MICRO-PROJECT REPORT

"Hostel Management System"

Under the subject
"Advanced Java Programming [22517]"

Submitted by

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Under guidance of

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CERTIFICATE

This is to certify that the project work titled

"Hostel Management System"

Done by

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of V semester Computer Engineering in the year 2020-21 in partial fulfilment of the project titled as **"Hostel Management System"** for subject **Advanced Java Programming** under the guidance of
Mr. S.P.Emekar and
submitted it to the **Department of Computer Engineering** at **Government Polytechnic , Karad.**

Mrs. S. B. Patil   **Mr. S.P.Emekar**

(Head of the Department)   **(Project Guide)**

Acknowledgement

We take an opportunity to thank all those who have directly and indirectly inspired, directed and assisted us towards successful completion of this project report.

We express our sincere thanks to the Principal, **Dr. Patil R. K. & the Head of Department Prof. S.B. Patil and project guide Mr. S.P.Emekar** for having us allowed to submit this report as part of our academics learning.

We express our sincere thanks to Lecturer in Government Polytechnic Karad for encouragement throughout the project report and guideline in designing & working out this project.

We express our sense of gratitude towards our friend and parents for their constant moral support during project report.

Place: Government Polytechnic, Karad

Date: / /2021

Yours Sincerely,

2243 Miss.Patil Vaishnavi A.

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Micro-Project Report

"Hostel Management System"

1.0   Rationale:-

Hostel Management system is a Customize and user-friendly software for Hostel. Which Provides hostel information. It helps admin to manage-Student Record.

This system is design for hostel management which helps them to save the records of the of the students about their rooms and other things. It helps them from manual work from which it is very difficult to find the record of the student .

In this project we implement this system. We include four languages like Java and Advance Java for that user need to login to the system.

2.0   Aims/Benefits of the Micro-Project:-

1] We understood the basic concepts of Hostel Management System.

2] We are able to reduce the efforts and save the time

3.0   Course Outcomes Achieved:-

1] We are able to develop program using GUI framework.

2] Also we can handle Events of AWT and Swing component.

3] We also develop program using database.

4] We are able to develop program to handle events in java programming

4.0   Literature Review:-

1]https://www.swiggy.com/food/delivery

2] https://www.food-ordering.com

5.0   Actual Methodology Followed:-.

Code:

➢ **Login Page**

```java
package hostel;
import javax.imageio.ImageIO;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.awt.image.BufferedImage;
import java.io.File;
import java.io.IOException;
public class Login implements ActionListener
{
    JFrame f;
    Login()
      {
              f=new JFrame("Login page");
               toSetBackground(f);

    f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
              GridBagLayout gb = new GridBagLayout();
              GridBagConstraints gbc = new
GridBagConstraints();
              gbc.insets=new Insets(5,5,5,5);
              f.setSize(400,400);
              f.setVisible(true);
              f.setLayout(gb);
              gbc.fill = GridBagConstraints.HORIZONTAL;
              JTextField name = new JTextField(" ",15);
              gbc.gridx = 0;
              gbc.ipady=20;
              gbc.gridy = 0;
              gbc.gridwidth=3;
              f.add(name,gbc);
              JPasswordField password = new
JPasswordField(15);
              password.setEchoChar('*');
```

```java
                gbc.gridx = 0;
                gbc.gridy = 1;
                gbc.ipady=20;
                gbc.gridwidth=3;
                f.add(password,gbc);
                JButton login = new JButton("Login");
                login.setFont(new
Font("Cambria",Font.BOLD,20));
                gbc.gridx=0;
                gbc.gridy=2;
                gbc.ipady=20;
                gbc.gridwidth = 3;
                f.add(login,gbc);
                login.addActionListener(new ActionListener(){
                    public void actionPerformed(ActionEvent e)
                    {
                        String user = name.getText();
                        String pass= password.getText();
                        System.out.println(user);
        System.out.println(pass);
         if((pass.equals("admin")) )
        {
            f.dispose();
            new Info();
        }
    else
        {

        JOptionPane.showMessageDialog(f, "Login Invalid");
         }
         }

    });

    }
      public void toSetBackground(JFrame obj)
        {
          BufferedImage img = null;
           try
           {
```

```java
                img = ImageIO.read(new
File("E:\\Shraddha\\s6.jpg"));
                }
            catch(IOException e)
                {
                    e.printStackTrace();
        }
        Image dimg = img.getScaledInstance(1366,768,
Image.SCALE_SMOOTH);
                obj.setContentPane(new JLabel(new
ImageIcon(dimg)));
            }
    public void actionPerformed(ActionEvent e)
      {
            //f.setVisible(true);
        }

    public static void main(String[] args)
      {
            new Login();

        }
```

➢ **Information page:**

```java
package hostel;
import java.awt.*;
import java.awt.image.BufferedImage;
import java.io.File;
import java.io.IOException;
import java.sql.SQLException;
import java.awt.event.*;
import javax.imageio.ImageIO;
import javax.swing.*;
import java.util.*;
import java.sql.*;
    public class Info{
        Button Exit;
        JFrame f;
public Info() {
```

```java
        f =new JFrame();
        GridBagConstraints gbc= new GridBagConstraints();
        toSetBackground(f);
        f.setSize(600,600);
        f.setVisible(true);
        f.setLayout(new GridBagLayout());
        gbc.insets=new Insets(10,10,10,10);
        gbc.gridx=0;
        gbc.gridy=0;
        JLabel l1=new JLabel("Hostel Management System");
        l1.setFont(new Font("TimesRoman",Font.BOLD,20));
        l1.setForeground(Color.RED);
        f.add(l1,gbc);
        gbc.fill= GridBagConstraints.HORIZONTAL;
        gbc.ipady=20;
        gbc.gridx=0;
        gbc.gridy=1;
        gbc.gridwidth=3;
        Button Hostel=new Button("Hostel Details");
        Hostel.addActionListener(new ActionListener()
            {

                public void actionPerformed(ActionEvent e)
                {
                    f.dispose();
                    new HostelDetails();
                }

        });

        f.add(Hostel,gbc);
        Hostel.setForeground(Color.BLACK);
        Hostel.setBackground(Color.cyan);
        Hostel.setFont(new
Font("TimesRoman",Font.BOLD,20));

        gbc.gridx=1;
        gbc.gridy=1;
        Button Registration=new Button("Student
Registration");
```

```java
        Registration.addActionListener(new ActionListener()
        {
          public void actionPerformed(ActionEvent e)
           {
                    f.dispose();
                     new SRegistration();
             }

        });
        f.add(Registration,gbc);
        Registration.setForeground(Color.BLACK);
        Registration.setBackground(Color.cyan);
        Registration.setFont(new
Font("TimesRoman",Font.BOLD,20));

        gbc.gridx=0;
        gbc.gridy=2;
        Button Details=new Button("Student Record ");
        Details.addActionListener(new ActionListener()
        {

          public void actionPerformed(ActionEvent e)
             {
                  f.dispose();
                  new Studentdetails();
              }

        });
        f.add(Details,gbc);
        Details.setForeground(Color.BLACK);
        Details.setBackground(Color.cyan);
        Details.setFont(new
Font("TimesRoman",Font.BOLD,20));

        gbc.gridx=0;
        gbc.gridy=3;
        Button Exit=new Button("Exit");
        f.add(Exit,gbc);
        Exit.setForeground(Color.BLACK);
        Exit.setBackground(Color.cyan);
```

```java
            Exit.setFont(new Font("TimesRoman",Font.BOLD,20));
            Exit.addActionListener(new ActionListener()
            {
               public void actionPerformed(ActionEvent e)
               {
                   f.setVisible(false);
                }

            });
            gbc.gridx=1;
            gbc.gridy=2;
            Button Serch=new Button("Serch specfic student");
            Serch.addActionListener(new ActionListener()
            {
                public void actionPerformed(ActionEvent e)
                 {
                     f.dispose();
                     new Demos();
                 }
            });

            f.add(Serch,gbc);
            Serch.setForeground(Color.BLACK);
            Serch.setBackground(Color.cyan);
            Serch.setFont(new Font("TimesRoman",Font.BOLD,20));
       }
    public static void main(String args[])
     {
        Info d=new Info();
     }
       public void toSetBackground(JFrame obj)
        {
            BufferedImage img = null;
          try
           {
              img = ImageIO.read(new
  File("E:\\Shraddha\\first.jpg"));
           }
            catch(IOException e)
             {
```

```
                e.printStackTrace();
            }
                Image dimg = img.getScaledInstance(1366,768,
Image.SCALE_SMOOTH);
                obj.setContentPane(new JLabel(new
ImageIcon(dimg)));
        }
}
```

> **Hostel Details:**

```
package hostel;
import java.awt.Button;
import java.awt.Color;
import java.awt.Image;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.image.BufferedImage;
import java.io.File;
import java.io.IOException;
import javax.imageio.ImageIO;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JScrollPane;
import javax.swing.JTable;
public class HostelDetails {

JFrame f;
JLabel l1;
JTable j;
Button Back;
    HostelDetails()
{
    f = new JFrame();
    Back = new e4ws7Button("Back");
    Back.setBounds(250,200,50,30);
    Back.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            new Info();
```

```java
                    f.dispose();
                    }
            });
        f.add(Back);
            f.setTitle("JTable Example");
                String[][] data = {
            { "Hostel Name","Perfect Living Space" },
            { "Address","VidhyaNager Karad"},
            {"Hostel Guardian","Mrs.Shraddha Kajale"},
            {"Mobile No","9011204678"},
            {"Email ID","Shraddhakajale@gmail.com"},
            {"Source of Water","24 hours"},
            {"Avaliblity of Rooms","85 Rooms Avalible"},
            {"Mess is Avalible","YES"},
            {"FingerPrint System for Attendence
avalible","YES
                        ,Fingerprint  System Avaliable"},

        };
        String[] columnNames = {
"Avalibility","Information"};
                j = new JTable(data, columnNames);
                j.setBounds(30, 40, 200, 300);
                JScrollPane sp = new JScrollPane(j);
                f.add(sp);
                f.setSize(600,300);
                f.setVisible(true);

    f.getContentPane().setBackground(Color.blue);
        }

    public static void main(String[] args)
    {
        new HostelDetails();
    }

}
```

➢ **Student Registration:**

```java
package hostel;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import javax.swing.*;
public class SRegistration {

    public SRegistration() {

        JFrame f=new JFrame(" ");
        try {
        Connection conn=DriverManager.getConnection

("jdbc:mysql://localhost:3306/hostel","root","root");
        Statement stmt=conn.createStatement();
        f.setSize(500,400);
        f.setLayout(null);
        f.setVisible(true);
        JLabel l1=new JLabel("Student ID:");
        l1.setBounds(50,20,100,30);
        f.add(l1);
        JTextField StudentID=new JTextField(25);
        StudentID.setBounds(160,20,100,30);
        f.add(StudentID);
        JLabel l2=new JLabel("Student Name:");
        l2.setBounds(40,50,90,30);
        f.add(l2);
        JTextField StudentName=new JTextField(25);
        StudentName.setBounds(160,50,100,30);
        f.add(StudentName);

        JLabel l3=new JLabel("Mobile No:");
        l3.setBounds(40,80,80,30);
        f.add(l3);
        JTextField Mobileno=new JTextField(25);
```

```java
Mobileno.setBounds(160,80,100,30);
f.add(Mobileno);
JLabel l4=new JLabel("Room No:");
l4.setBounds(40,110,100,30);
f.add(l4);
JTextField RoomNo=new JTextField(25);
RoomNo.setBounds(160,110,100,30);
f.add(RoomNo);
JLabel l5=new JLabel("College Name:");
l5.setBounds(40,140,100,30);
f.add(l5);
JTextField Collegename=new JTextField(25);
Collegename.setBounds(160,140,100,30);
f.add(Collegename);
JLabel l6=new JLabel("Education:");
l6.setBounds(40,170,100,30);
f.add(l6);
JTextField Eduction=new JTextField(25);
Eduction.setBounds(160,170,100,30);
f.add(Eduction);
JLabel l7=new JLabel("Perment Address:");
l7.setBounds(40,200,120,30);
f.add(l7);
JTextField Permentaddress=new JTextField(25);
Permentaddress.setBounds(160,200,100,30);
f.add(Permentaddress);
JButton Submit = new JButton("Submit");
Submit.setBounds(40,260,100,30);
f.add(Submit);
JButton Delete = new JButton("Delete");
Delete.setBounds(160,260,100,30);
 f.add(Delete);
JButton Update = new JButton("Update");
Update.setBounds(270,260,100,30);
f.add(Update);
JButton Back = new JButton("Back");
Back.setBounds(380,260,100,30);
Back.addActionListener(new ActionListener() {
public void actionPerformed(ActionEvent e) {
     new Info();
```

```java
                     f.dispose();
                     }
                  });
            f.add(Back);
            Submit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        String str="insert into Student
values('"+StudentID.getText()+"','"+StudentName.getText()+"'
,'"+Mobileno.getText()+"','"+RoomNo.getText()+"','"+Collegen
ame.getText()+"','"+Eduction.getText()+"','"+Permentaddress.
getText()+"')";
            System.out.println(str);
            try {
                    stmt.executeUpdate(str);

            } catch (SQLException e1) {
                // TODO Auto-generated catch block
                e1.printStackTrace();
            }
            }
        });
        Delete.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
            String strDelete ="Delete from Student where
                        StudentID=('"+StudentID.getText()+
"')";
            System.out.println(strDelete);
            try {
                    stmt.executeUpdate(strDelete);

            } catch (SQLException e1) {
                // TODO Auto-generated catch block
                e1.printStackTrace();
            }
            }
        });

        Update.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
```

```java
            String strUpdate ="Update Student set
StudentID='"+StudentID.getText()+"',StudentName='"+StudentNa
me.getText()+"',Mobileno='"+Mobileno.getText()+"',RoomNo='"+
RoomNo.getText()+"',Collegename='"+Collegename.getText()+"',
Eduction='"+Eduction.getText()+"',Permentaddress='"+Permenta
ddress.getText()+"' where StudentID="+StudentID.getText();
            System.out.println(strUpdate);
            try {
                stmt.executeUpdate(strUpdate);

            } catch (SQLException e1) {
                // TODO Auto-generated catch block
                e1.printStackTrace();
            }
            }
        });
            }

            catch(SQLException ex) {
                ex.printStackTrace();
            }


}
    public static void main(String args[])
    {
        new SRegistration();
    }
}
```

> **Searching all Student records:**

```java
    package hostel;import javax.swing.*;
    import javax.swing.table.DefaultTableModel;
    import java.awt.*;
    import java.sql.*;
    import java.awt.event.*;
    public class Studentdetails implements ActionListener{
    JFrame frame, frame1;
    JLabel label;
```

```java
        JButton button;
        JPanel panel;
        static JTable table;
        Button Back;
        String driverName = "com.mysql.jdbc.Driver";
        String url = "jdbc:mysql://localhost:3306/hostel";
        String userName = "root";
        String password = "root";
        String[] columnNames =
        {"StudentID","StudentName","Mobileno","RoomNo","Collegen
ame","Eduction",
            "Permentaddress"};
public void createUI()
  {
            frame = new JFrame("Database Search Result");
            Back = new Button("Back");
            Back.setBounds(170,200,50,30);
            Back.addActionListener(new ActionListener()
             {
              public void actionPerformed(ActionEvent e)
               {
                    new Info();
                   frame.dispose();
               }
            });
                frame.add(Back);

        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                frame.setLayout(null);
                label = new JLabel();
                label.setBounds(10, 30, 100, 20);
                button = new JButton("search");
                button.setBounds(120,130,150,20);
                button.addActionListener(this);
                frame.add(label);
                frame.add(button);
                frame.setVisible(true);
                frame.setSize(500, 400);
    }
```

```java
    public void actionPerformed(ActionEvent ae)
        {
            button = (JButton)ae.getSource();
            System.out.println("Showing Table
Data.......");
            showTableData();
        }

    public void showTableData()
      {
            frame1 = new JFrame("Database Search Result");

    frame1.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
            frame1.setLayout(new BorderLayout());
            DefaultTableModel model = new
DefaultTableModel();
            model.setColumnIdentifiers(columnNames);
            table = new JTable();
            table.setModel(model);

    table.setAutoResizeMode(JTable.AUTO_RESIZE_ALL_COLUMNS);
            table.setFillsViewportHeight(true);
            JScrollPane scroll = new JScrollPane(table);
            scroll.setHorizontalScrollBarPolicy(
            JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED);
            scroll.setVerticalScrollBarPolicy(
            JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED);
            String StudentID= "";
            String StudentName= "";
            String Mobileno = "";
            String RoomNo = "";
            String Collegename= "";
            String Eduction= "";
            String Permentaddress= "";
        try
          {
        Class.forName(driverName);
        Connection con = DriverManager.getConnection(url,
userName, password);
            String sql = "select * from Student";
```

```java
                    PreparedStatement ps =
con.prepareStatement(sql);
                    ResultSet rs = ps.executeQuery();
                    int i =0;
                    for(i=0;i<15;i++)
                        {
        if(rs.next())
          {
          StudentID = rs.getString("StudentID");
            StudentName = rs.getString("StudentName");
            Mobileno = rs.getString("MobileNo");
             RoomNo = rs.getString("RoomNo");
            Collegename = rs.getString("Collegename");
          Eduction = rs.getString("Eduction");
           Permentaddress = rs.getString("Permentaddress");

model.addRow(newObject[]{StudentID,StudentName,Mobileno,Room
No,Collegename,Eduction,Permentaddress});

          }
                if(i ==1)
                 {
                    System.out.println(i+" Record
Found");
                 }
               else
                 {
                 System.out.println(i+" Records Found");
               }
              }
           }
             catch(Exception ex)
           {
          JOptionPane.showMessageDialog(null,
ex.getMessage(),"Error",
          JOptionPane.ERROR_MESSAGE);
             }
           frame1.add(scroll);
           frame1.setVisible(true);
           frame1.setSize(500,500);
```

```java
            }

    public Studentdetails()
     {
         createUI();
     }
    public static void main(String args[])
    {

        new Studentdetails();
    }
}
```

> **<u>Searching specific Student Records:</u>**

```java
    package hostel;
    import javax.swing.*;
    import javax.swing.table.DefaultTableModel;
    import java.awt.*;
    import java.sql.*;
    import java.awt.event.*;
 public class Demos implements ActionListener{
    JFrame frame, frame1;
    JTextField textbox;
    JLabel label;
    JButton button;
    JPanel panel;
    static JTable table;
    String driverName = "com.mysql.jdbc.Driver";
    String url = "jdbc:mysql://localhost:3306/hostel";
    String userName = "root";
    String password = "root";
    String[] columnNames =

{"StudentID","StudentName","Mobileno","RoomNo","Collegename"
,"Eduction",
        "Permentaddress"};
public Demos() {
    createUI();
}
```

```java
    public void createUI()
    {
        frame = new JFrame("Database Search Result");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setLayout(null);
        textbox = new JTextField();
        textbox.setBounds(120,30,150,20);
        label = new JLabel("Enter Student ID");
        label.setBounds(10, 30, 200, 20);
        button = new JButton("search");
        button.setBounds(120,100,150,20);
        button.addActionListener(this);

        frame.add(textbox);
        frame.add(label);
        frame.add(button);
        JButton Back = new JButton("Back");
        Back.setBounds(130,200,100,30);
        Back.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
            new Info();
            frame.dispose();
            }
        });
        frame.add(Back);
        frame.setVisible(true);
        frame.setSize(500, 400);
    }
    public void actionPerformed(ActionEvent ae)
    {
        button = (JButton)ae.getSource();
        System.out.println("Showing Table Data.......");
        showTableData();
    }

    public void showTableData()
    {

        frame1 = new JFrame("Database Search Result");
        frame1.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```java
        frame1.setLayout(new BorderLayout());
        DefaultTableModel model = new DefaultTableModel();
        model.setColumnIdentifiers(columnNames);
        table = new JTable();
        table.setModel(model);
        table.setAutoResizeMode(JTable.AUTO_RESIZE_ALL_COLUMNS);
        table.setFillsViewportHeight(true);
        JScrollPane scroll = new JScrollPane(table);
        scroll.setHorizontalScrollBarPolicy(
        JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED);
        scroll.setVerticalScrollBarPolicy(
        JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED);
        String textvalue = textbox.getText();
        String StudentID= "";
        String StudentName= "";
        String Mobileno = "";
        String RoomNo = "";
        String Collegename= "";
        String Eduction= "";
        String Permentaddress= "";
    try
    {
        Class.forName(driverName);
        Connection con = DriverManager.getConnection(url,
userName, password);
        String sql = "select * from Student where StudentID =
"+textvalue;
        PreparedStatement ps = con.prepareStatement(sql);
        ResultSet rs = ps.executeQuery();
        int i =0;

    if(rs.next())
      {
        StudentID = rs.getString("StudentID");
        StudentName = rs.getString("StudentName");
        Mobileno = rs.getString("MobileNo");
        RoomNo = rs.getString("RoomNo");
        Collegename = rs.getString("Collegename");
        Eduction = rs.getString("Eduction");
        Permentaddress = rs.getString("Permentaddress");
```

```java
model.addRow(new
Object[]{StudentID,StudentName,Mobileno,RoomNo,Collegename,E
duction,Permentaddress});
i++;
}
if(i <1)
{
JOptionPane.showMessageDialog(null, "No Record
Found","Error",
JOptionPane.ERROR_MESSAGE);
}
if(i ==1)
{
System.out.println(i+" Record Found");
}
else
{
System.out.println(i+" Records Found");
}
}
catch(Exception ex)
{
JOptionPane.showMessageDialog(null, ex.getMessage(),"Error",
JOptionPane.ERROR_MESSAGE);
}
frame1.add(scroll);
frame1.setVisible(true);
frame1.setSize(400,300);
}

public static void main(String args[])
{
    Demos sr = new Demos();
sr.createUI();
}
}
```

6.0   Resources Required:-

Sr.No	Name of Resource /material	Specification	Qty.	Remarks
1]	Laptop/PC	Intel (R) Core(TM) i36006 UCPU @2.00GHz 2.00GB RAM	1	
2]	Software	JDK 1.8.0,Eclipse,Notepad	1	
3]	Printer	Brother DCP-J100 printer	1	

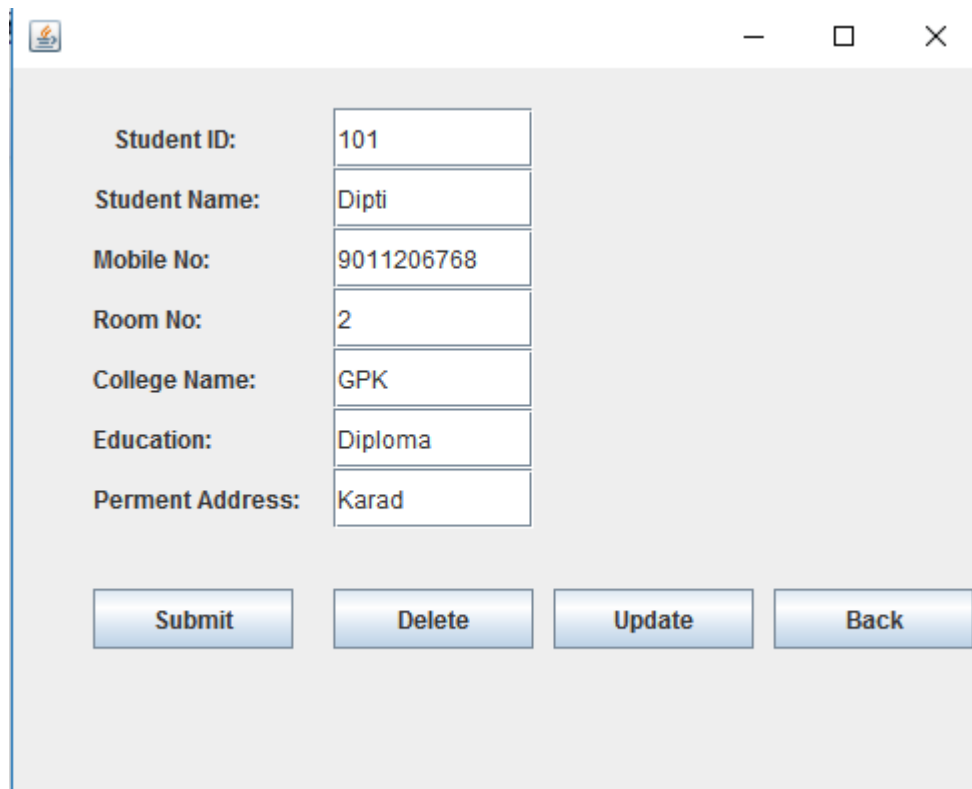**7.0   Output of the Micro-Project:-**

- **Login Page:**
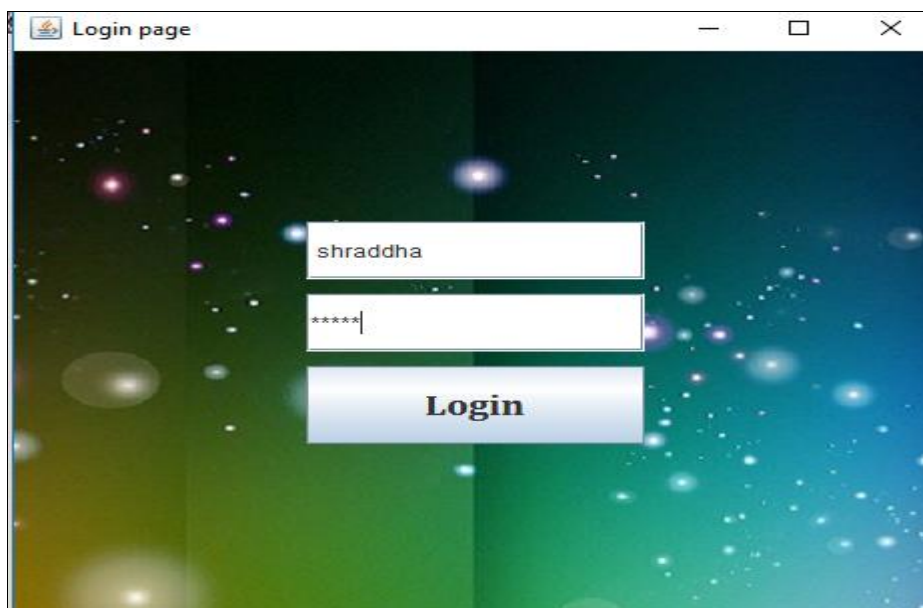
- **Information Page:**

- **Hostel Details:**

Avalibility	Information
Hostel Name	Perfect Living Space
Address	VidhyaNager Karad
Hostel Guardian	Mrs.Shraddha Kajale
Mobile No	9011204678
Email ID	Shraddhakajale@gmail.com
Source of Water	24 hours
Avaliblity of Rooms	85 Rooms Avalible
Mess is Avalible	YES
FingerPrint System for Attendence avalible	YES ,Fingerprint System Avaliable

Back

- **Student Registration:**
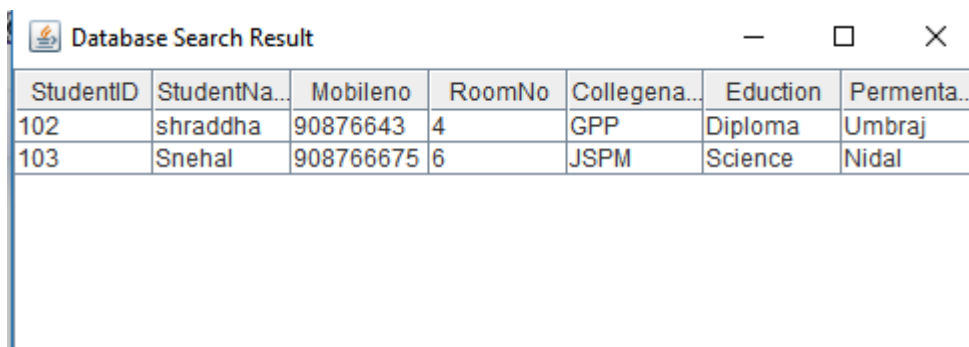
- **Searching all Student records:**

StudentID	StudentNa...	Mobileno	RoomNo	Collegena...	Eduction	Permenta...
102	shraddha	90876643	4	GPP	Diploma	Umbraj
103	Snehal	908766675	6	JSPM	Science	Nidal

- **Searching specific Student Records:**
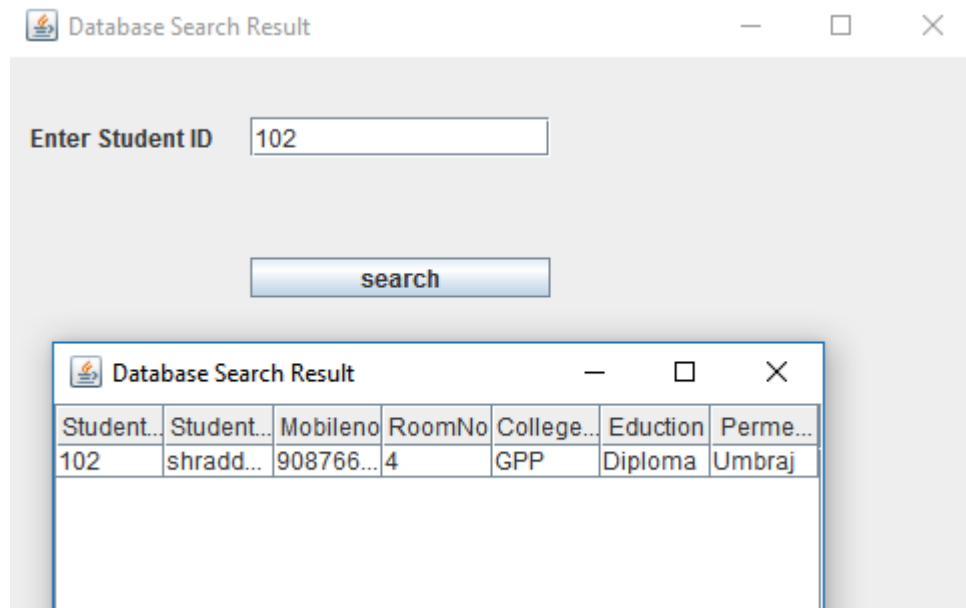
8.0   Skill Developed/Learning outcomes of this Micro-Project:-

We studied how to design Hostel management system using advance java programming. We learned how to design system using various swing components of java. We also learned the how to validates the various components and makes system more effective.

9.0   Application of Micro-Project:-

1] To present or learn the Hostel Management system.

2] To understand the basic concepts of Hostel Management system.