

HOSTEL MANAGEMENT SYSTEM

An Embedded Project Report

(19CS391 Programming with JAVA)

Submitted by

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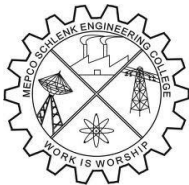
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BONAFIDE CERTIFICATE

Certified that this project report titled **Hostel Management System** is the bonafide work of **D.Kani Ratham-202004063, N.Sivakumar -202004140, S.Suriya-202004153** who carried out project under our supervision in **the 19CS391 Programming with JAVA (Embedded Project)**.

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ABSTRACT

“HOSTEL MANAGEMENT SYSTEM” is a software developed for managing various activities in the hostel. For the past few years the number of educational institutions are increasing rapidly. Thereby the number of hostels are also increasing for the accommodation of the students studying in these institution. And hence there is a lot of strain on the person who are running the hostel and software's are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problem which occur when carried manually.

We designed **“HOSTEL MANAGEMENT SYSTEM”** to facilitate the hostel admin in the Hostel Management. It is a desktop application for managing hostel records. This project manages the records of the students, hostel rooms and other things related to hostel.

ACKNOWLEDGEMENT

First of all I thank **LORD ALMIGHTY** for his grace and abundant blessings on me to make this work a great success.

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1 . PROBLEM STATEMENT

The Hostel Management System is developed for maintaining the activities of the hostel. The software will be great relief to Employees. The software will help user in case of registration and searching the information about residents and rooms. The aim is to providing faster to access the data and following addition, upgradation, modification and deletion.

2 . OBJECTIVES AND OUTCOMES

A Hostel management system helps hostel management to administrate all the aspects related to a hostel easily. The hostel management software allows easy management of hostel registrations and admissions, allotment of rooms, request, and discipline etc. The system will provide ease of administration by performing all the work on a computer system thereby maintaining the reliability and safety of the data maintained and provide a fast and efficient interface for easy access and updating of data. Also this project creates a centralized database of student information including their personal information such as name, address, guardian's mobile number, etc. The information can be accessed by the hostel warden or any other authority at any given point in time.

3. EXISTING MODEL

The Existing system is a manually maintained system. All the hostels records are to be maintained for the details of each student, Room allocation, maintaining fees payment, student check out, check in details etc. All these details are entered and retrieved manually. It requires a lot of time as well as manpower. It is very difficult to maintain or update all the records and retrieve the certain data. The loss or damage of any one of the registers leads to the damage of hundred registers at a time. Different copies of student information are kept for different departments because of work done manually. Since the number of students increased drastically therefore maintaining thr detailed record of every student is very difficult. The data which is stored on the paper only may be lost, stolen or stolen or destroyed due to the natural calamity like fire and water. Thus, the existing system is sluggish and consumes a lot of time inaccuracies of data causing inconvenience to students and the employees.

4 . PROPOSED MODEL

All the details related to people living in hostels are managed by humans manually and by the help of pen and paper. Everything is so complex because it is not easy to handle all the information of the various people living in a hostel by the help of registers. So we had came with a solution to solve these problem by designing the project “Hostel Management System” which helps the hostel management to maintain and manage the records of students easily and also safely.

ADVANTAGES:

- 1) Less human error.
- 2) Strength and strain of manual labour can be reduced.
- 3) High security.
- 4) Data redundancy can be avoided to some extent.
- 5) Data consistency.
- 6) Easy to handle.
- 7) Easy data updating.
- 8) Easy model keeping
- 9) Backup data can be easily generated.

5 . SOFTWARE AND HARDWARE REQUIREMENTS

- Technology Implemented: Apache Server
- Language Used: Java
- Database: DERBY
- Web Browser: Mozilla, Chrome or Internet Explorer 8(or newer)
- Software: Netbeans
- Operating System: Windows XP or higher versions

6 . SYSTEM DESIGN

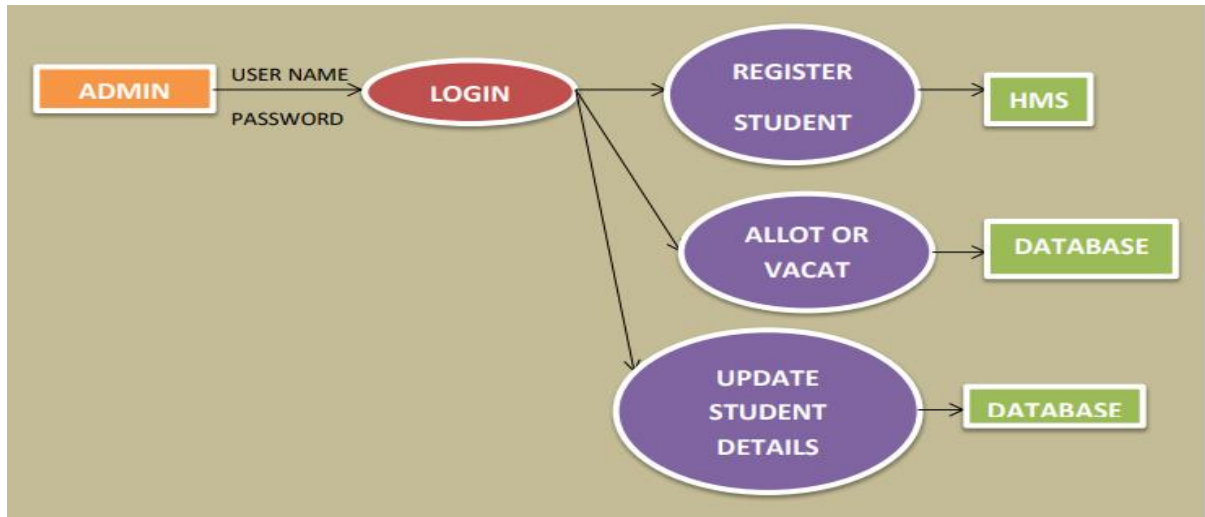


Figure – 1 Data Flow Diagram For Admin

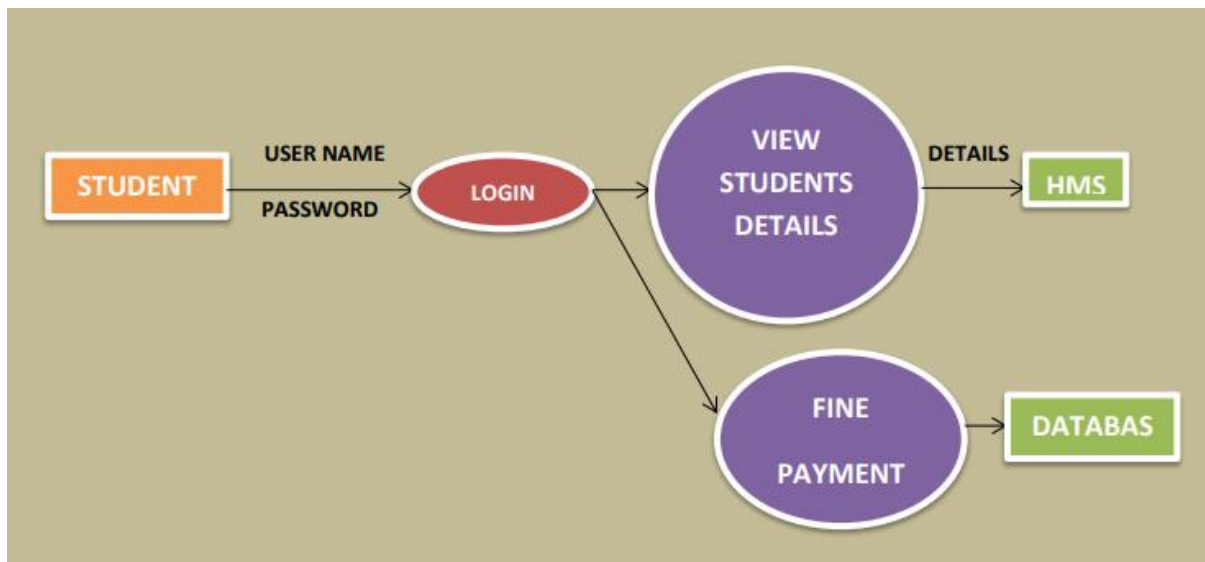


Figure – 2 Data Flow Diagram For Student

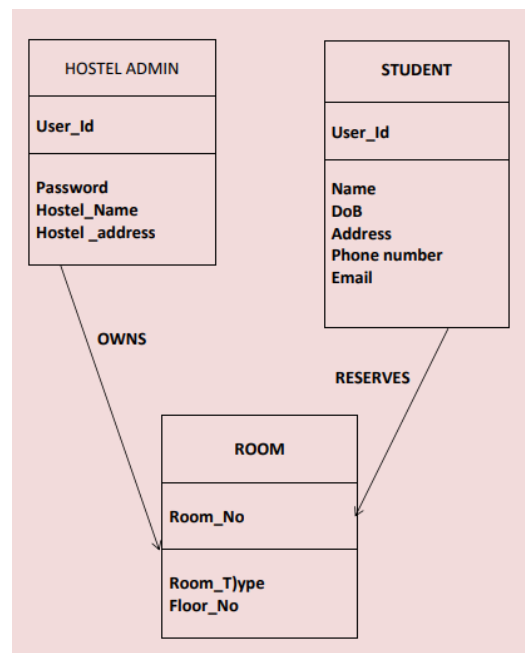


Figure – Database Design

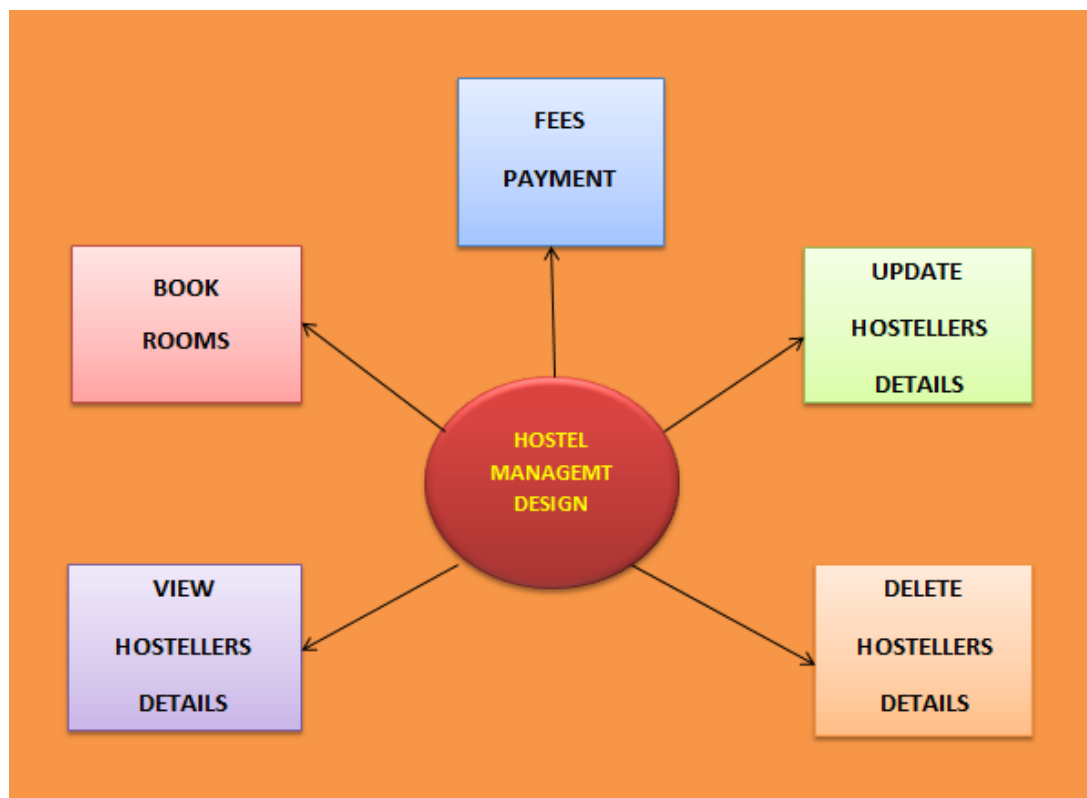


Figure – 4 Zero Level Diagram

7 . SYSTEM IMPLEMENTATION

SOURCE CODE

```
package hostelmanagement;

import java.sql.SQLException;
import java.util.Timer;
import java.util.TimerTask;
import java.util.logging.Level;
import java.util.logging.Logger;

public class HomePage extends javax.swing.JFrame {

    /**
     * Creates new form HomePage
     */
    LoadingForm l1 = new LoadingForm();
    public HomePage() {
        initComponents();
    }

    /**
     *
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
```

```

jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jLabel2 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

setBounds(new java.awt.Rectangle(400, 150, 0, 0));

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

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 48)); //
NOI18N
jLabel1.setText("Welcome to MSEC Hostel Management System");

getContentPane().add(jLabel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(70, 30, 970, 70));

jButton1.setBackground(new java.awt.Color(204, 204, 255));
jButton1.setFont(new java.awt.Font("Calibri", 3, 36)); // NOI18N
jButton1.setText("Admin 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(160, 180, 240, 120));

jButton2.setBackground(new java.awt.Color(204, 204, 255));
jButton2.setFont(new java.awt.Font("Calibri", 3, 36)); // NOI18N

```

```

jButton2.setText("Student Login");
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, 240, 120));

jLabel2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/hotelmanagement/5407213.jpg"))); // NOI18N
jLabel2.setText("jLabel2");

getContentPane().add(jLabel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1100, 740));

pack();
} // </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    l1.setVisible(true);
    Timer timer;
    timer = new Timer();
    class RemindTask extends TimerTask
    {
        public void run() {
            l1.setVisible(false);
            try {

```

```

        new LoginUser().setVisible(true);
    } catch (SQLException ex) {

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

    }

    timer.cancel(); //Terminate the timer thread
}
}

timer.schedule(new RemindTask(), 3000);

}

package hostelmanagement;

import java.sql.*;
import java.lang.*;
import java.awt.event.*;
import java.util.Timer;
import java.util.TimerTask;
import javax.swing.*;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

public class LoginUser extends javax.swing.JFrame {

    Connection con = javaconnect.connectdb();

    PreparedStatement ps =null;

    ResultSet rs = null;

    public LoginUser() throws SQLException {

        initComponents();

```



```

        javaconnect.connectdb();
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        popupMenu1 = new java.awt.PopupMenu();
        popupMenu2 = new java.awt.PopupMenu();
        jLabel4 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        t1 = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jLabel5 = new javax.swing.JLabel();
        p1 = new javax.swing.JPasswordField();
        jButton2 = new javax.swing.JButton();
        jCheckBox1 = new javax.swing.JCheckBox();
        jLabel6 = new javax.swing.JLabel();

        popupMenu1.setLabel("popupMenu1");

        popupMenu2.setLabel("popupMenu2");

        jLabel4.setBorder(javax.swing.BorderFactory.createLineBorder(new
        java.awt.Color(255, 255, 255)));

```

```
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
```

```
setBackground(java.awt.Color.yellow);
```

```
setBounds(new java.awt.Rectangle(300, 100, 0, 0));
```

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

```
jLabel1.setFont(new java.awt.Font("Candara", 3, 36)); // NOI18N
```

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

```
jLabel1.setText("User Name      :");
```

```
getContentPane().add(jLabel1, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(340, 330, 265, 45));
```

```
jLabel2.setFont(new java.awt.Font("Candara", 3, 36)); // NOI18N
```

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

```
jLabel2.setText(" Password      :");
```

```
getContentPane().add(jLabel2, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(330, 420, 304, 45));
```

```
t1.setFont(new java.awt.Font("Candara", 1, 24)); // NOI18N
```

```
t1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        t1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
getContentPane().add(t1, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(660, 330, 242, 40));
```

```
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 3, 36)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText("Enter the Login Credentials");
getContentPane().add(jLabel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(380, 200, 505, 66));
```

```
jButton1.setFont(new java.awt.Font("Calibri", 1, 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(490, 540, 140, 50));
```

```
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(255, 255, 255), 5));
getContentPane().add(jLabel5, new
org.netbeans.lib.awtextra.AbsoluteConstraints(190, 160, 860, 490));
```

```
p1.setFont(new java.awt.Font("Candara", 1, 24)); // NOI18N
getContentPane().add(p1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(660, 416, 240, 40));
```

```
jButton2.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jButton2.setText("Reset");
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(680, 540, 140, 50));

    jCheckBox1.setFont(new java.awt.Font("Calibri", 0, 18)); // NOI18N
    jCheckBox1.setForeground(new java.awt.Color(255, 255, 255));
    jCheckBox1.setText("Show Password");
    jCheckBox1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jCheckBox1ActionPerformed(evt);
        }
    });

    getContentPane().add(jCheckBox1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(660, 480, -1, -1));

    jLabel6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/hotelmanagement/1772233.jpg
g"))); // NOI18N
    jLabel6.setText("jLabel6");

    getContentPane().add(jLabel6, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1260, 790));

    pack();
} // </editor-fold>

```

```

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

```

```

// TODO add your handling code here:

String login ="SELECT * FROM users WHERE USERNAME=? AND
PASSWORD=?";

try
{
    ps = con.prepareStatement(login);
    ps.setString(1,t1.getText());
    ps.setString(2,p1.getText());
    rs = ps.executeQuery();
    if(rs.next())
    {
        JOptionPane.showMessageDialog(null,"Login Successful");
        dispose();
        new Submenu().setVisible(true);
    }
    else
    {
        JOptionPane.showMessageDialog(null,"Login Failed");
    }
} catch(SQLException ex)
{
    JOptionPane.showMessageDialog(null,ex);
}

}

private void t1ActionPerformed(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:  
    String def = "";  
    t1.setText(def);  
    p1.setText(def);  
}
```

```
private void jCheckBox1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:
```

```
    jCheckBox1.addItemListener(new ItemListener()  
    {  
        public void itemStateChanged(ItemEvent ae)  
        {  
            if(ae.getSource()==jCheckBox1)  
            {  
                if(jCheckBox1.isSelected())  
                {  
                    p1.setEchoChar((char) 0);  
                }  
            }  
            else  
            {  
                p1.setEchoChar('*');  
            }  
        }  
    }  
}
```

```

});
}

/**
 * @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(LoginUser.class.getName()).log(java.util.lo
gging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

```

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

```
    } catch (IllegalAccessException ex) {
```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

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

```
    }
```

```
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(() -> {
```

```
    try {
```

```
        new LoginUser().setVisible(true);
```

```
    } catch (SQLException ex) {
```

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

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JCheckBox jCheckBox1;
```

```
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.JPasswordField p1;
private java.awt.PopupMenu popupMenu1;
private java.awt.PopupMenu popupMenu2;
private javax.swing.JTextField t1;
// End of variables declaration
} package hotelmanagement;

import java.awt.Font;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.sql.Statement;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

/**
 *
 * @author Indian
 */
public class UpdateForm extends javax.swing.JFrame {

```

```

Connection con = javaconnect.connectdb();
PreparedStatement ps =null;
JOptionPane j1;
ResultSet rs = null;
int totalbed = 400;
/**
 * Creates new form RegistrationForm
 * @throws java.sql.SQLException
 */
public UpdateForm() throws SQLException {
    j1 = new JOptionPane();
    initComponents();
    javaconnect.connectdb();
}

/**
 * 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() {

    jLabel30 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();

```

```
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
jLabel14 = new javax.swing.JLabel();
jLabel15 = new javax.swing.JLabel();
name = new javax.swing.JTextField();
blood = new javax.swing.JTextField();
host = new javax.swing.JComboBox<>();
jScrollPane1 = new javax.swing.JScrollPane();
add = new javax.swing.JTextArea();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
dist = new javax.swing.JTextField();
jLabel18 = new javax.swing.JLabel();
sta = new javax.swing.JTextField();
phostu = new javax.swing.JTextField();
curyear = new javax.swing.JComboBox<>();
sec = new javax.swing.JComboBox<>();
jLabel19 = new javax.swing.JLabel();
mail = new javax.swing.JTextField();
```

```
jLabel22 = new javax.swing.JLabel();
jLabel23 = new javax.swing.JLabel();
jLabel24 = new javax.swing.JLabel();
jLabel25 = new javax.swing.JLabel();
jLabel26 = new javax.swing.JLabel();
fatname = new javax.swing.JTextField();
fatocu = new javax.swing.JTextField();
fatpho = new javax.swing.JTextField();
motname = new javax.swing.JTextField();
motocu = new javax.swing.JTextField();
motpho = new javax.swing.JTextField();
jLabel28 = new javax.swing.JLabel();
messv = new javax.swing.JRadioButton();
messnv = new javax.swing.JRadioButton();
room = new javax.swing.JTextField();
jLabel27 = new javax.swing.JLabel();
deg = new javax.swing.JComboBox<>();
jLabel29 = new javax.swing.JLabel();
roll = new javax.swing.JTextField();
jLabel3 = new javax.swing.JLabel();
admn = new javax.swing.JTextField();
jToggleButton2 = new javax.swing.JToggleButton();
male = new javax.swing.JRadioButton();
female = new javax.swing.JRadioButton();
jButton5 = new javax.swing.JButton();
jLabel20 = new javax.swing.JLabel();
t1 = new javax.swing.JTextField();
```

```
jLabel21 = new javax.swing.JLabel();
jButton1 = new javax.swing.JButton();
jt = new javax.swing.JTextField();
jLabel31 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

setBounds(new java.awt.Rectangle(200, 0, 0, 0));

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

jLabel1.setFont(new java.awt.Font("Calibri", 3, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Personal Details");
getContentPane().add(jLabel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 53, 300, 40));

jLabel2.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("Name");
getContentPane().add(jLabel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 120, 198, -1));

jLabel4.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText("Degree & Branch");
getContentPane().add(jLabel4, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 280, 198, 36));
```

```
jLabel5.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText("DOB");
getContentPane().add(jLabel5, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 340, 160, 36));
```

```
jLabel6.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel6.setForeground(new java.awt.Color(255, 255, 255));
jLabel6.setText("Blood Group");
getContentPane().add(jLabel6, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 830, 198, 36));
```

```
jLabel7.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 255, 255));
jLabel7.setText("Hostel Name");
getContentPane().add(jLabel7, new
org.netbeans.lib.awtextra.AbsoluteConstraints(720, 710, 140, 36));
```

```
jLabel8.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText("Mess");
getContentPane().add(jLabel8, new
org.netbeans.lib.awtextra.AbsoluteConstraints(720, 770, 120, 36));
```

```
jLabel9.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 255, 255));
jLabel9.setText("Section");
```

```
getContentPane().add(jLabel9, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(532, 183, 85, -1));
```

```
jLabel10.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel10.setForeground(new java.awt.Color(255, 255, 255));  
jLabel10.setText("Year");  
getContentPane().add(jLabel10, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(530, 130, 85, 36));
```

```
jLabel11.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel11.setForeground(new java.awt.Color(255, 255, 255));  
jLabel11.setText("Address ");  
getContentPane().add(jLabel11, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 440, 193, 45));
```

```
jLabel12.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel12.setForeground(new java.awt.Color(255, 255, 255));  
jLabel12.setText("Phone Number ");  
getContentPane().add(jLabel12, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 700, 190, 38));
```

```
jLabel13.setFont(new java.awt.Font("Calibri", 3, 36)); // NOI18N  
jLabel13.setForeground(new java.awt.Color(255, 255, 255));  
jLabel13.setText("Parent Details");  
getContentPane().add(jLabel13, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(680, 260, 270, 35));
```

```
jLabel14.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel14.setForeground(new java.awt.Color(255, 255, 255));
```

```

jLabel14.setText("Father Name");

getContentPane().add(jLabel14, new
org.netbeans.lib.awtextra.AbsoluteConstraints(710, 310, 140, 39));

jLabel15.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel15.setForeground(new java.awt.Color(255, 255, 255));
jLabel15.setText("Mother Name");
getContentPane().add(jLabel15, new
org.netbeans.lib.awtextra.AbsoluteConstraints(710, 470, 150, 37));

name.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
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(220, 110, 273, 38));

blood.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
blood.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        bloodActionPerformed(evt);
    }
});
getContentPane().add(blood, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 830, 280, 39));

host.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N

```



```
host.setModel(new javax.swing.DefaultComboBoxModel<>(new String[]
{ "Select Hostel", "Krishna Hostel", "Kavery Hostel", "Brahmaputra Hostel",
"Godavari Hostel", "Narmadha Hostel", "Yamuna Hostel", "Ganga Hostel",
"Mahanadhi Hostel" }));
```

```
host.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        hostActionPerformed(evt);
    }
});
```

```
getContentPane().add(host, new
org.netbeans.lib.awtextra.AbsoluteConstraints(910, 710, 220, 40));
```

```
add.setColumns(20);
add.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
add.setRows(5);
jScrollPane1.setViewportView(add);
```

```
getContentPane().add(jScrollPane1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 450, 368, 110));
```

```
jLabel16.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel16.setForeground(new java.awt.Color(255, 255, 255));
jLabel16.setText("Gender");
getContentPane().add(jLabel16, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 390, 198, 38));
```

```
jLabel17.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel17.setForeground(new java.awt.Color(255, 255, 255));
jLabel17.setText("District ");
```

```
getContentPane().add(jLabel17, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 580, 190, 37));
```

```
dist.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N  
dist.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        distActionPerformed(evt);  
    }  
});
```

```
getContentPane().add(dist, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 580, 279, 40));
```

```
jLabel18.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel18.setForeground(new java.awt.Color(255, 255, 255));  
jLabel18.setText("State");  
getContentPane().add(jLabel18, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 640, 193, 36));
```

```
sta.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N  
getContentPane().add(sta, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 640, 279, 43));
```

```
phostu.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N  
phostu.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        phostuActionPerformed(evt);  
    }  
});
```

```
getContentPane().add(phostu, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 700, 279, 40));
```

```
curyear.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N  
curyear.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {  
"Select Year", "I Year", "II Year", "III Year", "IV Year" }));  
getContentPane().add(curyear, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(623, 130, 170, -1));
```

```
sec.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N  
sec.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {  
"Select Section", "A", "B", "C", "D", "E" }));  
getContentPane().add(sec, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(623, 180, 170, -1));
```

```
jLabel19.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel19.setForeground(new java.awt.Color(255, 255, 255));  
jLabel19.setText("Mail ID");  
getContentPane().add(jLabel19, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 760, 190, 38));
```

```
mail.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N  
getContentPane().add(mail, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 760, 279, 38));
```

```
jLabel22.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N  
jLabel22.setForeground(new java.awt.Color(255, 255, 255));  
jLabel22.setText("Occupation");  
getContentPane().add(jLabel22, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(710, 370, 140, 30));
```

```
jLabel23.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel23.setForeground(new java.awt.Color(255, 255, 255));
jLabel23.setText("Phone No.");
getContentPane().add(jLabel23, new
org.netbeans.lib.awtextra.AbsoluteConstraints(710, 420, 130, -1));
```

```
jLabel24.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel24.setForeground(new java.awt.Color(255, 255, 255));
jLabel24.setText("Occupation");
getContentPane().add(jLabel24, new
org.netbeans.lib.awtextra.AbsoluteConstraints(710, 520, 140, -1));
```

```
jLabel25.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel25.setForeground(new java.awt.Color(255, 255, 255));
jLabel25.setText("Phone No.");
getContentPane().add(jLabel25, new
org.netbeans.lib.awtextra.AbsoluteConstraints(710, 570, 110, 30));
```

```
jLabel26.setFont(new java.awt.Font("Calibri", 3, 36)); // NOI18N
jLabel26.setForeground(new java.awt.Color(255, 255, 255));
jLabel26.setText("Hostel Details");
getContentPane().add(jLabel26, new
org.netbeans.lib.awtextra.AbsoluteConstraints(690, 650, 220, 30));
```

```
fatname.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
fatname.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        fatnameActionPerformed(evt);
    }
});
```

```

    }

    });

    getContentPane().add(fatname, new
org.netbeans.lib.awtextra.AbsoluteConstraints(860, 310, 220, 40));

    fatocu.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
    getContentPane().add(fatocu, new
org.netbeans.lib.awtextra.AbsoluteConstraints(860, 360, 220, 40));

    fatpho.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
    getContentPane().add(fatpho, new
org.netbeans.lib.awtextra.AbsoluteConstraints(860, 410, 220, 40));

    motname.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
    getContentPane().add(motname, new
org.netbeans.lib.awtextra.AbsoluteConstraints(860, 460, 220, 40));

    motocu.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
    getContentPane().add(motocu, new
org.netbeans.lib.awtextra.AbsoluteConstraints(860, 510, 220, 40));

    motpho.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
    getContentPane().add(motpho, new
org.netbeans.lib.awtextra.AbsoluteConstraints(860, 560, 220, 40));

    jLabel28.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
    jLabel28.setForeground(new java.awt.Color(255, 255, 255));
    jLabel28.setText("Room Number ");

    getContentPane().add(jLabel28, new
org.netbeans.lib.awtextra.AbsoluteConstraints(720, 830, 160, 30));

```

```
messv.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
messv.setForeground(new java.awt.Color(255, 255, 255));
messv.setText("Veg");
messv.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        messvActionPerformed(evt);
    }
});
getContentPane().add(messv, new
org.netbeans.lib.awtextra.AbsoluteConstraints(910, 770, 80, -1));
```

```
messnv.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
messnv.setForeground(new java.awt.Color(255, 255, 255));
messnv.setText("Non-Veg");
messnv.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        messnvActionPerformed(evt);
    }
});
getContentPane().add(messnv, new
org.netbeans.lib.awtextra.AbsoluteConstraints(990, 770, 130, -1));
```

```
room.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
room.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        roomActionPerformed(evt);
    }
});
```

```

});

getContentPane().add(room, new
org.netbeans.lib.awtextra.AbsoluteConstraints(910, 820, 150, 40));

jLabel27.setFont(new java.awt.Font("Candara", 3, 36)); // NOI18N
jLabel27.setForeground(new java.awt.Color(255, 255, 255));
jLabel27.setText("Hosteller Update Form");
getContentPane().add(jLabel27, new
org.netbeans.lib.awtextra.AbsoluteConstraints(380, 10, 400, 50));

deg.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
deg.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Select Degree & Branch", "B.E - CSE", "B.E - ECE", "B.E - EEE", "B.E -
MECH", "B.E - CIVIL", "B.E - BME", "B.TECH - BIO", "B.TECH - IT",
"B.TECH - AIDS", "M.E - CSE" }));

deg.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        degActionPerformed(evt);
    }
});

getContentPane().add(deg, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 280, 270, 40));

jLabel29.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel29.setForeground(new java.awt.Color(255, 255, 255));
jLabel29.setText("Roll Number ");
getContentPane().add(jLabel29, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 230, 160, 30));

roll.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N

```

```

roll.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rollActionPerformed(evt);
    }
});

getContentPane().add(roll, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 226, 270, 40));

jLabel3.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText("Admn Number");
getContentPane().add(jLabel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 170, 160, 30));

admn.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
getContentPane().add(admn, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 166, 270, 40));

jToggleButton2.setBackground(new java.awt.Color(255, 255, 255));
jToggleButton2.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jToggleButton2.setText("Reset");
jToggleButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton2ActionPerformed(evt);
    }
});

getContentPane().add(jToggleButton2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(590, 910, 190, 50));

```



```
male.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
male.setForeground(new java.awt.Color(255, 255, 255));
male.setText("Male");
male.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        maleActionPerformed(evt);
    }
});
getContentPane().add(male, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 400, -1, -1));
```

```
female.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
female.setForeground(new java.awt.Color(255, 255, 255));
female.setText("Female");
getContentPane().add(female, new
org.netbeans.lib.awtextra.AbsoluteConstraints(340, 400, -1, -1));
```

```
jButton5.setBackground(new java.awt.Color(255, 255, 255));
jButton5.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jButton5.setText("Submit");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});
getContentPane().add(jButton5, new
org.netbeans.lib.awtextra.AbsoluteConstraints(370, 910, 180, 50));
```

```

jLabel20.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jLabel20.setForeground(new java.awt.Color(255, 255, 255));
jLabel20.setText("Search Name to Update ");
getContentPane().add(jLabel20, new
org.netbeans.lib.awtextra.AbsoluteConstraints(870, 30, 250, 60));

t1.setFont(new java.awt.Font("Calibri", 0, 24)); // NOI18N
t1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        t1ActionPerformed(evt);
    }
});
getContentPane().add(t1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(880, 100, 230, 50));

jLabel21.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(255, 255, 255), 5));
getContentPane().add(jLabel21, new
org.netbeans.lib.awtextra.AbsoluteConstraints(830, 30, 320, 200));

jButton1.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jButton1.setText("Search");
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(940, 170, -1, -1));

```

```

jt.setFont(new java.awt.Font("Calibri", 1, 24)); // NOI18N
jt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jtActionPerformed(evt);
    }
});

getContentPane().add(jt, new
org.netbeans.lib.awtextra.AbsoluteConstraints(220, 340, 270, 40));

jLabel31.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/hotelmanagement/889021.png
"))); // NOI18N
jLabel31.setText("jLabel31");

getContentPane().add(jLabel31, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1250, 1010));

pack();
} // </editor-fold>

private void nameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void bloodActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

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

```

```
// TODO add your handling code here:
}

private void fatnameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void roomActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void distActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void rollActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void messvActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void messnvActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void maleActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void degActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void phostuActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    try {  
        String s = t1.getText();  
        Statement st=con.createStatement();  
        st.executeUpdate("delete from student where studname='"+s+"'");  
        ps = con.prepareStatement("insert into student  
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?)");  
        ps.setString(1,name.getText());  
        ps.setString(2,admn.getText());  
        ps.setString(3,roll.getText());  
        ps.setString(23,jt.getText());  
        ps.setString(4, (String) curyear.getSelectedItem());  
        ps.setString(5, (String) sec.getSelectedItem());  
        ps.setString(6, (String) deg.getSelectedItem());  
        if(male.isSelected())
```

```

        ps.setString(7, male.getText());
    if(female.isSelected())
        ps.setString(7, female.getText());
    ps.setString(8,add.getText());
    ps.setString(9,sta.getText());
    ps.setString(10,dist.getText());
    ps.setString(11,phostu.getText());
    ps.setString(12,mail.getText());
    ps.setString(13,blood.getText());
    ps.setString(14,fatname.getText());
    ps.setString(15,fatocu.getText());
    ps.setString(16,fatpho.getText());
    ps.setString(17,motname.getText());
    ps.setString(18,motocu.getText());
    ps.setString(19,motpho.getText());
    ps.setString(20, (String) host.getSelectedItem());
    ps.setString(21, messsv.getText());
    ps.setString(22, messnv.getText());
    ps.setString(22,room.getText());
    String def="";

    if("".equals(name.getText()) | ("".equals(male.getText())&
"".equals(female.getText()))|("".equals(messsv.getText())&"".equals(messnv.get
Text()))|"".equals(admn.getText())
|"".equals(roll.getText())|"".equals(add.getText())|"".equals(dist.getText())|"".eq
uals(sta.getText())|"".equals(phostu.getText())|"".equals(mail.getText())|"".equal
s(blood.getText())|"".equals(fatname.getText())|"".equals(fatocu.getText())|"".eq
uals(fatpho.getText())|"".equals(motname.getText())|"".equals(motocu.getText()
)|"".equals(motpho.getText())|"".equals(room.getText())|"0".equals(curyear.getS
electedIndex())|"0".equals(sec.getSelectedIndex())|"0".equals(deg.getSelectedIn
dex())|"".equals(jt.getText())|"0".equals(host.getSelectedIndex()))

```

```

{
    j1.setFont(new Font("Candara", Font.BOLD, 40));
    JOptionPane.showMessageDialog(null, "Please fill all the Data");
}
else
{
    ps.executeUpdate();
    JOptionPane.showMessageDialog(null, "Successfully Alloted");
}
} catch (SQLException ex) {

```

```

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

```

```

}

```

```

}

```

```

private void jToggleButton2ActionPerformed(java.awt.event.ActionEvent
evt) {

```

```

    // TODO add your handling code here:

```

```

    String def = "";

```

```

    t1.setText(def);

```

```

        name.setText(def);

```

```

        admn.setText(def);

```

```

        roll.setText(def);

```

```

        jt.setText(def);

```

```

        curyear.setSelectedIndex(0);

```

```

        sec.setSelectedIndex(0);

```

```
deg.setSelectedIndex(0);
male.setSelected(false);
female.setSelected(false);
add.setText(def);
sta.setText(def);
dist.setText(def);
phostu.setText(def);
mail.setText(def);
blood.setText(def);
fatname.setText(def);
fatocu.setText(def);
fatpho.setText(def);
motname.setText(def);
motocu.setText(def);
motpho.setText(def);
host.setSelectedIndex(0);
messv.setSelected(false);
messnv.setSelected(false);
room.setText(def);
}
```

```
private void t1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
```



```
String s = t1.getText();
try {
    Statement st=con.createStatement();
    rs=st.executeQuery("select *from student where studname='"+s+"'");
    if(rs.next())
    {
        name.setText(rs.getString(1));
        admn.setText(rs.getString(2));
        jt.setText(rs.getString(23));
        roll.setText(rs.getString(3));
        curyear.setSelectedItem(rs.getString(4));
        sec.setSelectedItem(rs.getString(5));
        deg.setSelectedItem(rs.getString(6));
        if("Male".equals(rs.getString(7)))
            male.setSelected(true);
        if("Female".equals(rs.getString(7)))
            female.setSelected(true);
        add.setText(rs.getString(8));
        sta.setText(rs.getString(9));
        dist.setText(rs.getString(10));
        phostu.setText(rs.getString(11));
        mail.setText(rs.getString(12));
        blood.setText(rs.getString(13));
        fatname.setText(rs.getString(14));
        fatocu.setText(rs.getString(15));
        fatpho.setText(rs.getString(16));
        motname.setText(rs.getString(17));
```

```

        motocu.setText(rs.getString(18));
        motpho.setText(rs.getString(19));
        host.setSelectedItem(rs.getString(20));
        if("Veg".equals(rs.getString(21)))
            messv.setSelected(true);
        if("Non-Veg".equals(rs.getString(21)))
            messnv.setSelected(true);
        room.setText(rs.getString(22));
        t1.setEditable(false);
    }
} catch (SQLException ex) {
    Logger.getLogger(UpdateForm.class.getName()).log(Level.SEVERE,
null, ex);
}
}

```

```

private void jtActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

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(RegistrationForm.class.getName()).log(java
.util.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(RegistrationForm.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() {
        try {
            new UpdateForm().setVisible(true);
        } catch (SQLException ex) {

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

        }
    }
});

```

```
}
```

```
// Variables declaration - do not modify  
private javax.swing.JTextArea add;  
private javax.swing.JTextField admn;  
private javax.swing.JTextField blood;  
private javax.swing.JComboBox<String> curyear;  
private javax.swing.JComboBox<String> deg;  
private javax.swing.JTextField dist;  
private javax.swing.JTextField fatname;  
private javax.swing.JTextField fatocu;  
private javax.swing.JTextField fatpho;  
private javax.swing.JRadioButton female;  
private javax.swing.JComboBox<String> host;  
private javax.swing.JButton jButton1;  
private javax.swing.JButton jButton5;  
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 jLabel17;  
private javax.swing.JLabel jLabel18;  
private javax.swing.JLabel jLabel19;
```

```
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel20;  
private javax.swing.JLabel jLabel21;  
private javax.swing.JLabel jLabel22;  
private javax.swing.JLabel jLabel23;  
private javax.swing.JLabel jLabel24;  
private javax.swing.JLabel jLabel25;  
private javax.swing.JLabel jLabel26;  
private javax.swing.JLabel jLabel27;  
private javax.swing.JLabel jLabel28;  
private javax.swing.JLabel jLabel29;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel30;  
private javax.swing.JLabel jLabel31;  
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.JToggleButton jButton2;  
private javax.swing.JTextField jt;  
private javax.swing.JTextField mail;  
private javax.swing.JRadioButton male;  
private javax.swing.JRadioButton messnv;  
private javax.swing.JRadioButton messv;
```

```

private javax.swing.JTextField motname;
private javax.swing.JTextField motocu;
private javax.swing.JTextField motpho;
private javax.swing.JTextField name;
private javax.swing.JTextField phostu;
private javax.swing.JTextField roll;
private javax.swing.JTextField room;
private javax.swing.JComboBox<String> sec;
private javax.swing.JTextField sta;
private javax.swing.JTextField t1;
}

package hostelmanagement;
import java.sql.*;

public class javaconnect {

    public static Connection connectdb() throws SQLException
    {
        Connection con = null;

        try
        {

con=DriverManager.getConnection("jdbc:derby://localhost:1527/projectmini","
mini","mini");

            return con;
        }catch(SQLException e)
        {
            System.out.println(e.getMessage());
        }
        return null;}}

```

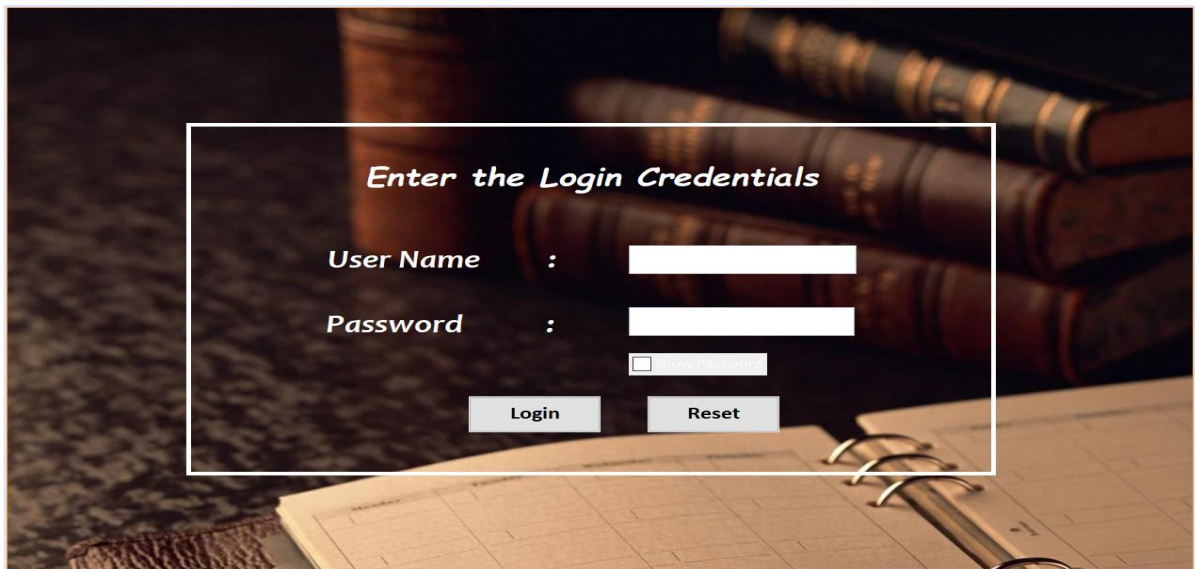
8 . RESULTS AND DISCUSSION

8.1 OUTPUT SCREENSHOTS:

WELCOME FORM



ADMIN LOGIN FORM





STUDENT LOGIN FORM

The image shows a student login form on a teal background. The form is enclosed in a white border and contains the title 'Enter the Login Credentials'. It includes fields for 'User Name' and 'Password', each followed by a colon and a white input box. Below the password field is a checkbox labeled 'Show Password'. At the bottom of the form are two grey buttons: 'Login' and 'Reset'. In the bottom right corner, there is a decorative image of a pencil holder with various colored pencils and a pair of blue scissors.

Enter the Login Credentials

User Name :

Password :

☐ Show Password

Login Reset

STUDENT REGISTRATION FORM

Hostel Registration Form

Personal Details

Name Year

Admn Number Section

Roll Number

Degree & Branch

DOB

Gender ☐ Male ☐ Female

Address

District

State

Phone Number

Mail ID

Blood Group

Parent Details

Father Name

Occupation

Phone No.

Mother Name

Occupation

Phone No.

Hostel Details

Hostel Name

Mess ☐ Veg ☐ Non-Veg

Room Number

STUDENT UPDATE FORM

Hosteller Update Form

Personal Details

Name Year

Admn Number Section

Roll Number

Degree & Branch

DOB

Gender ☐ Male ☐ Female

Address

District

State

Phone Number

Mail ID

Blood Group

Parent Details

Father Name

Occupation

Phone No.

Mother Name

Occupation

Phone No.

Hostel Details

Hostel Name

Mess ☐ Veg ☐ Non-Veg

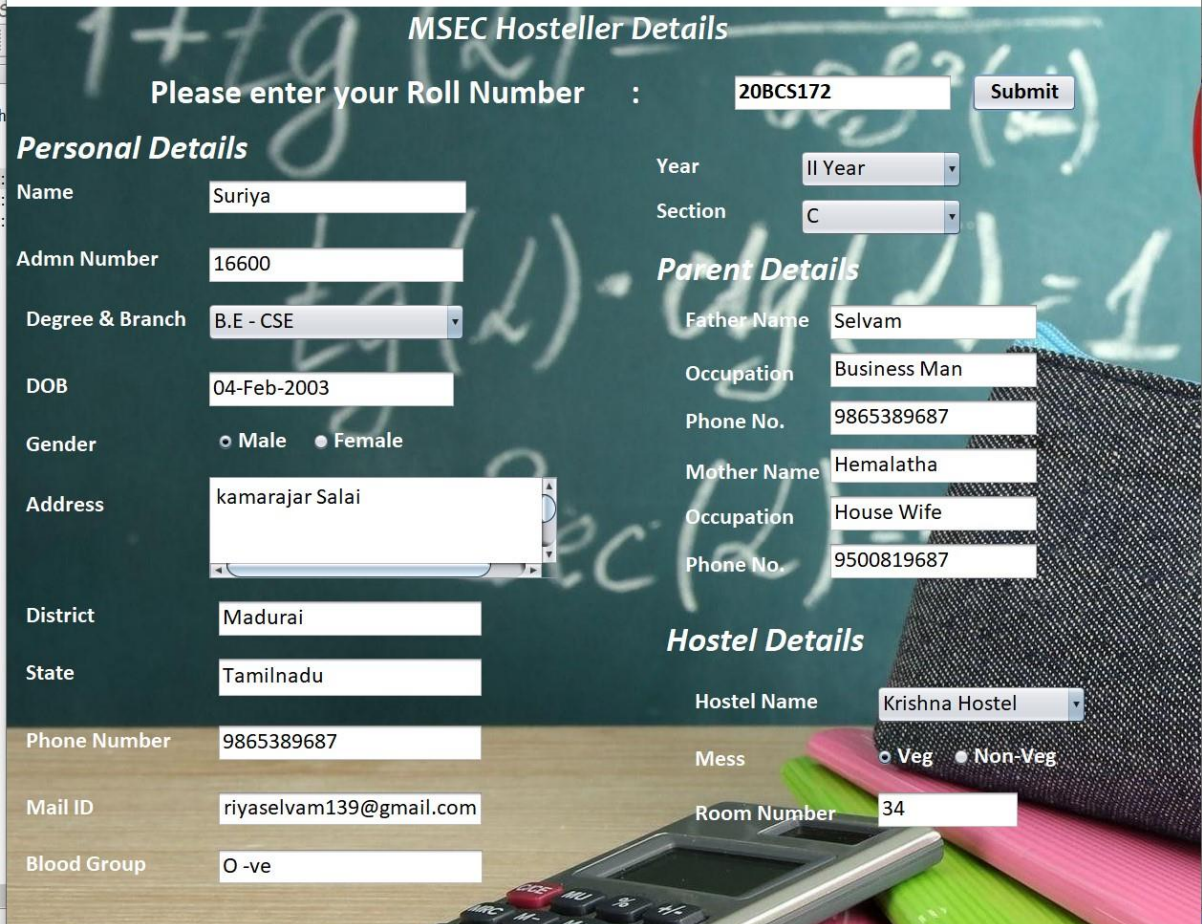
Room Number

MANAGEMENT FORM



The image shows a web application window titled "MSEC Hostel Management System". The background is a green, leafy texture. There are two prominent buttons: a yellow one labeled "Personal Details Display" and a red one labeled "Online Fine Amount Paying".

DISPLAY THE HOSTELLER DETAILS



The image shows a web form titled "MSEC Hosteller Details". The background is a chalkboard with mathematical equations. The form is divided into several sections: "Personal Details", "Parent Details", and "Hostel Details". Each section contains various input fields for user information.

MSEC Hosteller Details

Please enter your Roll Number :

Personal Details

Name

Admn Number

Degree & Branch

DOB

Gender ☐ Male ☒ Female

Address

District

State

Phone Number

Mail ID

Blood Group

Year

Section

Parent Details

Father Name

Occupation

Phone No.

Mother Name

Occupation

Phone No.

Hostel Details

Hostel Name

Mess ☐ Veg ☒ Non-Veg

Room Number

FINE AMOUNT PAYMENT FORM

Online fine amount payment

Name

Admn Number

Roll Number

Degree & Branch

DOB

Gender ☐ Male ☐ Female

Year

Section

Fine Category

Amount

MSEC Online fine amount Payment

Please click on the bill to generate Bill...

REMOVE HOSTELLER FORM

Remove Hosteller Form

Enter the Name to Remove :

STUDNAME	ADMN_NO	ROLL_NO	CURL_YEAR	SEC	DEGREE	GENDER	FATHERNAME	MOTHERNAME	HOSTEL	ROOM	PHONE_FATHER
Suriya	16600	20BCS172	II Year	C	B.E - CSE	Male	Selvam	Hemalatha	Krishna Hostel	34	9865389687

DATABASE DISPLAY FORM

SUMMARY

This project is aimed at developing a system for keeping records and showing information about or in a hostel. This system will help the hostel officer to be able to manage the affairs of the hostel. This system will provide full information about a student in the hostel. It will show rooms available or not and number of people in a particular room. This will also provide information on students who have paid in full or are still owing. This system will also provide a report on the summary detail regarding fees and bills students are owing. Also included is a user module for employees or the hostel officer.

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*Thank
you*

