

JSPM'S
Jayawantrao Sawant Collage of Engineering Hadapsar,
Pune.

Department of Information Technology

Academic Year: 2020-21



Project Report on
“HOTEL MANAGEMENT SYSTEM”

Submitted By-

Sr. no	Name	Seat no
1.	Viraj Mane	33
2.	Akash Kapadnis	27
3.	Hemant Kokate	28
4.	Prathamesh Lonari	31

Index

Chapter no.	Name of topic	Page no.
1.	Abstract	3
2.	Introduction	4
3.	Project Specification	5
	3.1 Problem statement	
	3.2 Scope	
	3.3 Requirement	
	3.3.1 Hardware Requirement	
	3.3.2 Software Requirement	
	3.4 Assumption	6
4.	E-R model	7
5.	Relational Model	8
6.	Data Dictionary	10
7.	Graphical User Interface	11
8.	Source Code	14
9.	Conclusion	40

1. ABSTRACT

In this project “**Hotel Management System**” We tried to show how the data/information in hotels is managed. It manages and maintains the records of customers, rooms, employees and drivers in the hotel. The project is aimed to maintain the day-to-day state of admission/vacation of Residents, List of employees, room details etc. Main objective of this project is to provide solution for hotel to manage most there work using computerized process. This software application will help admin to handle customer information, room allocation details, Payment details etc.

The rooms have different categories like single bed, double bed etc. so their charges and records will be maintained accordingly.

This software has been made in a user friendly interface, so that anyone can add, delete, update the entries and handle all the transactions easily. As a security I have provided Admin username and Password.

2. INTRODUCTION

The project, **Hotel Management System** is a desktop-based application that allows the hotel manager to handle all hotel activities online. Interactive GUI and the ability to manage various rooms, employees, drivers and customers make this system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire activities manually on paper. This application gives him the power and flexibility to manage the entire system from a single online system. Hotel management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system.

The application of the Hotel Management System bears the following functions to use by the Administrator:

- Add a new Room
- Add an Employee
- Add a new Customer
- Check room status
- Check all employees' details
- Check all Customers' details
- Update room status
- Update check status etc.

3. PROJECT SPECIFICATION

3.1. PROBLEM STATEMENT

In the existing manual system a lot of time is spent in communicating the information across different branches. There is a need for an automated system, which has some centralized control over the entire process. Conventional System makes use of huge amounts of paper for recording transactions. All the Hotel records are to be maintained for the details of each customer, Fee details, Room Allocation etc.

3.2. SCOPE

It is unreasonable to consider a computer based information system complete or finished. The system continues to evolve throughout its life cycle even if it's successful.

Due to creative nature of the design there remain some lapse-mistaken communications between the Customer and the developer.

So, certain aspect of the system must be modified as operational experience gained with it.

3.3 REQUIREMENTS:

3.3.1 Hardware Requirement:

- ☐ **Processor:** 2.30GHz
- ☐ **RAM :**4 GB
- ☐ **Hard disk:**2 GB free space

3.3.2 Software Requirement:

- ☐ **Operating System:** Windows 10 or any equivalent OS.
- ☐ **Front-end:** JAVA, Net Beans IDE 8.2
- ☐ **Back-end:** MYSQL.

3.4. Assumption

- ☐ Admin can add a new room , a new employee and a new driver.
- ☐ Receptionist can add a new customer and allocate rooms, can check all room details, customers details, employee details, search for a particular room etc.
- ☐ Different jobs of employees are generalized into one table (including room service, receptionist, etc.)
- ☐ One Customer can book multiple rooms.

4. E-R MODEL

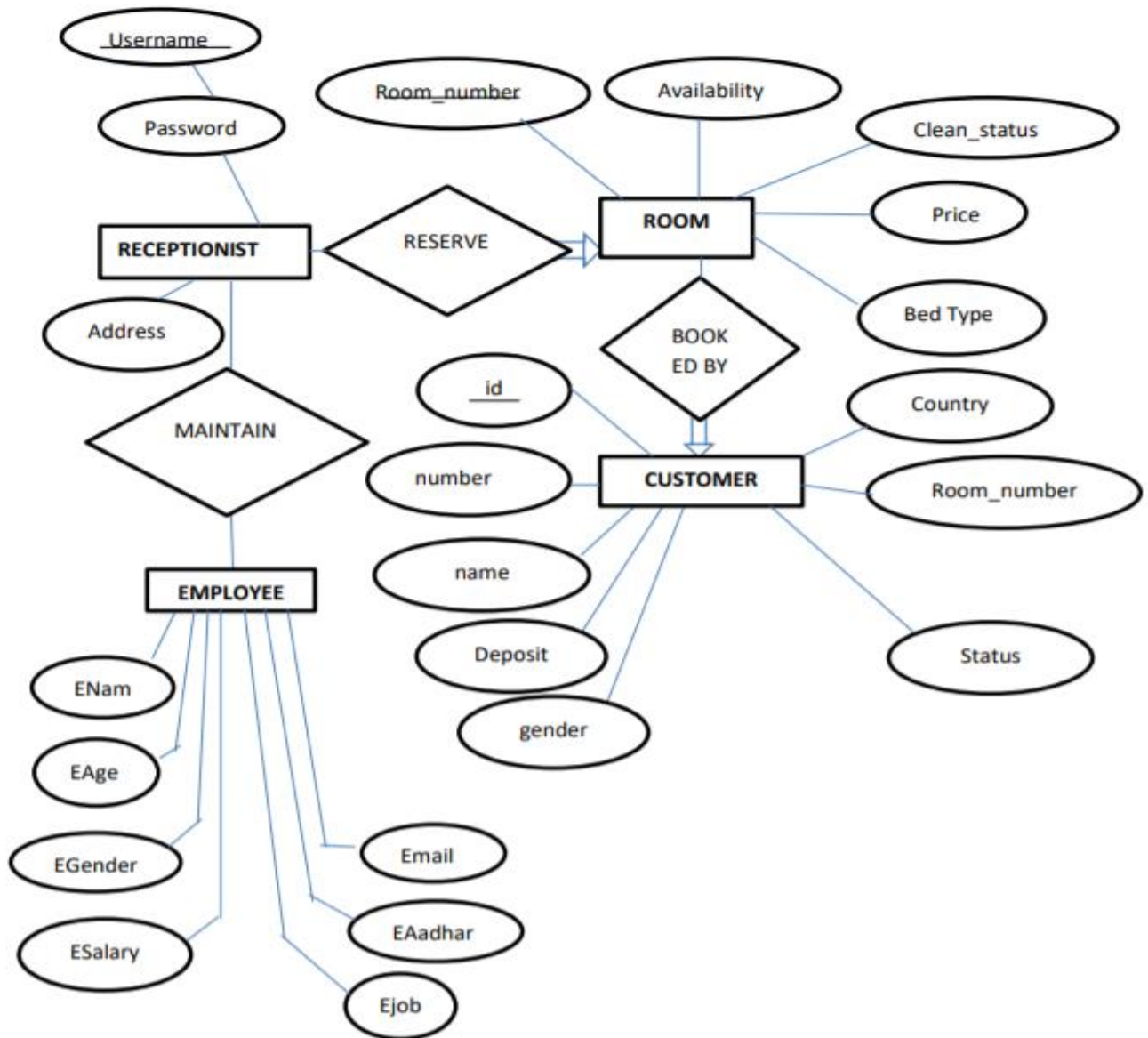


Fig 4.1: ER Model for “Hotel Management System”

5. RELATIONAL MODEL

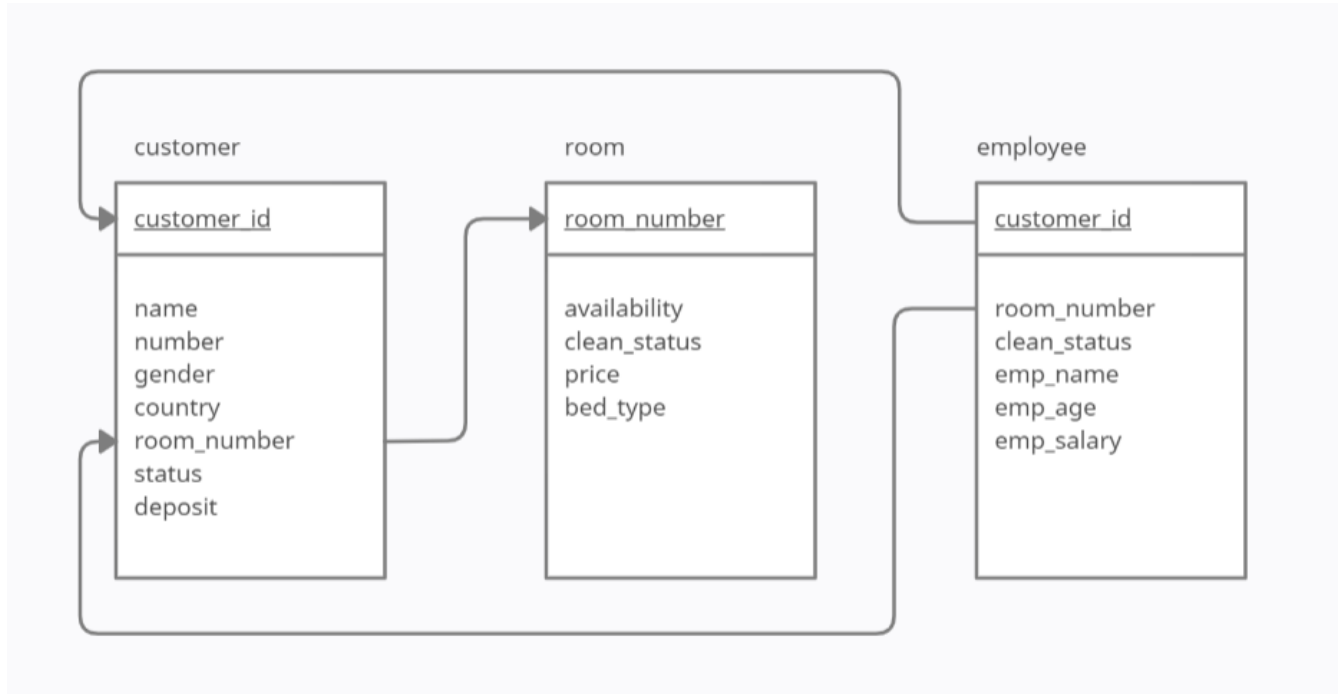


Fig.5.1: Schema of “Hotel Management System”

1 NF

Every attribute in every relation is atomic. Hence, this relational schema is in 1NF

2 NF

In the entity "room", the attribute type depend on room_number . Hence to convert this schema into 2NF,
"room_number" is made a primary key.

3 NF

A relational schema is in 3NF if it satisfies 2NF and non-prime attribute of R is a transitive attribute dependent on key

OR

A relation is an 3NF if FD i.e , $X \rightarrow Y$ ' satisfy anyone of the following condition

- $X \rightarrow Y$ is a trivial functional dependency.
- If $X \rightarrow Y$ then X is an key
- If $X \rightarrow Y$ then ($Y \rightarrow X$) is a prime attribute In our schema, in entity "room"
room(room_number,bed_type,price);
Here the bed_type is depends on room_number.
 $\text{room_number} \rightarrow \text{bed_type}$
 $\text{bed_type} \rightarrow \text{price}$

Thus, this entity satisfies the 3NF rule hence given schema are in 3NF.

6. Data Dictionary

6 rows in set (0.0009 sec)

```
MySQL 127.0.0.1:3307 hms2 SQL > desc customer  
-> ;
```

Field	Type	Null	Key	Default	Extra
id	varchar(30)	NO	PRI	NULL	
number	varchar(30)	NO		NULL	
name	varchar(30)	NO		NULL	
gender	varchar(30)	NO		NULL	
country	varchar(30)	NO		NULL	
room_number	varchar(30)	NO	MUL	NULL	
status	varchar(30)	NO		NULL	
deposit	varchar(30)	NO		NULL	

8 rows in set (0.0059 sec)

```
MySQL 127.0.0.1:3307 hms2 SQL > desc room;
```

Field	Type	Null	Key	Default	Extra
room_number	varchar(20)	NO	PRI	NULL	
availability	varchar(20)	NO		NULL	
clean_status	varchar(20)	NO		NULL	
price	varchar(20)	NO		NULL	
bed_type	varchar(30)	NO		NULL	

5 rows in set (0.0057 sec)

```
MySQL 127.0.0.1:3307 hms2 SQL > desc employee;
```

Field	Type	Null	Key	Default	Extra
name	varchar(30)	NO		NULL	
age	varchar(10)	NO		NULL	
gender	varchar(30)	NO		NULL	
job	varchar(30)	NO		NULL	
salary	varchar(30)	NO		NULL	
phone	varchar(30)	NO		NULL	
aadhar	varchar(30)	NO	PRI	NULL	
email	varchar(40)	NO		NULL	

8 rows in set (0.0057 sec)

```
MySQL 127.0.0.1:3307 hms2 SQL > desc login;
```

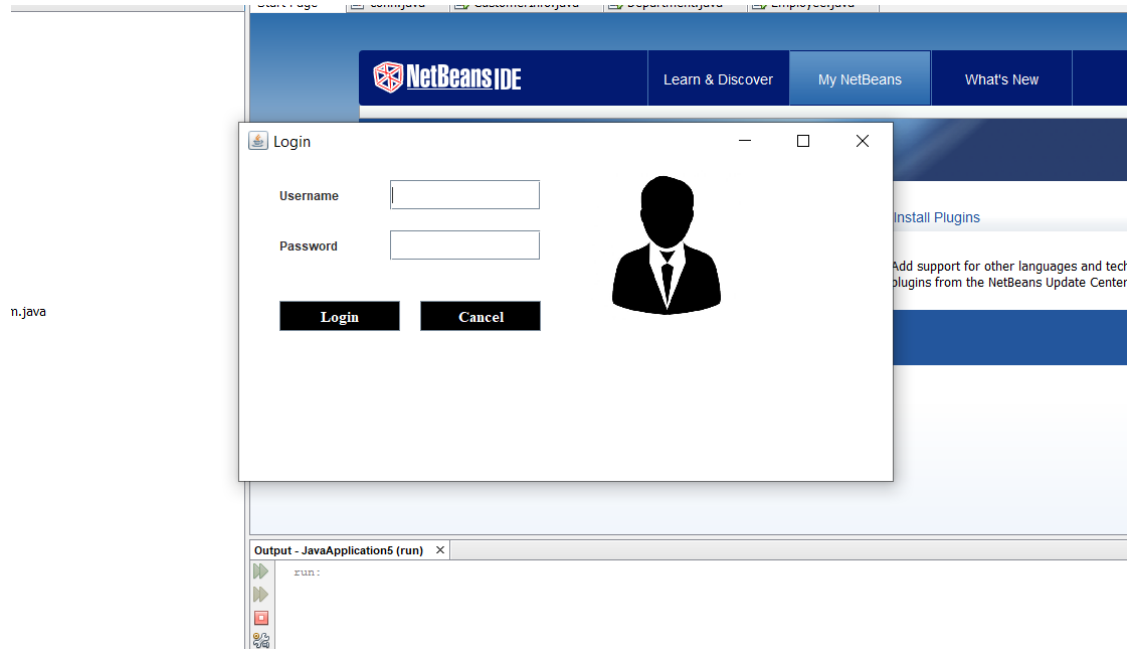
Field	Type	Null	Key	Default	Extra
username	varchar(40)	YES		NULL	
password	varchar(40)	YES		NULL	

2 rows in set (0.0047 sec)

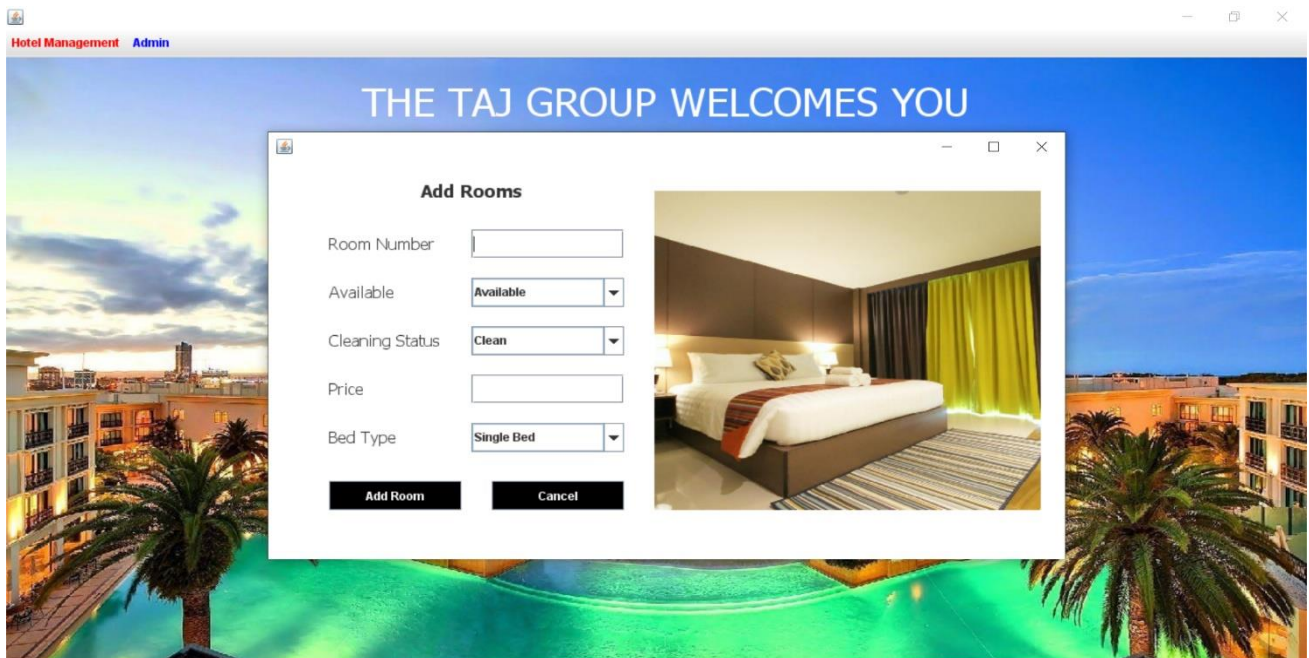
```
MySQL 127.0.0.1:3307 hms2 SQL >
```

7. Graphical User Interface

1. LOGIN FORM:



2. ADD ROOMS:



3. ADD EMPLOYEE:

The screenshot shows a web application window titled "Hotel Management Admin". The main header says "THE TAJ GROUP WELCOMES YOU". A modal window titled "Add Employee Details" is open, displaying a form with the following fields: NAME, AGE, GENDER (radio buttons for Male and Female), JOB (a dropdown menu currently showing "Front Desk Clerks"), SALARY, PHONE, ADHAR, and EMAIL. Below the form is a "Submit" button. To the right of the form is an illustration of four hotel staff members: a female receptionist, a male bellhop, a female maid, and a male porter with a suitcase.

4. RECEPTION

The screenshot shows the "Reception" interface of the "Hotel Management Admin" application. The main header says "THE TAJ GROUP WELCOMES YOU". A modal window displays a sidebar menu on the left with the following options: "New Customer Form", "Room", "Department", "All Employee Info", "Customer Info", "Manager Info", "Check Out", "Update Check Status", "Update Room Status", "Pick Up Service", "Search Room", and "Logout". The main content area on the right features a large image of a modern hotel lobby with the text "HOTEL RECEPTION" overlaid in large, bold letters.

5. EMPLOYEE DETAILS

Hotel Management Admin

THE TAJ GROUP WELCOMES YOU

Name	Age	Gender	Department	Salary	Phone	Aadhar	Email
Aakash Jain	23	Male	Waiter/Waitress	12000	6125634289	509742312589	aakash@gmail.com
Vansh Soni	34	Male	Housekeeping	12000	9876543210	422267891234	vansh@gmail.com
Radha Singh	28	Female	Waiter/Waitress	12000	9567346123	341267985409	radha@gmail.com
Parth Mishra	30	Male	Manager	30000	9341278645	965412378901	parth@gmail.com
Jay Bhatt	34	Male	Room Service	17000	9342167854	426189034567	jay@gmail.com

Load Data Back

6. CHECKOUT:

Hotel Management Admin


THE TAJ GROUP WELCOMES YOU

Check-Out

Customer Id ☒

Room Number

Checkout Back



8. Source Code

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.*;
import javax.swing.*;
import java.awt.event.*;
import java.sql.*;

public class Login extends JFrame implements ActionListener{

    JLabel l1,l2;
    JTextField t1;
    JPasswordField t2;
    JButton b1,b2;

    Login(){

        super("Login");

        setLayout(null);

        l1 = new JLabel("Username");
        l1.setBounds(40,20,100,30);
        add(l1);

        l2 = new JLabel("Password");
        l2.setBounds(40,70,100,30);
        add(l2);

        t1=new JTextField();
        t1.setBounds(150,20,150,30);
        add(t1);

        t2=new JPasswordField();
        t2.setBounds(150,70,150,30);
        add(t2);

        ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/second.jpg"));
        Image i2 = i1.getImage().getScaledInstance(200,200,Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel l3 = new JLabel(i3);
        l3.setBounds(350,10,150,150);
        add(l3);
        b1 = new JButton("Login");
        b1.setBounds(40,140,120,30);
        b1.setFont(new Font("serif",Font.BOLD,15));
```

```

b1.addActionListener(this);
b1.setBackground(Color.BLACK);
b1.setForeground(Color.WHITE);
add(b1);

b2=new JButton("Cancel");
b2.setBounds(180,140,120,30);
b2.setFont(new Font("serif",Font.BOLD,15));
b2.setBackground(Color.BLACK);
b2.setForeground(Color.WHITE);
add(b2);

b2.addActionListener(this);

getContentPane().setBackground(Color.WHITE);

setVisible(true);
setSize(600,300);
setLocation(600,350);

}

public void actionPerformed(ActionEvent ae){
    if(ae.getSource()==b1){
        try{
            conn c1 = new conn();
            String u = t1.getText();
            String v = t2.getText();

            String q = "select * from login where username='"+u+"' and password='"+v+"'";

            ResultSet rs = c1.s.executeQuery(q);
            if(rs.next()){
                new Dashboard().setVisible(true);
                setVisible(false);
            }else{
                JOptionPane.showMessageDialog(null, "Invalid login");
                setVisible(false);
            }
        }catch(Exception e){
            e.printStackTrace();
        }
    }else if(ae.getSource()==b2){
        System.exit(0);
    }
}

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

}

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

```

```

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import java.awt.event.*;

```

```

import java.sql.*;
import java.util.*;

public class AddDrivers extends JFrame implements ActionListener{

    private JPanel contentPane;
    private JTextField t1,t2,t3,t4, t5;
    private JComboBox comboBox, comboBox_1;
    JButton b1,b2;
    Choice c1;

    public static void main(String[] args) {
        new AddDrivers().setVisible(true);
    }

    public AddDrivers() {
        setBounds(450, 200, 1000, 500);
        contentPane = new JPanel();
        setContentPane(contentPane);
        contentPane.setLayout(null);

        ImageIcon i1 = new
        ImageIcon(ClassLoader.getResource("hotel/management/system/icons/eleven.jpg"));
        Image i3 = i1.getImage().getScaledInstance(500, 300,Image.SCALE_DEFAULT);
        ImageIcon i2 = new ImageIcon(i3);
        JLabel l15 = new JLabel(i2);
        l15.setBounds(400,30,500,370);
        add(l15);

        JLabel l10 = new JLabel("Add Drivers");
        l10.setFont(new Font("Tahoma", Font.BOLD, 18));
        l10.setBounds(194, 10, 120, 22);
        contentPane.add(l10);

        JLabel l1 = new JLabel("Name");
        l1.setForeground(new Color(25, 25, 112));
        l1.setFont(new Font("Tahoma", Font.BOLD, 14));
        l1.setBounds(64, 70, 102, 22);
        contentPane.add(l1);

        t1 = new JTextField();
        t1.setBounds(174, 70, 156, 20);
        contentPane.add(t1);

        JLabel l2 = new JLabel("Age");
        l2.setForeground(new Color(25, 25, 112));
        l2.setFont(new Font("Tahoma", Font.BOLD, 14));
        l2.setBounds(64, 110, 102, 22);
        contentPane.add(l2);

        t2 = new JTextField();
        t2.setBounds(174, 110, 156, 20);
        contentPane.add(t2);

        JLabel l3 = new JLabel("Gender");
        l3.setForeground(new Color(25, 25, 112));
        l3.setFont(new Font("Tahoma", Font.BOLD, 14));
        l3.setBounds(64, 150, 102, 22);

```



```

contentPane.add(l3);

comboBox = new JComboBox(new String[] { "Male", "Female" });
comboBox.setBounds(176, 150, 154, 20);
contentPane.add(comboBox);

JLabel l4 = new JLabel("Car Company");
l4.setForeground(new Color(25, 25, 112));
l4.setFont(new Font("Tahoma", Font.BOLD, 14));
l4.setBounds(64, 190, 102, 22);
contentPane.add(l4);

t3 = new JTextField();
t3.setBounds(174, 190, 156, 20);
contentPane.add(t3);

JLabel l5 = new JLabel("Car Brand");
l5.setForeground(new Color(25, 25, 112));
l5.setFont(new Font("Tahoma", Font.BOLD, 14));
l5.setBounds(64, 230, 102, 22);
contentPane.add(l5);

t4 = new JTextField();
t4.setBounds(174, 230, 156, 20);
contentPane.add(t4);

JLabel l6 = new JLabel("Available");
l6.setForeground(new Color(25, 25, 112));
l6.setFont(new Font("Tahoma", Font.BOLD, 14));
l6.setBounds(64, 270, 102, 22);
contentPane.add(l6);

comboBox_1 = new JComboBox(new String[] { "Yes", "No" });
comboBox_1.setBounds(176, 270, 154, 20);
contentPane.add(comboBox_1);

JLabel l7 = new JLabel("Location");
l7.setForeground(new Color(25, 25, 112));
l7.setFont(new Font("Tahoma", Font.BOLD, 14));
l7.setBounds(64, 310, 102, 22);
contentPane.add(l7);

t5 = new JTextField();
t5.setBounds(174, 310, 156, 20);
contentPane.add(t5);

b1 = new JButton("Add");
b1.addActionListener(this);
b1.setBounds(64, 380, 111, 33);
b1.setBackground(Color.BLACK);
b1.setForeground(Color.WHITE);
contentPane.add(b1);

b2 = new JButton("Back");
b2.addActionListener(this);
b2.setBounds(198, 380, 111, 33);
b2.setBackground(Color.BLACK);

```

```

        b2.setForeground(Color.WHITE);
        contentPane.add(b2);

        contentPane.setBackground(Color.WHITE);
    }

    public void actionPerformed(ActionEvent ae){
        try{

            if(ae.getSource() == b1){
                try{
                    conn c = new conn();
                    String name = t1.getText();
                    String age = t2.getText();
                    String gender = (String)comboBox.getSelectedItemAt();
                    String company = t3.getText();
                    String brand = t4.getText();
                    String available = (String)comboBox_1.getSelectedItemAt();
                    String location = t5.getText();
                    String str = "INSERT INTO driver values( '"+name+"', '"+age+"', '"+gender+"', '"+company+"',
 '"+brand+"', '"+available+"', '"+location+"')";

                    c.s.executeUpdate(str);
                    JOptionPane.showMessageDialog(null, "Driver Successfully Added");
                    this.setVisible(false);

                }catch(Exception ee){
                    System.out.println(ee);
                }
            }
            else if(ae.getSource() == b2){
                this.setVisible(false);
            }
        }catch(Exception eee){

        }
    }
}
package hotel.management.system;

```

```

import java.awt.EventQueue;

```

```

import java.awt.*;
import java.awt.event.*;
import java.sql.*;
import javax.swing.*;

```

```

public class AddEmployee extends JFrame{ //Third Frame

```

```

    JTextField textField,textField_1,textField_2,textField_3,textField_4,textField_5,textField_6;
    JComboBox c1;

```

```

    public AddEmployee(){
        getContentPane().setForeground(Color.BLUE);
        getContentPane().setBackground(Color.WHITE);
        setTitle("ADD EMPLOYEE DETAILS");

        setDefaultCloseOperation(JFrame.HIDE_ON_CLOSE);
        setSize(778,486);
    }
}

```

```
getContentPane().setLayout(null);
```

```
JLabel Passportno = new JLabel("NAME");  
Passportno.setFont(new Font("Tahoma", Font.PLAIN, 17));  
Passportno.setBounds(60, 30, 150, 27);  
add(Passportno);
```

```
textField = new JTextField();  
textField.setBounds(200, 30, 150, 27);  
add(textField);
```

```
JButton Next = new JButton("SAVE");  
Next.setBounds(200, 420, 150, 30);  
Next.setBackground(Color.BLACK);  
Next.setForeground(Color.WHITE);  
add(Next);
```

```
JLabel Pnrno = new JLabel("AGE");  
Pnrno.setFont(new Font("Tahoma", Font.PLAIN, 17));  
Pnrno.setBounds(60, 80, 150, 27);  
add(Pnrno);
```

```
textField_1 = new JTextField();  
textField_1.setBounds(200, 80, 150, 27);  
add(textField_1);
```

```
JLabel Gender = new JLabel("GENDER");  
Gender.setFont(new Font("Tahoma", Font.PLAIN, 17));  
Gender.setBounds(60, 120, 150, 27);  
add(Gender);
```

```
JRadioButton NewRadioButton = new JRadioButton("MALE");  
NewRadioButton.setBackground(Color.WHITE);  
NewRadioButton.setBounds(200, 120, 70, 27);  
add(NewRadioButton);
```

```
JRadioButton Female = new JRadioButton("FEMALE");  
Female.setBackground(Color.WHITE);  
Female.setBounds(280, 120, 70, 27);  
add(Female);
```

```
JLabel Address = new JLabel("JOB");  
Address.setFont(new Font("Tahoma", Font.PLAIN, 17));  
Address.setBounds(60, 170, 150, 27);  
add(Address);
```

```
String course[] = {"Front Desk Clerks", "Porters", "Housekeeping", "Kitchen Staff", "Room  
Service", "Waiter/Waitress", "Manager", "Accountant", "Chef"};  
c1 = new JComboBox(course);  
c1.setBackground(Color.WHITE);  
c1.setBounds(200, 170, 150, 30);  
add(c1);
```

```
JLabel Nationality = new JLabel("SALARY");  
Nationality.setFont(new Font("Tahoma", Font.PLAIN, 17));  
Nationality.setBounds(60, 220, 150, 27);  
add(Nationality);
```

```
textField_3 = new JTextField();  
textField_3.setBounds(200, 220, 150, 27);  
add(textField_3);
```

```
JLabel Name = new JLabel("PHONE");
```

```
Name.setFont(new Font("Tahoma", Font.PLAIN, 17));
Name.setBounds(60, 270, 150, 27);
add(Name);
```

```
textField_4 = new JTextField();
textField_4.setBounds(200, 270, 150, 27);
add(textField_4);
```

```
JLabel Phno = new JLabel("AADHAR");
Phno.setFont(new Font("Tahoma", Font.PLAIN, 17));
Phno.setBounds(60, 320, 150, 27);
add(Phno);
```

```
textField_5 = new JTextField();
textField_5.setBounds(200, 320, 150, 27);
add(textField_5);
```

```
JLabel email = new JLabel("EMAIL");
email.setFont(new Font("Tahoma", Font.PLAIN, 17));
email.setBounds(60, 370, 150, 27);
add(email);
```

```
textField_6 = new JTextField();
textField_6.setBounds(200, 370, 150, 27);
add(textField_6);
```

```
setVisible(true);
```

```
JLabel AddPassengers = new JLabel("ADD EMPLOYEE DETAILS");
AddPassengers.setForeground(Color.BLUE);
AddPassengers.setFont(new Font("Tahoma", Font.PLAIN, 31));
AddPassengers.setBounds(450, 24, 442, 35);
add(AddPassengers);
```

```
ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/tenth.jpg"));
Image i3 = i1.getImage().getScaledInstance(500, 500, Image.SCALE_DEFAULT);
ImageIcon i2 = new ImageIcon(i3);
JLabel image = new JLabel(i2);
image.setBounds(410, 80, 480, 410);
add(image);
```

```
Next.addActionListener(new ActionListener(){
    public void actionPerformed(ActionEvent ae){
        String name = textField.getText();
        String age = textField_1.getText();
        String salary = textField_3.getText();
        String phone = textField_4.getText();
        String aadhar = textField_5.getText();
        String email = textField_6.getText();
```

```
        String gender = null;
```

```
        if(NewRadioButton.isSelected()){
            gender = "male";
```

```
        }else if(Female.isSelected()){
            gender = "female";
        }
```

```

String s6 = (String)c1.getSelectedItem();

try {
    conn c = new conn();
    String str = "INSERT INTO employee values( '"+name+"', '"+age+"', '"+gender+"', '"+s6+"',
    '"+salary+"', '"+phone+"', '"+aadhar+"', '"+email+"')";

    c.s.executeUpdate(str);
    JOptionPane.showMessageDialog(null, "Employee Added");
    setVisible(false);

} catch (Exception e) {
    e.printStackTrace();
}

});

setSize(900,600);
setVisible(true);
setLocation(530,200);

}

public static void main(String[] args){
    new AddEmployee();
}
}/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import java.awt.event.*;
import java.sql.*;
import java.util.*;

public class AddRoom extends JFrame implements ActionListener{

    private JPanel contentPane;
    private JTextField t1,t2,t3,t4;
    private JComboBox comboBox_1, comboBox_2, comboBox_3;
    JButton b1,b2;
    Choice c1;

    public static void main(String[] args) {
        new AddRoom().setVisible(true);
    }

    public AddRoom() {
        setBounds(450, 200, 1000, 450);
        contentPane = new JPanel();
        setContentPane(contentPane);
        contentPane.setLayout(null);

        ImageIcon i1 = new
        ImageIcon(ClassLoader.getResource("hotel/management/system/icons/twelve.jpg"));
        Image i3 = i1.getImage().getScaledInstance(500, 300, Image.SCALE_DEFAULT);
        ImageIcon i2 = new ImageIcon(i3);

```

```

JLabel l15 = new JLabel(i2);
l15.setBounds(400,30,500,370);
add(l15);

JLabel l10 = new JLabel("Add Rooms");
l10.setFont(new Font("Tahoma", Font.BOLD, 18));
l10.setBounds(194, 10, 120, 22);
contentPane.add(l10);


JLabel l1 = new JLabel("Room Number");
l1.setForeground(new Color(25, 25, 112));
l1.setFont(new Font("Tahoma", Font.BOLD, 14));
l1.setBounds(64, 70, 102, 22);
contentPane.add(l1);


t4 = new JTextField();
t4.setBounds(174, 70, 156, 20);
contentPane.add(t4);


JLabel l2 = new JLabel("Availability");
l2.setForeground(new Color(25, 25, 112));
l2.setFont(new Font("Tahoma", Font.BOLD, 14));
l2.setBounds(64, 110, 102, 22);
contentPane.add(l2);


comboBox = new JComboBox(new String[] { "Available", "Occupied" });
comboBox.setBounds(176, 110, 154, 20);
contentPane.add(comboBox);


JLabel l3 = new JLabel("Cleaning Status");
l3.setForeground(new Color(25, 25, 112));
l3.setFont(new Font("Tahoma", Font.BOLD, 14));
l3.setBounds(64, 150, 102, 22);
contentPane.add(l3);


comboBox_2 = new JComboBox(new String[] { "Cleaned", "Dirty" });
comboBox_2.setBounds(176, 150, 154, 20);
contentPane.add(comboBox_2);


JLabel l4 = new JLabel("Price");
l4.setForeground(new Color(25, 25, 112));
l4.setFont(new Font("Tahoma", Font.BOLD, 14));
l4.setBounds(64, 190, 102, 22);
contentPane.add(l4);


t2 = new JTextField();
t2.setBounds(174, 190, 156, 20);
contentPane.add(t2);


JLabel l5 = new JLabel("Bed Type");
l5.setForeground(new Color(25, 25, 112));
l5.setFont(new Font("Tahoma", Font.BOLD, 14));
l5.setBounds(64, 230, 102, 22);
contentPane.add(l5);


comboBox_3 = new JComboBox(new String[] { "Single Bed", "Double Bed" });
comboBox_3.setBounds(176, 230, 154, 20);
contentPane.add(comboBox_3);

```

```

        b1 = new JButton("Add");
        b1.addActionListener(this);
        b1.setBounds(64, 321, 111, 33);
        b1.setBackground(Color.BLACK);
        b1.setForeground(Color.WHITE);
        contentPane.add(b1);

        b2 = new JButton("Back");
        b2.addActionListener(this);
        b2.setBounds(198, 321, 111, 33);
        b2.setBackground(Color.BLACK);
        b2.setForeground(Color.WHITE);
        contentPane.add(b2);

        contentPane.setBackground(Color.WHITE);
    }

    public void actionPerformed(ActionEvent ae){
        try{

            if(ae.getSource() == b1){
                try{
                    conn c = new conn();
                    String room = t4.getText();
                    String available = (String)comboBox.getSelectedItemAt();
                    String status = (String)comboBox_2.getSelectedItemAt();
                    String price = t2.getText();
                    String type = (String)comboBox_3.getSelectedItemAt();
                    String str = "INSERT INTO room values( '"+room+"', '"+available+"', '"+status+"', '"+price+"',
""+type+"')";

                    c.s.executeUpdate(str);
                    JOptionPane.showMessageDialog(null, "Room Successfully Added");
                    this.setVisible(false);

                }catch(Exception ee){
                    System.out.println(ee);
                }
            }
            else if(ae.getSource() == b2){
                this.setVisible(false);
            }
        }catch(Exception eee){

        }
    }
}
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.BorderLayout;
import java.awt.*;

```

```

import java.awt.EventQueue;

import java.sql.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

import java.awt.Font;
import java.awt.event.*;
import java.awt.event.ActionEvent;

public class CheckOut extends JFrame{
    Connection conn = null;
    PreparedStatement pst = null;
    private JPanel contentPane;
    private JTextField t1;
    Choice c1;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    CheckOut frame = new CheckOut();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }
    public void close(){
        this.dispose();
    }

    /**
     * Create the frame.
     * @throws SQLException
     */
    public CheckOut() throws SQLException {
        //conn = Javaconnect.getDBConnection();
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(530, 200, 800, 294);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/sixth.jpg"));
        Image i3 = i1.getImage().getScaledInstance(400, 225,Image.SCALE_DEFAULT);
        ImageIcon i2 = new ImageIcon(i3);
        JLabel l1 = new JLabel(i2);
        l1.setBounds(300,0,500,225);
        add(l1);

        JLabel lblCheckOut = new JLabel("Check Out ");
        lblCheckOut.setFont(new Font("Tahoma", Font.PLAIN, 20));
        lblCheckOut.setBounds(70, 11, 140, 35);
        contentPane.add(lblCheckOut);

        JLabel lblName = new JLabel("Number :");

```



```

        lblName.setBounds(20, 85, 80, 14);
        contentPane.add(lblName);

c1 = new Choice();
try{
    conn c = new conn();
    ResultSet rs = c.s.executeQuery("select * from customer");
    while(rs.next()){
        c1.add(rs.getString("number"));
    }
} catch (Exception e) { }
c1.setBounds(130, 82, 150, 20);
contentPane.add(c1);

ImageIcon i4 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/tick.png"));
Image i5 = i4.getImage().getScaledInstance(20, 20, Image.SCALE_DEFAULT);
ImageIcon i6 = new ImageIcon(i5);
JButton l2 = new JButton(i6);
l2.setBounds(290, 82, 20, 20);
add(l2);

l2.addActionListener(new ActionListener(){

    public void actionPerformed(ActionEvent ae){
        System.out.println("Hi");
        try{

            conn c = new conn();
            String number = c1.getSelectedItem();
            ResultSet rs = c.s.executeQuery("select * from customer where number = "+number);

            if(rs.next()){
                System.out.println("clicked");
                t1.setText(rs.getString("room_number"));
            }
        } catch (Exception e) { }
    }
});

JLabel lblRoomNumber = new JLabel("Room Number:");
lblRoomNumber.setBounds(20, 132, 86, 20);
contentPane.add(lblRoomNumber);

t1 = new JTextField();
t1.setBounds(130, 132, 150, 20);
contentPane.add(t1);

JButton btnCheckOut = new JButton("Check Out");
btnCheckOut.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        String id = c1.getSelectedItem();
        String s1 = t1.getText();
        String deleteSQL = "Delete from customer where number = "+id;
        String q2 = "update room set availability = 'Available' where room_number = "+s1;
    }
});

```

```

        conn c = new conn();

        try{

            c.s.executeUpdate(deleteSQL);
            c.s.executeUpdate(q2);
            JOptionPane.showMessageDialog(null, "Check Out Successful");
            new Reception().setVisible(true);
            setVisible(false);
        }catch(SQLException e1){
            System.out.println(e1.getMessage());
        }
    });
    btnCheckOut.setBounds(50, 200, 100, 25);
    btnCheckOut.setBackground(Color.BLACK);
    btnCheckOut.setForeground(Color.WHITE);
    contentPane.add(btnCheckOut);

    JButton btnExit = new JButton("Back");
    btnExit.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            new Reception().setVisible(true);
            setVisible(false);
        }
    });
    btnExit.setBounds(160, 200, 100, 25);
    btnExit.setBackground(Color.BLACK);
    btnExit.setForeground(Color.WHITE);
    contentPane.add(btnExit);

    getContentPane().setBackground(Color.WHITE);
}

}
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.BorderLayout;
import java.awt.*;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

import net.proteanit.sql.DbUtils;
import java.sql.*;
import javax.swing.*;
import javax.swing.JTable;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class CustomerInfo extends JFrame {
    Connection conn = null;
    private JPanel contentPane;
    private JLabel lblId;
    private JLabel lblNewLabel;

```

```

private JLabel lblGender;
private JTable table;
private JLabel lblCountry;
private JLabel lblRoom;
private JLabel lblStatus;
private JLabel lblNewLabel_1;

/**
 * Launch the application.
 */
public static void main(String[] args) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                CustomerInfo frame = new CustomerInfo();
                frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

public void close()
{
    this.dispose();
}

/**
 * Create the frame.
 * @throws SQLException
 */
public CustomerInfo() throws SQLException {
    //conn = Javaconnect.getDBConnection();
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(530, 200, 900, 600);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    JButton btnExit = new JButton("Back");
    btnExit.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            new Reception().setVisible(true);
            setVisible(false);
        }
    });
    btnExit.setBounds(450, 510, 120, 30);
    btnExit.setBackground(Color.BLACK);
    btnExit.setForeground(Color.WHITE);
    contentPane.add(btnExit);

    JButton btnLoadData = new JButton("Load Data");
    btnLoadData.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
            try{
                conn c = new conn();

                String displayCustomersql = "select * from Customer";
                ResultSet rs = c.s.executeQuery(displayCustomersql);
                table.setModel(DbUtils.resultSetToTableModel(rs));
            }
            catch(Exception e)
            {

```

```

        e.printStackTrace();
    }
}

});
btnLoadData.setBounds(300, 510, 120, 30);
btnLoadData.setBackground(Color.BLACK);
btnLoadData.setForeground(Color.WHITE);
contentPane.add(btnLoadData);

lblId = new JLabel("ID");
lblId.setBounds(31, 11, 46, 14);
contentPane.add(lblId);

JLabel l1 = new JLabel("Number");
l1.setBounds(150, 11, 46, 14);
contentPane.add(l1);

lblNewLabel = new JLabel("Name");
lblNewLabel.setBounds(270, 11, 65, 14);
contentPane.add(lblNewLabel);

lblGender = new JLabel("Gender");
lblGender.setBounds(360, 11, 46, 14);
contentPane.add(lblGender);

table = new JTable();
table.setBounds(0, 40, 900, 450);
contentPane.add(table);

lblCountry = new JLabel("Country");
lblCountry.setBounds(480, 11, 46, 14);
contentPane.add(lblCountry);

lblRoom = new JLabel("Room");
lblRoom.setBounds(600, 11, 46, 14);
contentPane.add(lblRoom);

lblStatus = new JLabel("Check-in Status");
lblStatus.setBounds(680, 11, 100, 14);
contentPane.add(lblStatus);

lblNewLabel_1 = new JLabel("Deposit");
lblNewLabel_1.setBounds(800, 11, 100, 14);
contentPane.add(lblNewLabel_1);

getContentPane().setBackground(Color.WHITE);
}
}

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.*;
import javax.swing.*;
import java.awt.event.*;

```

```

public class Dashboard extends JFrame{

    public static void main(String[] args) {
        new Dashboard().setVisible(true);
    }

    public Dashboard() {
        super("HOTEL MANAGEMENT SYSTEM");

        setForeground(Color.CYAN);
        setLayout(null);

        ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/third.jpg"));
        Image i2 = i1.getImage().getScaledInstance(1950, 1000,Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel NewLabel = new JLabel(i3);
        NewLabel.setBounds(0, 0, 1950, 1000);
        add(NewLabel);

        JLabel AirlineManagementSystem = new JLabel("THE TAJ GROUP WELCOMES YOU");
        AirlineManagementSystem.setForeground(Color.WHITE);
        AirlineManagementSystem.setFont(new Font("Tahoma", Font.PLAIN, 46));
        AirlineManagementSystem.setBounds(600, 60, 1000, 85);
        NewLabel.add(AirlineManagementSystem);

        JMenuBar menuBar = new JMenuBar();
        setJMenuBar(menuBar);

        JMenu AirlineSystem = new JMenu("HOTEL MANAGEMENT");
        AirlineSystem.setForeground(Color.BLUE);
        menuBar.add(AirlineSystem);

        JMenuItem FlightDetails = new JMenuItem("RECEPTION");
        AirlineSystem.add(FlightDetails);

        JMenu AirlineSystemHello = new JMenu("ADMIN");
        AirlineSystemHello.setForeground(Color.RED);
        menuBar.add(AirlineSystemHello);

        JMenuItem FlightDetailshello1 = new JMenuItem("ADD EMPLOYEE");
        AirlineSystemHello.add(FlightDetailshello1);

        FlightDetailshello1.addActionListener(new ActionListener(){
            public void actionPerformed(ActionEvent ae){
                try{
                    new AddEmployee().setVisible(true);
                }catch(Exception e ){ }
            }
        });

        JMenuItem FlightDetailshello2 = new JMenuItem("ADD ROOMS");
        AirlineSystemHello.add(FlightDetailshello2);

        FlightDetailshello2.addActionListener(new ActionListener(){
            public void actionPerformed(ActionEvent ae){
                try{
                    new AddRoom().setVisible(true);
                }catch(Exception e ){ }
            }
        });
    }
}

```

```

FlightDetails.addActionListener(new ActionListener(){
public void actionPerformed(ActionEvent ae){
    new Reception();
}
});

```

```

JMenuItem FlightDetailshello3 = new JMenuItem("ADD DRIVERS");
AirlineSystemHello.add(FlightDetailshello3);

```

```

FlightDetailshello3.addActionListener(new ActionListener(){
public void actionPerformed(ActionEvent ae){
    try{
        new AddDrivers().setVisible(true);
    }catch(Exception e ){}
}
});

```

```

setSize(1950,1090);
setVisible(true);
getContentPane().setBackground(Color.WHITE);
}
}

```

```

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

```

```

package hotel.management.system;

```

```

import java.awt.BorderLayout;
import java.awt.*;

```

```

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

```

```

import net.proteanit.sql.DbUtils;

```

```

import javax.swing.JTable;
import java.sql.*;
import javax.swing.*;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
public class Employee extends JFrame {
    Connection conn = null;
    private JPanel contentPane;
    private JTable table;
    private JLabel lblNewLabel;
    private JLabel lblJob;
    private JLabel lblName;
    private JLabel lblDepartment;

```

```

/**
 * Launch the application.
 */

```

```

public static void main(String[] args) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Employee frame = new Employee();

```

```

        frame.setVisible(true);
    } catch (Exception e) {
        e.printStackTrace();
    }
    });
}
public void close()
{
    this.dispose();
}
/**
 * Create the frame.
 * @throws SQLException
 */
public Employee() throws SQLException {
    //conn = Javaconnect.getDBConnection();
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(430, 200, 1000, 600);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    table = new JTable();
    table.setBounds(0, 34, 1000, 450);
    contentPane.add(table);

    JButton btnLoadData = new JButton("Load Data");
    btnLoadData.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            try{
                conn c = new conn();
                String displayCustomersql = "select * from Employee";
                ResultSet rs = c.s.executeQuery(displayCustomersql);
                table.setModel(DbUtils.resultSetToTableModel(rs));
            }
            catch(Exception e1){
                e1.printStackTrace();
            }
        }
    });
    btnLoadData.setBounds(350, 500, 120, 30);
    btnLoadData.setBackground(Color.BLACK);
    btnLoadData.setForeground(Color.WHITE);
    contentPane.add(btnLoadData);

    JButton btnExit = new JButton("Back");
    btnExit.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            new Reception().setVisible(true);
            setVisible(false);
        }
    });
    btnExit.setBounds(510, 500, 120, 30);
    btnExit.setBackground(Color.BLACK);
    btnExit.setForeground(Color.WHITE);
    contentPane.add(btnExit);

    lblNewLabel = new JLabel("Name");
    lblNewLabel.setBounds(41, 11, 46, 14);
    contentPane.add(lblNewLabel);

```

```

        lblJob = new JLabel("Age");
        lblJob.setBounds(159, 11, 46, 14);
        contentPane.add(lblJob);

        lblName = new JLabel("Gender");
        lblName.setBounds(273, 11, 46, 14);
        contentPane.add(lblName);

        lblDepartment = new JLabel("Job");
        lblDepartment.setBounds(416, 11, 86, 14);
        contentPane.add(lblDepartment);

        JLabel l1 = new JLabel("Salary");
        l1.setBounds(536, 11, 86, 14);
        contentPane.add(l1);

        JLabel l2 = new JLabel("Phone");
        l2.setBounds(656, 11, 86, 14);
        contentPane.add(l2);

        JLabel l3 = new JLabel("Aadhar");
        l3.setBounds(786, 11, 86, 14);
        contentPane.add(l3);

        JLabel l4 = new JLabel("Gmail");
        l4.setBounds(896, 11, 86, 14);
        contentPane.add(l4);

        getContentPane().setBackground(Color.WHITE);
    }
}
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.*;
import javax.swing.*;
import java.awt.event.*;

public class HotelManagementSystem extends JFrame implements ActionListener{

    JLabel l1;
    JButton b1;

    public HotelManagementSystem() {

        setSize(1366,430);        // setContentPane(300,300,1366,390);  frame size
        setLayout(null);
        setLocation(300,300);

        l1 = new JLabel("");
        b1 = new JButton("Next");

        b1.setBackground(Color.WHITE);
        b1.setForeground(Color.BLACK);

        ImageIcon i1 = new
        ImageIcon(ClassLoader.getResource("hotel/management/system/icons/first.jpg"));
        Image i3 = i1.getImage().getScaledInstance(1366, 390,Image.SCALE_DEFAULT);

```



```

        ImageIcon i2 = new ImageIcon(i3);
        l1 = new JLabel(i2);

        JLabel lid=new JLabel("HOTEL MANAGEMENT SYSTEM");
        lid.setBounds(30,300,1500,100);
        lid.setFont(new Font("serif",Font.PLAIN,70));
        lid.setForeground(Color.red);
        l1.add(lid);

        b1.setBounds(1170,325,150,50);
        l1.setBounds(0, 0, 1366, 390);

        l1.add(b1);
        add(l1);

        b1.addActionListener(this);
        setVisible(true);

        while(true){
            lid.setVisible(false); // lid = j label
            try{
                Thread.sleep(500); //1000 = 1 second
            }catch(Exception e){ }
            lid.setVisible(true);
            try{
                Thread.sleep(500);
            }catch(Exception e){ }
        }
    }

    public void actionPerformed(ActionEvent ae){
        new Login().setVisible(true);
        this.setVisible(false);
    }

    public static void main(String[] args) {
        HotelManagementSystem window = new HotelManagementSystem();
        window.setVisible(true);
    }
}
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import java.awt.BorderLayout;
import java.awt.*;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

import net.proteanit.sql.DbUtils;

import javax.swing.JTable;
import java.sql.*;
import javax.swing.*;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
public class Room extends JFrame {
    Connection conn = null;

```

```

private JPanel contentPane;
private JTable table;
private JLabel lblAvailability;
private JLabel lblCleanStatus;
private JLabel lblNewLabel;
private JLabel lblNewLabel_1;
private JLabel lblRoomNumber;
private JLabel lblId;

/**
 * Launch the application.
 */
public static void main(String[] args) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Room frame = new Room();
                frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

public Room() throws SQLException {
    //conn = Javaconnect.getDBConnection();
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(450, 200, 1100, 600);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/eight.jpg"));
    Image i3 = i1.getImage().getScaledInstance(600, 600, Image.SCALE_DEFAULT);
    ImageIcon i2 = new ImageIcon(i3);
    JLabel l1 = new JLabel(i2);
    l1.setBounds(500,0,600,600);
    add(l1);

    table = new JTable();
    table.setBounds(0, 40, 500, 400);
    contentPane.add(table);

    JButton btnLoadData = new JButton("Load Data");
    btnLoadData.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            try{
                conn c = new conn();
                String displayCustomersql = "select * from Room";
                //PreparedStatement pst = conn.prepareStatement(displayCustomersql);
                ResultSet rs = c.s.executeQuery(displayCustomersql);
                table.setModel(DbUtils.resultSetToTableModel(rs));

            }
            catch(Exception e1){
                e1.printStackTrace();
            }
        }
    });
}

```

```

    });
    btnLoadData.setBounds(100, 470, 120, 30);
    btnLoadData.setBackground(Color.BLACK);
    btnLoadData.setForeground(Color.WHITE);
    contentPane.add(btnLoadData);

    JButton btnNewButton = new JButton("Back");
    btnNewButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            new Reception().setVisible(true);
            setVisible(false);
        }
    });
    btnNewButton.setBounds(290, 470, 120, 30);
    btnNewButton.setBackground(Color.BLACK);
    btnNewButton.setForeground(Color.WHITE);
    contentPane.add(btnNewButton);

    lblAvailability = new JLabel("Availability");
    lblAvailability.setBounds(119, 15, 69, 14);
    contentPane.add(lblAvailability);

    lblCleanStatus = new JLabel("Clean Status");
    lblCleanStatus.setBounds(216, 15, 76, 14);
    contentPane.add(lblCleanStatus);

    lblNewLabel = new JLabel("Price");
    lblNewLabel.setBounds(330, 15, 46, 14);
    contentPane.add(lblNewLabel);

    lblNewLabel_1 = new JLabel("Bed Type");
    lblNewLabel_1.setBounds(417, 15, 76, 14);
    contentPane.add(lblNewLabel_1);

    lblId = new JLabel("Room Number");
    lblId.setBounds(12, 15, 90, 14);
    contentPane.add(lblId);

    getContentPane().setBackground(Color.WHITE);
}

}

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package hotel.management.system;

import javax.swing.*;

import java.sql.*;
import java.awt.event.*;
import java.awt.*;

public class Reception extends JFrame {

    private JPanel contentPane;

    public static void main(String[] args) {

```

```

        new Reception();
    }

    public Reception(){

        setBounds(530, 200, 850, 570);
        contentPane = new JPanel();
        setContentPane(contentPane);
        contentPane.setLayout(null);

        ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("hotel/management/system/icons/fourth.jpg"));
        Image i3 = i1.getImage().getScaledInstance(500, 500,Image.SCALE_DEFAULT);
        ImageIcon i2 = new ImageIcon(i3);
        JLabel l1 = new JLabel(i2);
        l1.setBounds(250,30,500,470);
        add(l1);

        JButton btnNewCustomerForm = new JButton("New Customer Form");
        btnNewCustomerForm.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                try{
                    NewCustomer custom = new NewCustomer();
                    custom.setVisible(true);
                setVisible(false);
                }catch(Exception e1){
                    e1.printStackTrace();
                }
            }
        });
        btnNewCustomerForm.setBounds(10, 30, 200, 30);
        btnNewCustomerForm.setBackground(Color.BLACK);
        btnNewCustomerForm.setForeground(Color.WHITE);
        contentPane.add(btnNewCustomerForm);

        JButton btnNewButton = new JButton("Room");
        btnNewButton.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                try{
                    Room room = new Room();
                    room.setVisible(true);
                setVisible(false);
                }
                catch(Exception e){
                    e.printStackTrace();
                }
            }
        });
        btnNewButton.setBounds(10, 70, 200, 30);
        btnNewButton.setBackground(Color.BLACK);
        btnNewButton.setForeground(Color.WHITE);

        contentPane.add(btnNewButton);

        JButton btnNewButton_1 = new JButton("Department");
        btnNewButton_1.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                try{
                    Department dept = new Department();
                    dept.setVisible(true);
                    setVisible(false);
                }
            }
        });
    }

```

```

        catch (Exception e1){
            e1.printStackTrace();
        }

    }

});
btnNewButton_1.setBounds(10, 110, 200, 30);
btnNewButton_1.setBackground(Color.BLACK);
btnNewButton_1.setForeground(Color.WHITE);

contentPane.add(btnNewButton_1);

JButton btnNewButton_2 = new JButton("All Employee Info");
btnNewButton_2.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try{

            Employee em = new Employee();
            em.setVisible(true);
            setVisible(false);

        }
        catch (Exception e1){
            e1.printStackTrace();
        }

    }

});
btnNewButton_2.setBounds(10, 150, 200, 30);
btnNewButton_2.setBackground(Color.BLACK);
btnNewButton_2.setForeground(Color.WHITE);

contentPane.add(btnNewButton_2);

JButton btnNewButton_3 = new JButton("Customer Info");
btnNewButton_3.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try{

            //error -----
            CustomerInfo customer = new CustomerInfo();
            customer.setVisible(true);
            setVisible(false);

        }
        catch (Exception e1){
            e1.printStackTrace();
        }

    }

});
btnNewButton_3.setBounds(10, 190, 200, 30);
btnNewButton_3.setBackground(Color.BLACK);
btnNewButton_3.setForeground(Color.WHITE);

contentPane.add(btnNewButton_3);

JButton btnManagerInfo = new JButton("Manager Info");
btnManagerInfo.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try{
            ManagerInfo mana = new ManagerInfo();
            mana.setVisible(true);
            setVisible(false);
        }
        catch (Exception e1){
            e1.printStackTrace();
        }
    }
});

```

```

        }
    }
});
btnManagerInfo.setBounds(10, 230, 200, 30);
btnManagerInfo.setBackground(Color.BLACK);
btnManagerInfo.setForeground(Color.WHITE);

contentPane.add(btnManagerInfo);

JButton btnNewButton_4 = new JButton("Check Out");
btnNewButton_4.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        Checkout check;
        try {
            check = new Checkout();
            check.setVisible(true);
        } catch (SQLException e1) {
            // TODO Auto-generated catch block
            e1.printStackTrace();
        }
    }
});
btnNewButton_4.setBounds(10, 270, 200, 30);
btnNewButton_4.setBackground(Color.BLACK);
btnNewButton_4.setForeground(Color.WHITE);

contentPane.add(btnNewButton_4);

JButton btnNewButton_5 = new JButton("Update Check Status");
btnNewButton_5.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            UpdateCheck update = new UpdateCheck();
            update.setVisible(true);
        } catch (Exception e1) {
            e1.printStackTrace();
        }
    }
});
btnNewButton_5.setBounds(10, 310, 200, 30);
btnNewButton_5.setBackground(Color.BLACK);
btnNewButton_5.setForeground(Color.WHITE);

contentPane.add(btnNewButton_5);

JButton btnNewButton_6 = new JButton("Update Room Status");
btnNewButton_6.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            UpdateRoom room = new UpdateRoom();
            room.setVisible(true);
        } catch (Exception s) {
            s.printStackTrace();
        }
    }
});
btnNewButton_6.setBounds(10, 350, 200, 30);
btnNewButton_6.setBackground(Color.BLACK);
btnNewButton_6.setForeground(Color.WHITE);

```

```

contentPane.add(btnNewButton_6);

JButton btnPickUpService = new JButton("Pick up Service");
btnPickUpService.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        try{
            Pickup pick = new Pickup();
            pick.setVisible(true);
            setVisible(false);
        }
        catch(Exception e){
            e.printStackTrace();
        }
    }
});
btnPickUpService.setBounds(10, 390, 200, 30);
btnPickUpService.setBackground(Color.BLACK);
btnPickUpService.setForeground(Color.WHITE);

contentPane.add(btnPickUpService);

JButton btnSearchRoom = new JButton("Search Room");
btnSearchRoom.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            SearchRoom search = new SearchRoom();
            search.setVisible(true);
            setVisible(false);
        }
        catch (Exception ss){
            ss.printStackTrace();
        }
    }
});
btnSearchRoom.setBounds(10, 430, 200, 30);
btnSearchRoom.setBackground(Color.BLACK);
btnSearchRoom.setForeground(Color.WHITE);

contentPane.add(btnSearchRoom);

JButton btnNewButton_7 = new JButton("Log Out");
btnNewButton_7.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent ae) {
        try {
            new Login().setVisible(true);
            setVisible(false);
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
});
btnNewButton_7.setBounds(10, 470, 200, 30);
btnNewButton_7.setBackground(Color.BLACK);
btnNewButton_7.setForeground(Color.WHITE);

contentPane.add(btnNewButton_7);
getContentPane().setBackground(Color.WHITE);

setVisible(true);
}
}

```

9. CONCLUSION

Hotel Management System now-a-day have the advantage of modernization. Computer have done the work more easy. Computer is playing an important role in management. Reports are made on daily basis for every customer check in or check out which can easily be seen by the management. Hotel management system has also primary purpose is to provide facilities to customers. A software for computers makes the things many times easy, this are made as user friendly and to keep an check and balance in hotel management and account as well.