HOMEPAGE:

import javax.swing.\*;

import javax.swing.event.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.awt.Color;

import java.awt.Graphics;

import javax.swing.ImageIcon;

class MyHomePage extends JFrame

{

JButton admin,patient;

JPanel p1;

JLabel l;

Toolkit tools;

Dimension d;

public MyHomePage()

{

setVisible(true);

setTitle("Hospital Management");

l=new JLabel(" HOSPITAL MANAGEMENT");

l.setFont(new Font("Serif",Font.BOLD,50));

buildComponents();

designComponents();

admin.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

AdminFrame a1=new AdminFrame();

a1.setVisible(true);

}

}

);

patient.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

PatientFrame s1=new PatientFrame();

s1.setVisible(true);

}

}

);

}

public void buildComponents()

{

admin=new JButton("Admin");

patient=new JButton("Patient");

tools=Toolkit.getDefaultToolkit();

d=tools.getScreenSize();

setSize(d.width,d.height);

p1=new JPanel(new GridLayout(3,2));

}

public void designComponents()

{

p1.add(l);

p1.add(admin);

p1.add(patient);

add(p1);

admin.setFont(new Font("Italic",Font.BOLD,30));

patient.setFont(new Font("Italic",Font.BOLD,30));

p1.setBackground(Color.RED);

}

}

public class Home

{

public static void main(String ... args)

{

System.out.println("Lekha");

MyHomePage f1=new MyHomePage();

f1.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

class AdminFrame extends JFrame

{

JButton submit,back,b1;

JTextField t1;

JPanel p1;

JLabel Uname,Pwd;

JPasswordField pwd;

public AdminFrame()

{

setTitle("Admin");

setSize(400,400);

buildComponents();

designComponents();

back.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

);

submit.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

AdminFrame c=new AdminFrame();

boolean var=(t1.getText().equals("")) ||(pwd.getText().equals(""));

if(var==false)

{

try

{

DBHandler db=new DBHandler();

Admin ad=new Admin(t1.getText(),pwd.getText());

int res=db.insertAdmin(ad);

if(res>0)

{

JOptionPane.showMessageDialog(c,"Login successful");

Activity act=new Activity();

}

else

{

JOptionPane.showMessageDialog(c,"OOPS....." ,"data base Problem", JOptionPane.ERROR\_MESSAGE);

}

}

catch(Exception aa)

{

aa.printStackTrace();

}

}

else

{

JOptionPane.showMessageDialog(c,"Enter your Details " ,"Insufficient Data",JOptionPane.ERROR\_MESSAGE);

}

}

}

);

}

public void buildComponents()

{

Uname=new JLabel("UserName : ");

t1=new JTextField(8);

Pwd=new JLabel("Password:");

pwd=new JPasswordField(8);

submit=new JButton("Submit");

back=new JButton("<- Back");

p1=new JPanel(new GridLayout(3,2));

}

public void designComponents()

{

p1.add(Uname);

p1.add(t1);

p1.add(Pwd);

p1.add(pwd);

p1.add(back);

p1.add(submit,BorderLayout.SOUTH);

add(p1);

Uname.setFont(new Font("Italic",Font.BOLD,20));

Pwd.setFont(new Font("Italic",Font.BOLD,20));

submit.setFont(new Font("Serif",Font.BOLD,20));

back.setFont(new Font("Serif",Font.BOLD,20));

}

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

class Activity extends JFrame

{

JButton inpatient;

JButton outpatient;

JButton back;

JPanel p1;

Toolkit tools;

Dimension d;

public Activity()

{

setVisible(true);

setTitle("Activity");

buildComponents();

designComponents();

inpatient.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

InpatientFrame uf=new InpatientFrame();

uf.setVisible(true);

}

}

);

outpatient.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

OutpatientFrame df=new OutpatientFrame();

df.setVisible(true);

}

}

);

back.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

);

}

public void buildComponents()

{

inpatient=new JButton("Inpatientt");

outpatient=new JButton("Outpatient");

back=new JButton("<- Back");

p1=new JPanel(new GridLayout(3,3,10,10));

tools=Toolkit.getDefaultToolkit();

d=tools.getScreenSize();

setSize(d.width,d.height);

}

public void designComponents()

{

p1.add(inpatient);

p1.add(outpatient);

p1.add(back);

add(p1);

inpatient.setFont(new Font("Italic",Font.BOLD,30));

outpatient.setFont(new Font("Italic",Font.BOLD,30));

back.setFont(new Font("Italic",Font.BOLD,30));

inpatient.setBackground(Color.RED);

outpatient.setBackground(Color.CYAN);

back.setBackground(Color.GREEN);

}

}

class InpatientFrame extends JFrame

{

JButton insert,back,b1;

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

JPanel p1;

JLabel name,id,address,dob,date,time;

public InpatientFrame()

{

setTitle("Inpatient");

setSize(300,300);

buildComponents();

designComponents();

back.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

);

insert.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

InpatientFrame c=new InpatientFrame();

boolean var=(t1.getText().equals("")) ||(t2.getText().equals(""))||(t3.getText().equals(""))||(t4.getText().equals(""))||(t5.getText().equals(""))||(t6.getText().equals(""));

if(var==false)

{

try

{

DBHandler db=new DBHandler();

Inpatient ad=new Inpatient(t1.getText(),t2.getText(),t3.getText(),t4.getText(),t5.getText(),t6.getText());

int res=db.insertInpatient(ad);

if(res>0)

{

JOptionPane.showMessageDialog(c,"Insert successful");

}

else

JOptionPane.showMessageDialog(c,"OOPS....." ,"data base Problem", JOptionPane.ERROR\_MESSAGE);

}

catch(Exception aa)

{

aa.printStackTrace();

}

}

else

{

JOptionPane.showMessageDialog(c,"Enter your Details " ,"Insufficient Data",JOptionPane.ERROR\_MESSAGE);

}

}

}

);

}

public void buildComponents()

{

name=new JLabel("Name");

t1=new JTextField(20);

id=new JLabel("Id");

t2=new JTextField(20);

address=new JLabel("Address");

t3=new JTextField(20);

dob=new JLabel("DOB");

t4=new JTextField(20);

date=new JLabel("Date");

t5=new JTextField(20);

time=new JLabel("Time");

t6=new JTextField(20);

insert=new JButton("Insert");

back=new JButton("<- Back");

p1=new JPanel((new GridLayout(3,2)));

}

public void designComponents()

{

p1.add(name);

p1.add(t1);

p1.add(id);

p1.add(t2);

p1.add(address);

p1.add(t3);

p1.add(dob);

p1.add(t4);

p1.add(date);

p1.add(t5);

p1.add(time);

p1.add(t6);

p1.add(back);

p1.add(insert,BorderLayout.SOUTH);

add(p1);

name.setFont(new Font("Italic",Font.BOLD,20));

id.setFont(new Font("Italic",Font.BOLD,20));

address.setFont(new Font("Italic",Font.BOLD,20));

dob.setFont(new Font("Italic",Font.BOLD,20));

date.setFont(new Font("Italic",Font.BOLD,20));

time.setFont(new Font("Italic",Font.BOLD,20));

insert.setFont(new Font("Serif",Font.BOLD,20));

back.setFont(new Font("Serif",Font.BOLD,20));

}

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

class OutpatientFrame extends JFrame

{

JButton insert,back,b1;

JTextField t1;

JPanel p1;

JLabel id;

public OutpatientFrame()

{

setTitle("Outpatient");

setSize(300,300);

buildComponents();

designComponents();

back.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

);

insert.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

OutpatientFrame c=new OutpatientFrame();

boolean var=(t1.getText().equals(""));

if(var==false)

{

try

{

DBHandler db=new DBHandler();

Outpatient ad=new Outpatient(t1.getText());

int res=db.insertOutpatient(ad);

if(res>0)

{

JOptionPane.showMessageDialog(c,"Inserted successfully");

}

else

JOptionPane.showMessageDialog(c,"OOPS....." , "data base Problem",JOptionPane.ERROR\_MESSAGE);

}

catch(Exception aa)

{

aa.printStackTrace();

}

}

else

{

JOptionPane.showMessageDialog(c,"Enter your Details " ,"Insufficient Data",JOptionPane.ERROR\_MESSAGE);

}

}

}

);

}

public void buildComponents()

{

id=new JLabel("ID ");

t1=new JTextField(20);

insert=new JButton("Insert");

back=new JButton("<- Back");

p1=new JPanel((new GridLayout(2,2)));

}

public void designComponents()

{

p1.add(id);

p1.add(t1);

p1.add(back);

p1.add(insert,BorderLayout.SOUTH);

add(p1);

id.setFont(new Font("Italic",Font.BOLD,20));

insert.setFont(new Font("Serif",Font.BOLD,20));

back.setFont(new Font("Serif",Font.BOLD,20));

}

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

class PatientFrame extends JFrame

{

JButton insert,back,b1;

JTextField t1,t2,t3,t4;

JPanel p1;

JLabel name,address,date,dob,specialization,hospitalname;

JComboBox c5,c6;

public PatientFrame()

{

setTitle("Patient");

setSize(400,400);

buildComponents();

designComponents();

back.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

);

insert.addActionListener(

new ActionListener(){

public void actionPerformed(ActionEvent ae)

{

/\*String dept=(String)c3.getSelectedItem();

String year=(String)c4.getSelectedItem();\*/

String specialization =(String)c5.getSelectedItem();

String hospitalname=(String)c6.getSelectedItem();

PatientFrame c=new PatientFrame();

//boolean var=(t1.getText().equals("")) ||(t2.getText().equals("")) || (c3.getSelectedItem().equals(" ")) || (c4.getSelectedItem().equals(" ")) || (c5.getSelectedItem().equals(" ")) || (c6.getSelectedItem().equals(" "));

boolean var=(t1.getText().equals(""))||(t2.getText().equals(""))||(t3.getText().equals(""))||(t4.getText().equals(""));

if(var==false)

{

try

{

DBHandler db=new DBHandler();

//Student ad=new Student(t1.getText(),t2.getText(),c3.getSelectedItem(),c4.getSelectedItem(),c5.getSelectedItem(),c6.getSelectedItem());

Patient ad=new Patient(t1.getText(),t2.getText(),t3.getText(),t4.getText(),specialization,hospitalname);

int res=db.insertPatient(ad);

if(res>0)

{

JOptionPane.showMessageDialog(c,"Insert successful");

}

else

{

JOptionPane.showMessageDialog(c,"OOPS....." ,"data base Problem", JOptionPane.ERROR\_MESSAGE);

}

}

catch(Exception aa)

{

aa.printStackTrace();

}

}

else

{

JOptionPane.showMessageDialog(c,"Enter your Details " ,"Insufficient Data",JOptionPane.ERROR\_MESSAGE);

}

}

}

);

}

public void buildComponents()

{

name=new JLabel("Name :");

t1=new JTextField(8);

address=new JLabel("Address:");

t2=new JTextField(8);

dob=new JLabel("DOB");

t3=new JTextField(8);

date=new JLabel("Date");

t4=new JTextField(8);

specialization=new JLabel("Specialization");

c5=new JComboBox();

hospitalname=new JLabel("Hospitalname");

c6=new JComboBox();

insert=new JButton("Insert");

back=new JButton("<- Back");

p1=new JPanel(new GridLayout(7,1,10,10));

}

public void designComponents()

{

p1.add(name);

p1.add(t1);

p1.add(address);

p1.add(t2);

p1.add(dob);

p1.add(t3);

p1.add(date);

p1.add(t4);

p1.add(specialization);

c5.addItem("select specialization");c5.addItem("Cardiologist");c5.addItem("Dentist");c5.addItem("Dermotologist");c5.addItem("OB/GYN");c5.addItem("Family Physician");

p1.add(c5);

p1.add(hospitalname);

c6.addItem("Select Hospitalname");c6.addItem("Apollo");c6.addItem("Government Hospital");c6.addItem("Kaviya");c6.addItem("XYZ");

p1.add(c6);

p1.add(back);

p1.add(insert,BorderLayout.SOUTH);

add(p1);

name.setFont(new Font("Italic",Font.BOLD,20));

address.setFont(new Font("Italic",Font.BOLD,20));

dob.setFont(new Font("Italic",Font.BOLD,20));

date.setFont(new Font("Italic",Font.BOLD,20));

specialization.setFont(new Font("Italic",Font.BOLD,20));

hospitalname.setFont(new Font("Italic",Font.BOLD,20));

insert.setFont(new Font("Serif",Font.BOLD,20));

back.setFont(new Font("Serif",Font.BOLD,20));

}

public void actionPerformed(ActionEvent ae)

{

setVisible(false);

}

}

PATIENT PAGE:

import java.sql.\*;

public class Patient

{

public String Name;

public String Address;

public String DOB;

public String Date;

public String Specialization;

public String Hospitalname;

public Patient()

{

Name=" ";

Address=" ";

DOB=" ";

Date=" ";

Specialization=" ";

Hospitalname=" ";

}

public Patient(String a,String b,String c,String d,String e,String f)

{

Name=a;

Address=b;

DOB=c;

Date=d;

Specialization=e;

Hospitalname=f;

}

public String toString()

{

return Name + Address + DOB + Date + Specialization + Hospitalname;

}

}

ADMIN PAGE:

import java.sql.\*;

//Admin

public class Admin

{

String Username;

String Password;

public Admin()

{

Username=" ";

Password=" ";

}

public Admin(String uname,String pwd)

{

Username=uname;

Password=pwd;

}

public String toString()

{

return Username +Password;

}

}

INPATIENT PAGE:

import java.sql.\*;

public class Inpatient

{

public String Name;

public String Id;

public String Address;

public String DOB;

public String Date;

public String Time;

public Inpatient()

{

Name="";

Id="";

Address="";

DOB="";

Date="";

Time="";

}

public Inpatient(String a,String b,String c,String d,String e,String f)

{

Name=a;

Id=b;

Address=c;

DOB=d;

Date=e;

Time=f;

}

public String toString()

{

return Name + Id + Address + DOB + Date + Time;

}

}

OUTPATIENT PAGE:

import java.sql.\*;

//OutPatient Details

public class Outpatient

{

public String Id;

public Outpatient()

{

Id="";

}

public Outpatient(String a)

{

Id=a;

}

public String toString()

{

return Id;

}

}

DBHANDLER:

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.sql.\*;

public class DBHandler

{

Connection c;

Statement s;

public DBHandler()

{

try

{

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

c=DriverManager.getConnection("jdbc:mysql://localhost:3306/CityHospital","root","");

System.out.println("Connection successfull");

s=c.createStatement();

}

catch(Exception e)

{

System.out.println(e);

}

}

public int insertAdmin(Admin ad)

{

int x=0;

try

{

String query="insert into admin values('"+ad.Username+"','"+ad.Password+"')";

x=s.executeUpdate(query);

}

catch(Exception e)

{

System.out.println(e);

}

return x;

}

public int insertPatient(Patient p)

{

int x=0;

try

{

String query="insert into Patient values('"+p.Name+"',"+p.Address+",'"+p.DOB+"',"+p.Date+",'"+p.Specialization+"','"+p.Hospitalname+"')";

x=s.executeUpdate(query);

}

catch(Exception e)

{

System.out.println(e);

}

return x;

}

public int insertInpatient(Inpatient ip)

{

int x=0;

try

{

String query="insert into inpatient (Name,PatientId,Address,DOB,Date,Time) values('"+ip.Name+"',"+ip.Id+",'"+ip.Address+"',"+ip.DOB+",'"+ip.Date+"','"+ip.Time+"')";

x=s.executeUpdate(query);

}

catch(Exception e)

{

System.out.println(e);

}

return x;

}

public int insertOutpatient(Outpatient op)

{

int y=0;

try

{

String query="insert into outpatient (Id) values('"+op.Id+"')";

y=s.executeUpdate(query);

}

catch(Exception e)

{

System.out.println(e);

}

return y;

}

}

class DataBase

{

public static void main(String ... args)

{

int x;

DBHandler db=new DBHandler();

try

{

Admin ad=new Admin("Lekha","harini2");

x=db.insertAdmin(ad);

System.out.println(x);

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

}