**

**sp.setBounds(20,20,1200,330);**

**jf.add(sp);**

**// sp.getContentPane().setBackground(Color.WHITE);**

**jf.setLayout(null);**

**jf.setSize(1300,500);**

**jf.setVisible(true);**

**}**

**public static void main(String ar[])**

**{**

**new Patient\_list();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.sql.\*;**

**public class PatientS implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2;**

**JTextField t1;**

**JButton b1,b2;**

**JTable tabel;**

**String x[] = {"PATIENTID","PATIENTNAME","AGE","BLOODGROUP","DISEASES","DOA","CONATCTNO"};**

**String y[][] = new String[20][7];**

**int i=0, j=0;**

**PatientS()**

**{**

**jf=new JFrame("PATIENT\_Search");**

**l1=new JLabel("Enter the PATIENT\_id");**

**l1.setBounds(40,70,200,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**jf.add(l1);**

**t1=new JTextField();**

**t1.setBounds(250,70,200,30);**

**jf.add(t1);**

**b1=new JButton("search");**

**b1.setBounds(550,70,100,30);**

**b1.addActionListener(this);**

**jf.add(b1);**

**jf.setLayout(null);**

**jf.setBounds(30,50,700,700);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource()==b1)**

**{**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from PATIENT where PATIENTID='"+t1.getText()+"'";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**y[i][j++]=rs.getString(5);**

**y[i][j++]=rs.getString(6);**

**y[i][j++]=rs.getString(7);**

**i++;**

**j=0;**

**}**

**tabel = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(tabel);**

**sp.setBounds(20,150,490 ,330);**

**jf.add(sp);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new PatientS();**

**}**

**}**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**class payment\_option implements ActionListener{**

**JFrame fr;**

**JLabel l1;**

**JButton b1,b2;**

**payment\_option()**

**{**

**fr=new JFrame("PAYMENT OPTION");**

**l1=new JLabel("PAYMENT OPTION");**

**l1.setFont(new Font("serif",Font.BOLD,25));**

**l1.setBounds(110,50,250,40);**

**fr.add(l1);**

**b1=new JButton("DEBIT CARD");**

**b1.setBounds(70,110,140,40);**

**b1.setFont(new Font("serif",Font.ITALIC,15));**

**fr.add(b1);**

**b2=new JButton("CREDIT CARD");**

**b1.addActionListener(this);**

**b2.setBounds(230,110,140,40);**

**b2.setFont(new Font("serif",Font.ITALIC,15));**

**b2.addActionListener(this);**

**fr.add(b2);**

**fr.setLayout(null);**

**fr.setSize(500,400);**

**fr.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource()==b1)**

**{**

**fr.setVisible(false);**

**new WardS();**

**}**

**if(ae.getSource()==b2)**

**{**

**fr.setVisible(false);**

**new StaffS();**

**}**

**}**

**public static void main(String ar[])**

**{**

**new payment\_option();**

**}**

**}**

**import javax.swing.\*;**

**import java.awt.\*;**

**public class ProgressBar1**

**{**

**JFrame jf;**

**JProgressBar jp;**

**int i=0;**

**ProgressBar1()**

**{**

**jf=new JFrame("Hospital Mangement");**

**ImageIcon c1 = new ImageIcon("icons\\first.jpg");**

**Image im = c1.getImage().getScaledInstance(800, 800,Image.SCALE\_DEFAULT);**

**ImageIcon c2=new ImageIcon(im);**

**JLabel jl=new JLabel(c2);**

**jl.setBounds(0,0,800,600);**

**jf.add(jl);**

**jp=new JProgressBar(0,2000);**

**jp.setBounds(0,570,790,40);**

**jp.setValue(0);**

**jp.setStringPainted(true);**

**jf.setLayout(null);**

**jf.add(jp);**

**jf.setSize(780,650);**

**jf.setVisible(true);**

**}**

**public void iterate()**

**{**

**while(i<=2000)**

**{**

**jp.setValue(i);**

**i=i+25;**

**try**

**{**

**Thread.sleep(100);**

**}catch(Exception ex)**

**{}**

**}**

**jf.setVisible(false);**

**new Logine();**

**}**

**public static void main(String ar[])**

**{**

**ProgressBar1 pb=new ProgressBar1();**

**pb.iterate();**

**}**

**}**

**import java.sql.\*;**

**import java.util.\*;**

**public class ram**

**{**

**public static void main(String ar[])**

**{**

**try{**

**//Class.forName("oracle.jdbc.driver.oracleDriver");**

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

**Connection tp=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","12345");**

**Statement st=tp.createStatement();**

**ResultSet rs=st.executeQuery("Select \* from doctor");**

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

**{**

**System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));**

**}**

**tp.close();**

**}**

**catch(Exception e)**

**{**

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

**}**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.util.\*;**

**public class Staff implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2,l3,l4,l5,l6,l7;**

**JComboBox c1,c2;**

**JTextField t1,t2,t3,t4,t5;**

**JButton b1,b2;**

**Random ran = new Random();**

**long first4 = (ran.nextLong() % 9000L) + 1000L;**

**long first = Math.abs(first4);**

**Staff ()**

**{**

**jf=new JFrame("StaffDetails");**

**jf.setLayout(new FlowLayout());**

**ImageIcon ct = new ImageIcon("icons\\wr.jpg");**

**Image im = ct.getImage().getScaledInstance(600,600,Image.SCALE\_DEFAULT);**

**ImageIcon im1=new ImageIcon(im);**

**JLabel jt=new JLabel(im1);**

**jf.add(jt);**

**l1=new JLabel("Eim\_id,");**

**l1.setBounds(40,30,80,30);**

**t1=new JTextField();**

**t1.setBounds(220,30,150,30);**

**t1.setText("12"+first);**

**jt.add(l1);**

**jt.add(t1);**

**l2=new JLabel("Emp\_Name");**

**l2.setBounds(40,70,80,30);**

**t2=new JTextField();**

**t2.setBounds(220,70,150,30);**

**jt.add(l2);**

**jt.add(t2);**

**l3=new JLabel("Desig");**

**l3.setBounds(40,110,80,30);**

**t3=new JTextField();**

**t3.setBounds(220,110,150,30);**

**jt.add(l3);**

**jt.add(t3);**

**String Dept[]={"Icu","Genral","op.theatr"};**

**l4=new JLabel("Dept");**

**l4.setBounds(40,150,150,30);**

**jt.add(l4);**

**c1=new JComboBox(Dept);**

**c1.setBounds(220,150,150,30);**

**jt.add(c1);**

**l5=new JLabel("working\_hour");**

**l5.setBounds(40,190,150,30);**

**jt.add(l5);**

**t4=new JTextField();**

**t4.setBounds(220,190,150,30);**

**jt.add(t4);**

**l6=new JLabel("Conatct\_no");**

**l6.setBounds(40,230,150,30);**

**jt.add(l6);**

**t5=new JTextField();**

**t5.setBounds(220,230,150,30);**

**jt.add(t5);**

**b1=new JButton("ADD");**

**b1.setBounds(70,290,100,30);**

**b1.addActionListener(this);**

**jt.add(b1);**

**b2=new JButton("Clear");**

**b2.setBounds(220,290,100,30);**

**b2.addActionListener(this);**

**jt.add(b2);**

**jf.setSize(600,600);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String a = t1.getText();**

**String bb = t2.getText();**

**String c = t3.getText();**

**String d = (String)c1.getSelectedItem();**

**String e = t4.getText();**

**String f = t5.getText();**

**if(ae.getSource() == b1)**

**{**

**try{**

**conn cc = new conn();**

**String q = "insert into Staff values('"+a+"','"+bb+"','"+c+"','"+d+"','"+e+"','"+f+"')";**

**cc.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"staff Details Inserted Successfully");**

**jf.setVisible(false);**

**}catch(Exception ee){**

**System.out.println("The error is:"+ee);**

**}**

**}else if(ae.getSource() == b2){**

**jf.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Staff ();**

**}**

**}**

**import javax.swing.\*;**

**import java .awt.\*;**

**import java .awt. event.\*;**

**public class Staff\_delete implements ActionListener**

**{**

**JFrame jf;**

**JLabel t1;**

**JTextField tf;**

**JButton b1;**

**Staff\_delete()**

**{**

**jf=new JFrame(" Staff delete record");**

**t1=new JLabel("ENTER THE Staff ID");**

**t1.setBounds(30,40,250,30);**

**t1.setFont(new Font("serif",Font.ITALIC,20));**

**tf=new JTextField();**

**tf.setBounds(290,40,200,30);**

**b1=new JButton("DELETE");**

**b1.setBounds(510,40,100,30);**

**b1.addActionListener(this);**

**jf.setLayout(null);**

**jf.add(t1);**

**jf.add(tf);**

**jf.add(b1);**

**jf.setSize(700,400);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ar)**

**{**

**conn c1 = new conn();**

**if(ar.getSource() == b1){**

**try{**

**String a = tf.getText();**

**String q = "delete from STAFF where Eim\_id = '"+a+"'";**

**c1.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"successfully delete");**

**jf.setVisible(false);**

**new Staff\_list();//.jf.setVisible(true);**

**}catch(Exception e){}**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Staff\_delete();**

**}**

**}**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**import java.sql.\*;**

**public class Staff\_list**

**{**

**JFrame jf;**

**JTable t1;**

**String x[] = {"Eim\_id","Emp\_Name","Desig","Dept","working\_hour","Conatct\_no"};**

**String y[][] = new String[20][6];**

**int i=0, j=0;**

**Staff\_list()**

**{**

**jf=new JFrame("LIST");**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from Staff";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**y[i][j++]=rs.getString(5);**

**y[i][j++]=rs.getString(6);**

**i++;**

**j=0;**

**}**

**t1 = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(t1);**

**sp.setBounds(20,20,1200,330);**

**jf.add(sp);**

**// sp.getContentPane().setBackground(Color.WHITE);**

**jf.setLayout(null);**

**jf.setSize(1300,500);**

**jf.setVisible(true);**

**}**

**public static void main(String ar[])**

**{**

**new Staff\_list();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.sql.\*;**

**public class StaffS implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2;**

**JTextField t1;**

**JButton b1,b2;**

**JTable tabel;**

**String x[] = {"EIM\_ID","EMP\_NAME","DESIG","DEPT","WORKING\_HOUR","CONATCT\_NO"};**

**String y[][] = new String[20][6];**

**int i=0, j=0;**

**StaffS()**

**{**

**jf=new JFrame("STAFF\_Search");**

**l1=new JLabel("Enter the Staff\_id");**

**l1.setBounds(40,70,200,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**jf.add(l1);**

**t1=new JTextField();**

**t1.setBounds(250,70,200,30);**

**jf.add(t1);**

**b1=new JButton("search");**

**b1.setBounds(550,70,100,30);**

**b1.addActionListener(this);**

**jf.add(b1);**

**jf.setLayout(null);**

**jf.setBounds(30,50,700,700);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource()==b1)**

**{**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from STAFF where EIM\_ID='"+t1.getText()+"'";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**y[i][j++]=rs.getString(5);**

**y[i][j++]=rs.getString(6);**

**i++;**

**j=0;**

**}**

**tabel = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(tabel);**

**sp.setBounds(20,150,490 ,330);**

**jf.add(sp);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new StaffS();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.util.\*;**

**import java.sql.\*;**

**public class ward implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2,l3,l4,l5,l6,l7;**

**JComboBox c1,c2;**

**JTextField t1,t2,t3,t4,t5,t6;**

**JButton b1,b2;**

**Random ran = new Random();**

**long first4 = (ran.nextLong() % 9000L) + 1000L;**

**long first = Math.abs(first4);**

**ward()**

**{**

**jf=new JFrame("wardDetails");**

**jf.setLayout(new FlowLayout());**

**ImageIcon ct = new ImageIcon("icons\\hr.jpg");**

**Image im = ct.getImage().getScaledInstance(600,600,Image.SCALE\_DEFAULT);**

**ImageIcon im1=new ImageIcon(im);**

**JLabel jt=new JLabel(im1);**

**jf.add(jt);**

**l1=new JLabel("Word\_no,");**

**l1.setBounds(40,30,80,30);**

**t1=new JTextField();**

**t1.setBounds(220,30,150,30);**

**t1.setText("12"+first);**

**jt.add(l1);**

**jt.add(t1);**

**l2=new JLabel("Number of beds");**

**l2.setBounds(40,70,120,30);**

**t2=new JTextField();**

**t2.setBounds(220,70,150,30);**

**jt.add(l2);**

**jt.add(t2);**

**l3=new JLabel("location");**

**l3.setBounds(40,110,80,30);**

**t3=new JTextField();**

**t3.setBounds(220,110,150,30);**

**jt.add(l3);**

**jt.add(t3);**

**String Dept[]={"Icu","Genral","op.theatr"};**

**l4=new JLabel("Dept");**

**l4.setBounds(40,150,150,30);**

**jt.add(l4);**

**c1=new JComboBox(Dept);**

**c1.setBounds(220,150,150,30);**

**jt.add(c1);**

**b1=new JButton("ADD");**

**b1.setBounds(70,290,100,30);**

**b1.addActionListener(this);**

**jt.add(b1);**

**b2=new JButton("Clear");**

**b2.setBounds(220,290,100,30);**

**b2.addActionListener(this);**

**jt.add(b2);**

**jf.setSize(600,600);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String a = t1.getText();**

**String bb = t2.getText();**

**String c = t3.getText();**

**String d = (String)c1.getSelectedItem();**

**if(ae.getSource() == b1)**

**{**

**try{**

**conn cc = new conn();**

**String q = "insert into ward values('"+a+"','"+bb+"','"+c+"','"+d+"')";**

**cc.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"ward Details Inserted Successfully");**

**jf.setVisible(false);**

**}catch(Exception ee){**

**System.out.println("The error is:"+ee);**

**}**

**}else if(ae.getSource() == b2){**

**jf.setVisible(false);**

**new MenuBar().jf.setVisible(true);**

**}**

**}**

**public static void main(String ar[])**

**{**

**new ward();**

**}**

**}**

**import javax.swing.\*;**

**import java .awt.\*;**

**import java .awt. event.\*;**

**public class Ward\_delete implements ActionListener**

**{**

**JFrame jf;**

**JLabel t1;**

**JTextField tf;**

**JButton b1;**

**Ward\_delete()**

**{**

**jf=new JFrame(" ward delete record");**

**t1=new JLabel("ENTER THE Ward ID");**

**t1.setBounds(30,40,250,30);**

**t1.setFont(new Font("serif",Font.ITALIC,20));**

**tf=new JTextField();**

**tf.setBounds(290,40,200,30);**

**b1=new JButton("DELETE");**

**b1.setBounds(510,40,100,30);**

**b1.addActionListener(this);**

**jf.setLayout(null);**

**jf.add(t1);**

**jf.add(tf);**

**jf.add(b1);**

**jf.setSize(700,400);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ar)**

**{**

**conn c1 = new conn();**

**if(ar.getSource() == b1){**

**try{**

**String a = tf.getText();**

**String q = "delete from WARD where Word\_no = '"+a+"'";**

**c1.s.executeUpdate(q);**

**JOptionPane.showMessageDialog(null,"successfully delete");**

**jf.setVisible(false);**

**new ward\_list();//.jf.setVisible(true);**

**}catch(Exception e){}**

**}**

**}**

**public static void main(String ar[])**

**{**

**new Ward\_delete();**

**}**

**}**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**import java.sql.\*;**

**public class ward\_list**

**{**

**JFrame jf;**

**JTable t1;**

**String x[] = {"Word\_no","Number of beds","location","Dept"};**

**String y[][] = new String[20][4];**

**int i=0, j=0;**

**ward\_list()**

**{**

**jf=new JFrame("LIST");**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from Staff";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**i++;**

**j=0;**

**}**

**t1 = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(t1);**

**sp.setBounds(20,20,1200,330);**

**jf.add(sp);**

**// sp.getContentPane().setBackground(Color.WHITE);**

**jf.setLayout(null);**

**jf.setSize(1300,500);**

**jf.setVisible(true);**

**}**

**public static void main(String ar[])**

**{**

**new ward\_list();**

**}**

**}**

**import java.awt.\*;**

**import javax.swing.\*;**

**import java.awt.event.\*;**

**import java.sql.\*;**

**public class WardS implements ActionListener**

**{**

**JFrame jf;**

**JLabel l1,l2;**

**JTextField t1;**

**JButton b1,b2;**

**JTable tabel;**

**String x[] = {"ward\_id","NOB","LOCATION","DEPT"};**

**String y[][] = new String[20][4];**

**int i=0, j=0;**

**WardS()**

**{**

**jf=new JFrame("Ward\_Search");**

**l1=new JLabel("Enter the WORD\_NO");**

**l1.setBounds(40,70,200,30);**

**l1.setFont(new Font("serif",Font.ITALIC,20));**

**jf.add(l1);**

**t1=new JTextField();**

**t1.setBounds(250,70,200,30);**

**jf.add(t1);**

**b1=new JButton("search");**

**b1.setBounds(550,70,100,30);**

**b1.addActionListener(this);**

**jf.add(b1);**

**jf.setLayout(null);**

**jf.setBounds(30,50,700,700);**

**jf.setVisible(true);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource()==b1)**

**{**

**try{**

**conn c1 = new conn();**

**String s1 = "select \* from WARD where WORD\_NO='"+t1.getText()+"'";**

**ResultSet rs = c1.s.executeQuery(s1);**

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

**y[i][j++]=rs.getString(1);**

**y[i][j++]=rs.getString(2);**

**y[i][j++]=rs.getString(3);**

**y[i][j++]=rs.getString(4);**

**i++;**

**j=0;**

**}**

**tabel = new JTable(y,x);**

**}catch(Exception e){**

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

**}**

**JScrollPane sp = new JScrollPane(tabel);**

**sp.setBounds(20,150,490 ,330);**

**jf.add(sp);**

**}**

**}**

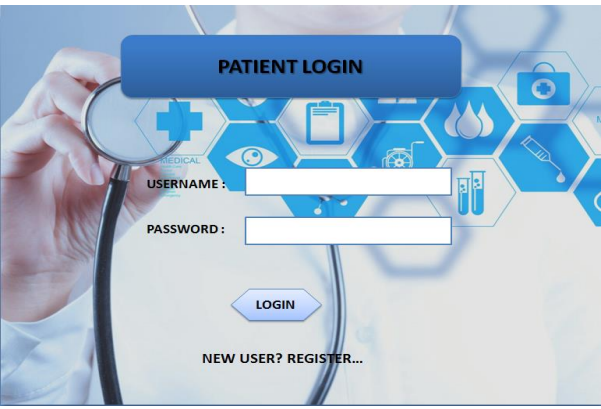
**public static void main(String ar[])**

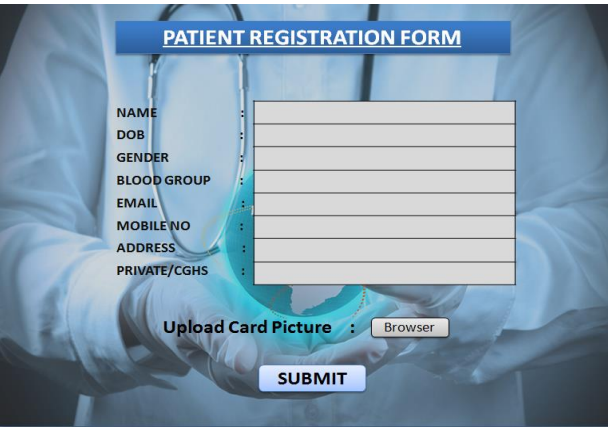
**{**

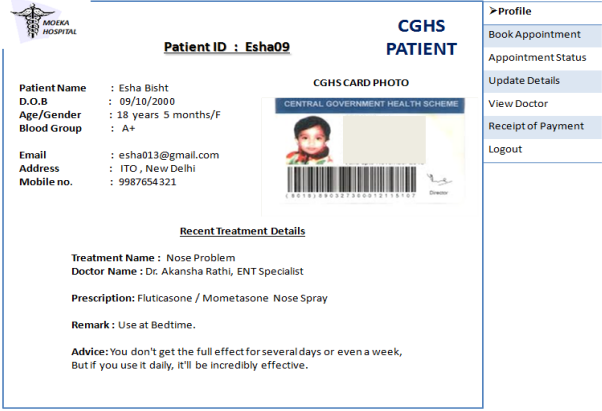
**new WardS();**

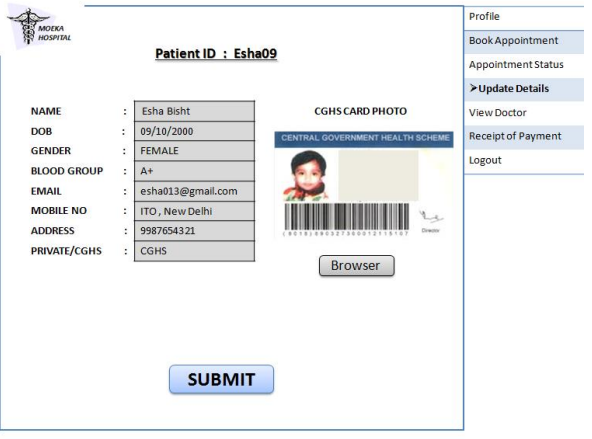
**}**

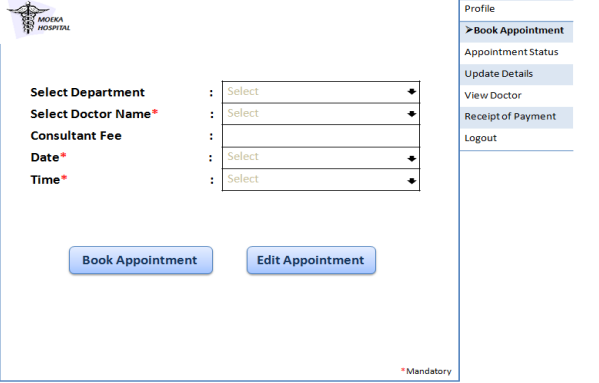
**}**

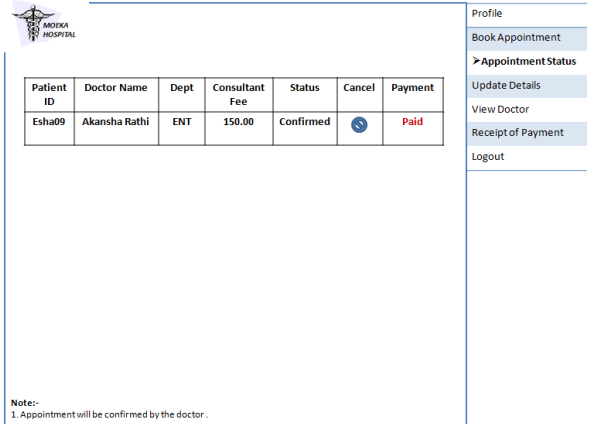
****

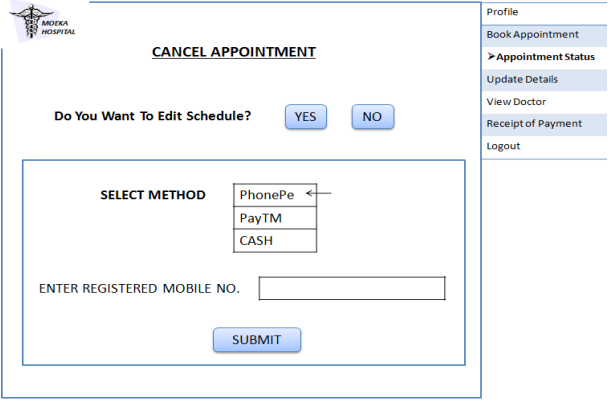
****

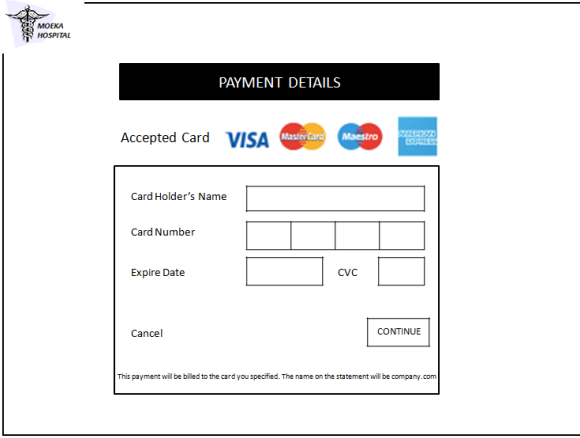
****

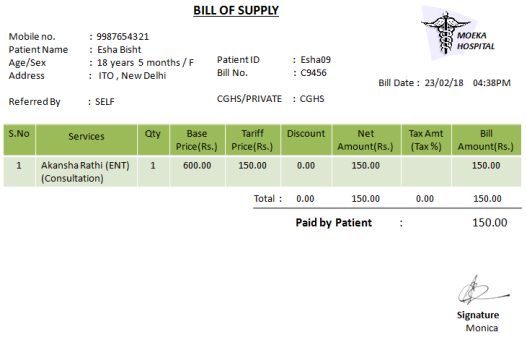
****

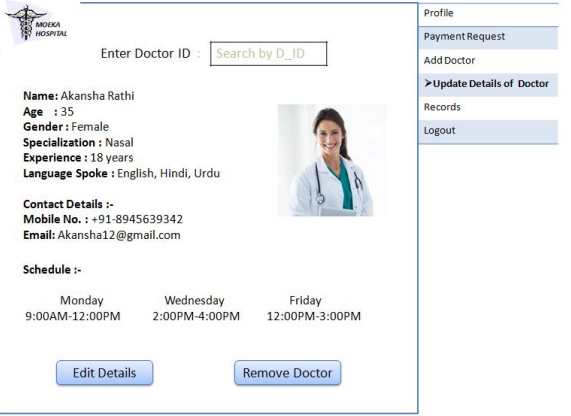
****

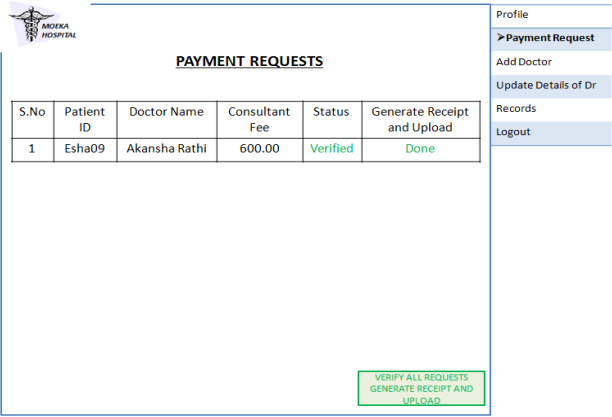
****

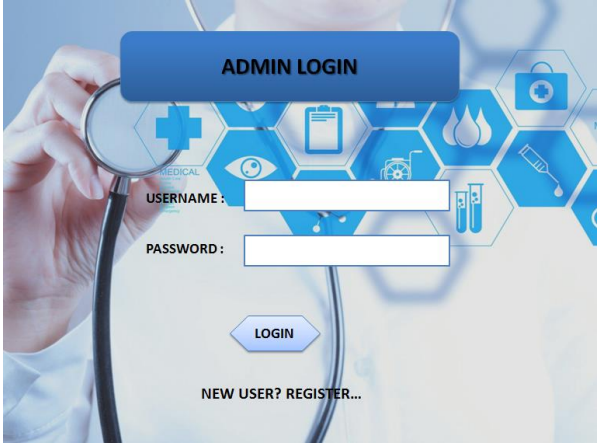
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**SCOPE OF THE PROJECT**

The Health Care Management System having a number of scope in health industry. Some of them are illustrated that is-

1. The information about the patient is dine by just writing the patient name, age and gender. Whenever the patient comes up his information is stored freshly.
2. The bills are generated by the recording price for every facility provided to patient on a separate sheet and at last they all are summed up.
3. The diagnosis information to patients is generally recorded on the document which contains patient information.
4. The immunization records of children are maintained in pre-formatted sheets, which are kept in a file.
5. The information about various diseases is not kept as any document. Doctors themselves do this job by remembering various medicines.

All the work done manually by the receptionist and other operational staff and lot of papers are needed to handle. This software decreases the work load as well as wastage of paper and time.

**LIMITATION OF THE PROJET**

1. It is time consuming as lot of time is wasted in searching and sorting of duty data
2. Poor security and data protection
3. There is a lot of scope for misplacement of checkup files
4. Patients should wait for longer time
5. The high cost of material for the project and the everyday constraint increaes in transportation tax during data collection affected the research work.
6. The datacollection from the staff is cubersome.