

**PROJECT REPORT**  
**ON**  
**HOTEL MANAGEMENT SYSTEM**

**Submitted in partial fulfillment of the requirements for the award of the  
degree**

**Bachelor of Computer applications(BCA)**



- **BCA Department**
- **JD Women's College,Patna**

**Year of Submission,2024**

**Submitted by:**

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**Registration no:202120801363**

**Session:2021-2024**



**SUBMITTED TO**  
**PATLIPUTRA UNIVERSITY ,PATNA,BIHAR**

## **DECLARATION**

I declare that project entitled "Hotel Management System" is my own work conducted under the supervision of Professor Name, BCA,KUMARI NIHARIKA, JD WOMENS COLLEGRE,PATNA

I further declare that, to the best of my knowledge the project does not contain any work which has been submitted for the award of the degree either in the University or in any other University/Deemed University without proper citations.

### Acknowledgment

I wish to express my sincere gratitude to God for his protection, providence, guidance and above all, for sustaining us.

I would like to express our special thanks of gratitude to our professor as well as our H.O.D who gave me the golden opportunity to do this wonderful project on the topic 'Hotel Management System' , which also helped me in doing a lot of Research and gaining some precious

## **Abstract**

In my project "Hotel Management System" I have tried to show how the data/information in hotels is managed. This is just an overview of management in hotels. It manages and maintains the records of customers, rooms, employees and

## **Existing System:**

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.

## **Disadvantages:**

- Time consuming
- Inaccuracy of data

## **Proposed System:**

Proposed system is the computerized version of the existing system which provides easy and quick access over the data. Keeping the records of admission of Resident properly so that facilities provided by Hotels are fully utilized in effective and efficient manner.

## **Advantages:**

- Less Time consuming
- Maintain accuracy

## **Main Objective**

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.

- Keeping records of admission of customers.
- Facilities provided by Hotel are fully utilized in effective and efficient manner.

- Update room status
- Update check status etc.

## **Administrative Modules**

There are 2 modules I have included in this project :

1. Admin : Admin can add a new room , a new employee and a new driver.
2. Receptionist : Receptionist can add a new customer and allocate rooms, can check all room details, customers details, employee details, search for a particular room etc.

Location	Varchar(30)	NN
----------	-------------	----

## 5.Login

Field	DataType	Constraint
Username	Varchar(30)	PK
Password	Varchar(30)	NN

## 6.Department

Field	DataType	Constraint
Department	Varchar(30)	PK
Budget	Numeric(30)	NN

## Screenshots

Status	Varchar(30)	NN
Deposit	Numeric(30)	NN

## 2. Room

Field	Datatype	Constraint
Room_number	Numeric(30)	PK
availability	Varchar(30)	NN
Clean status	Varchar(30)	NN
Price	Number(30)	NN
BedType	Varchar(30)	NN

## 3.Employee

Field	DataType	Constraint
Name	Varchar(30)	NN
Age	Numeric(30)	NN
Gender	Varchar(30)	NN
Job	Varchar(30)	NN
Salary	Number(30)	NN
Phone	Number(30)	NN
Adhar	Number(30)	PK
Email	Varchar(30)	NN

## 4.Driver

Field	DataType	Constraint
Name	Varchar(30)	NN
Age	Numeric(30)	NN
Gender	Varchar(30)	NN
Company	Varchar(30)	NN
Brand	Varchar(30)	NN
Available	Varchar(30)	NN

- AWT API was introduced in JDK 1.0. Most of the AWT components have become obsolete and should be replaced by newer Swing components.
- Swing API, a much more comprehensive set of graphics libraries that enhances the AWT, was introduced as part of Java Foundation Classes (JFC) after the release of JDK 1.1. JFC consists of Swing, Java2D, Accessibility, Internationalization, and Pluggable Look-and-Feel Support APIs. JFC was an add-on to JDK 1.1 but has been integrated into core Java since JDK 1.2.

## Software Interfaces

Programming Language      Java

Back End Tool                MySql 5.5 command line client

### Database Tables

#### 1. Customer

Field	Datatype	Constraint
id	Varchar(30)	NN
number	Numeric(30)	PK
name	Varchar(30)	NN
gender	Varchar(30)	NN
country	Varchar(30)	NN
Room number	Numeric(30)	NN

## **Requirements**

### **User Interface:**

The User interface required to be developed for the system should be user friendly and attractive.

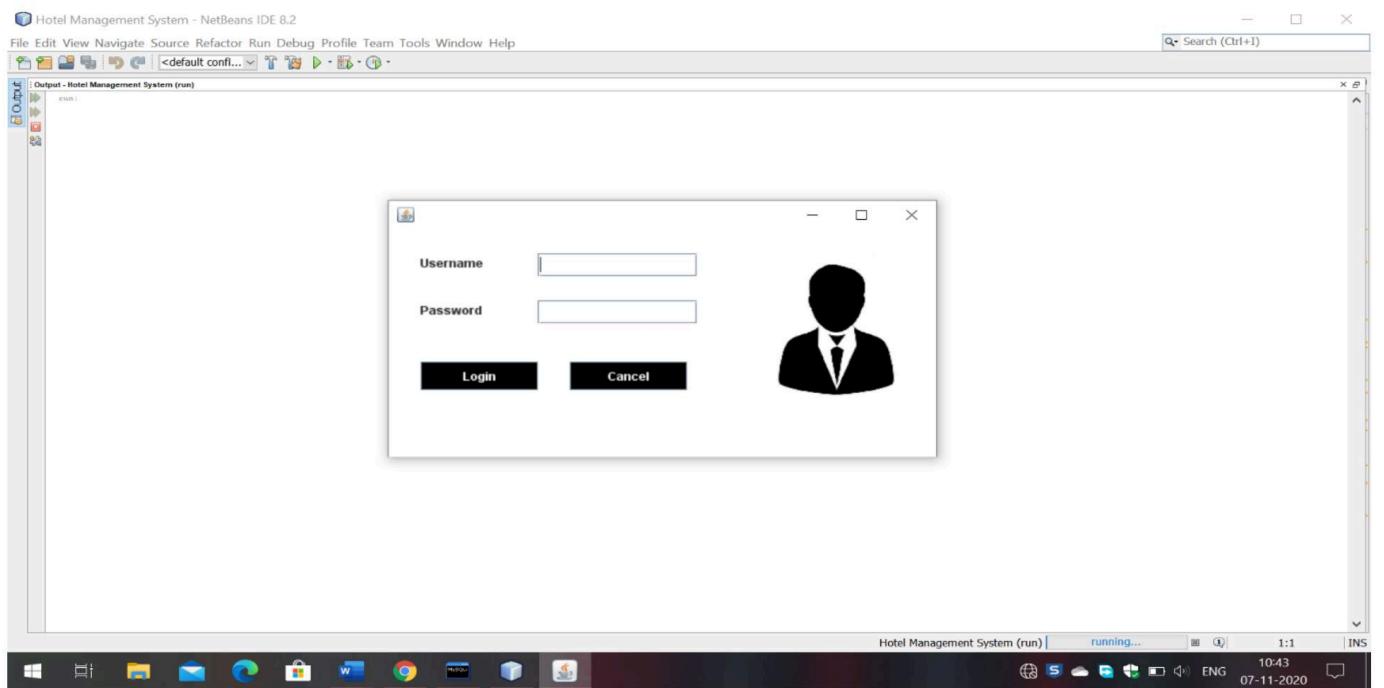
There are two sets of java APIs for graphics programming:

AWT (Abstract Windowing Toolkit) and Swing.

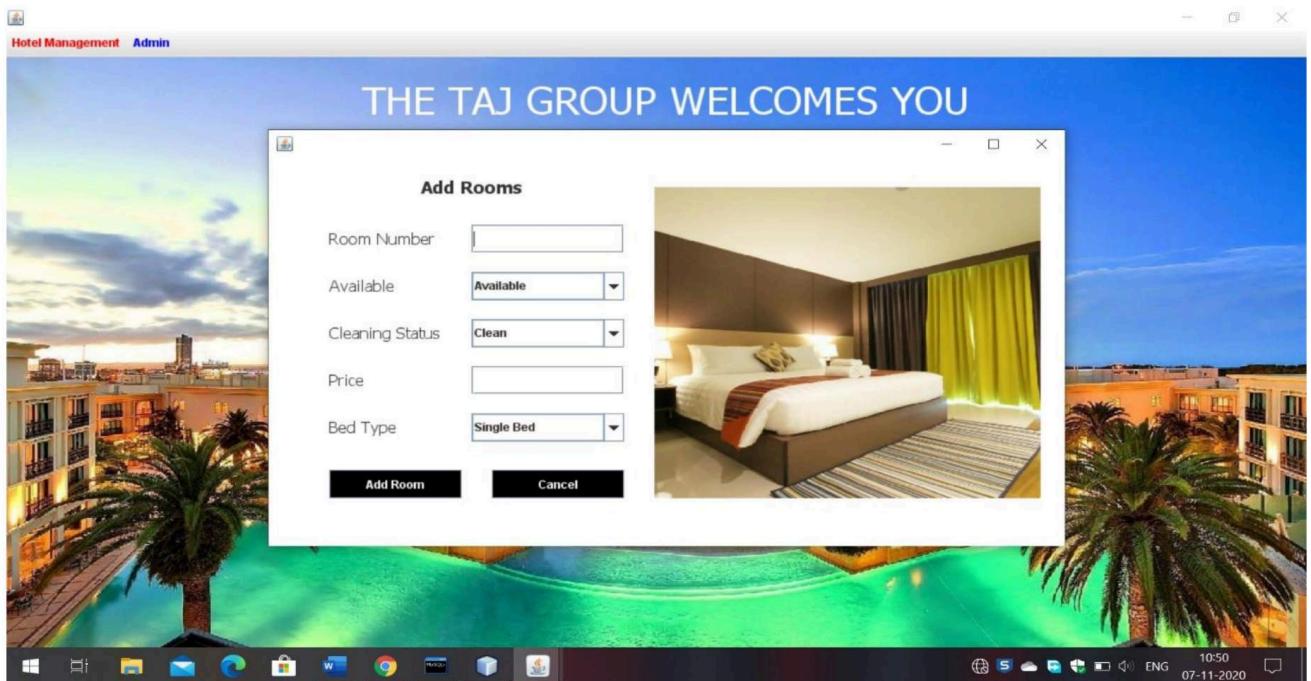
## 1. Start Screen



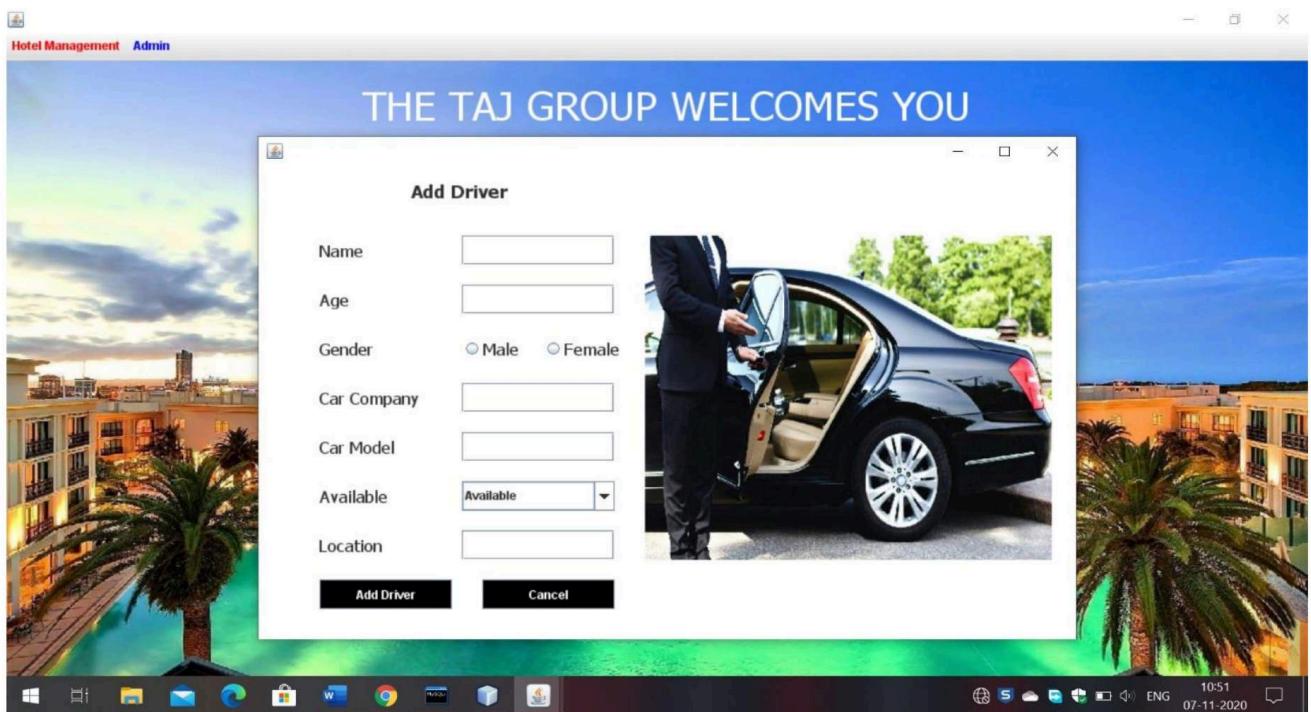
## 2. Login Page



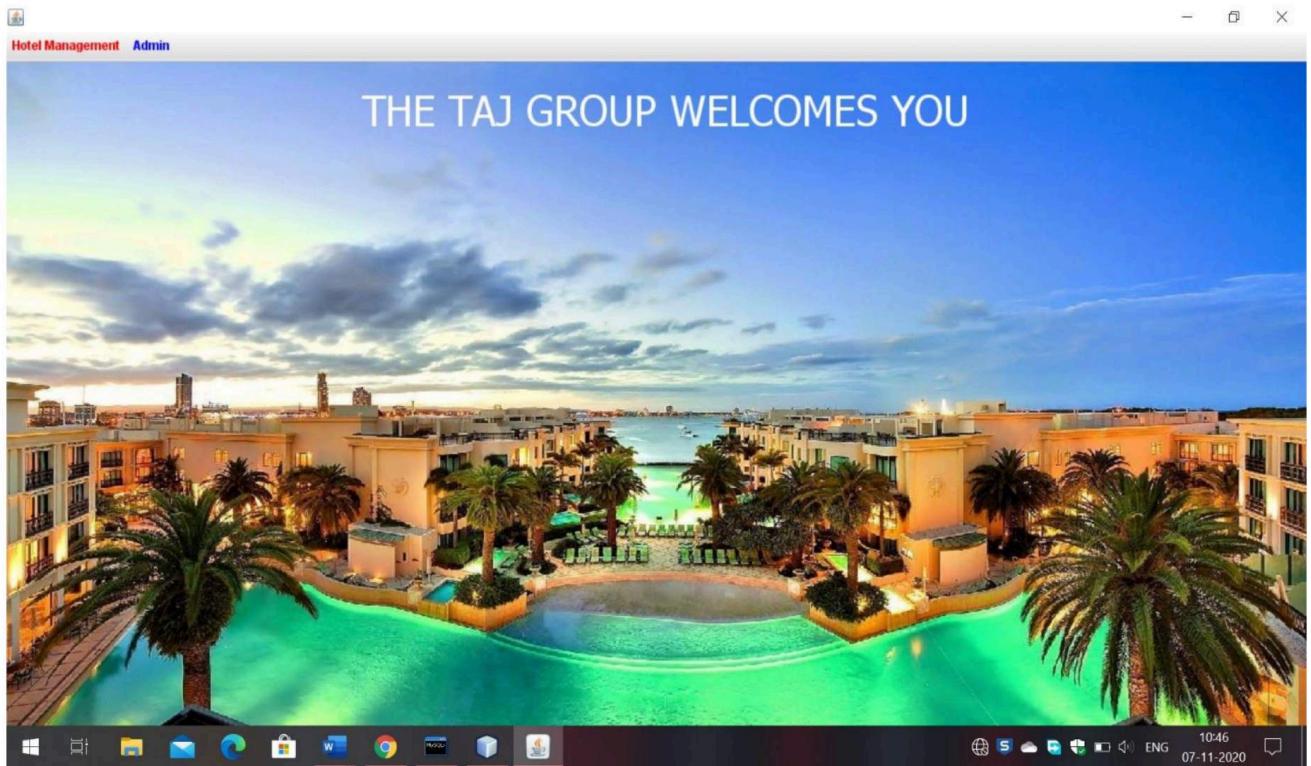
## 5.Add Rooms



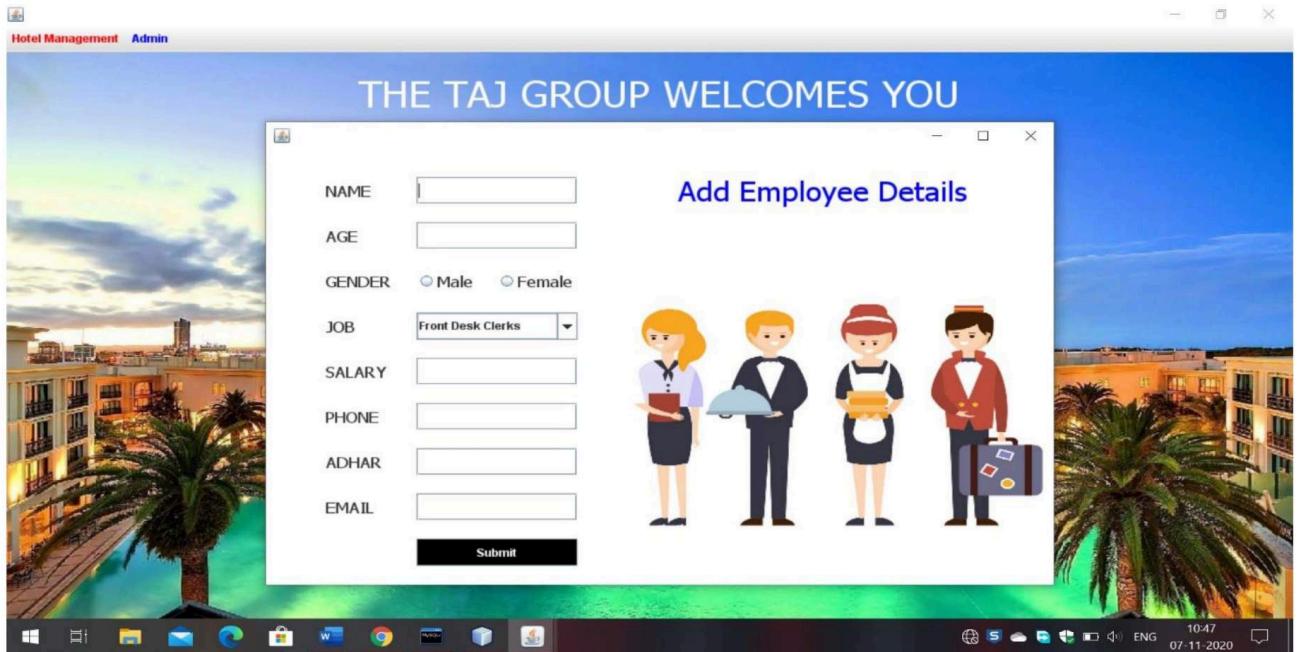
## 6.Add Driver



### 3.DashBoard Page



### 4.Add Employee



## 9.Room Details

The screenshot shows a Windows desktop environment with a hotel management application open. The application window has a blue header bar with the text "THE TAJ GROUP WELCOMES YOU". Below the header is a table with columns: Room Number, Availability, Status, Price, and Bed Type. The table contains the following data:

Room Number	Availability	Status	Price	Bed Type
101	Available	Clean	30000	Single Bed
102	Available	Clean	50000	Double Bed
103	Occupied	Clean	30000	Single Bed
104	Occupied	Clean	50000	Double Bed
105	Available	Clean	30000	Single Bed
106	Available	Clean	32000	Single Bed

On the right side of the application window, there is a photograph of a modern hotel room featuring a large bed with white and brown bedding, a wooden headboard, and a balcony overlooking a city skyline at dusk.

At the bottom of the application window, there are two buttons: "Load Data" and "Back". The desktop taskbar at the bottom shows various icons for common applications like File Explorer, Edge, and File Explorer.

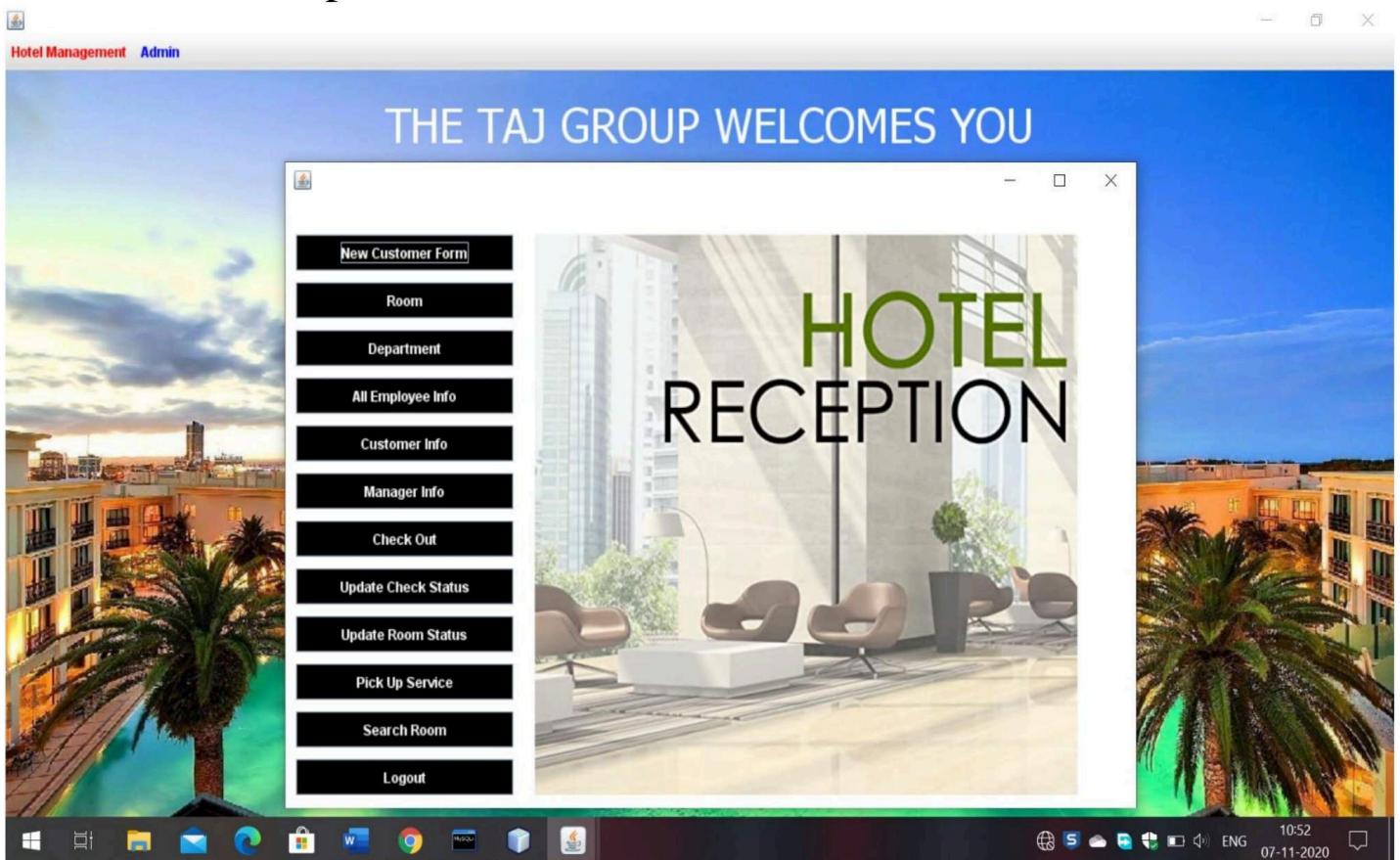
## 10.Employee Details

The screenshot shows a Windows desktop environment with a hotel management application open. The application window has a blue header bar with the text "THE TAJ GROUP WELCOMES YOU". Below the header is a table with columns: Name, Age, Gender, Department, Salary, Phone, Aadhar, and Email. The table contains the following data:

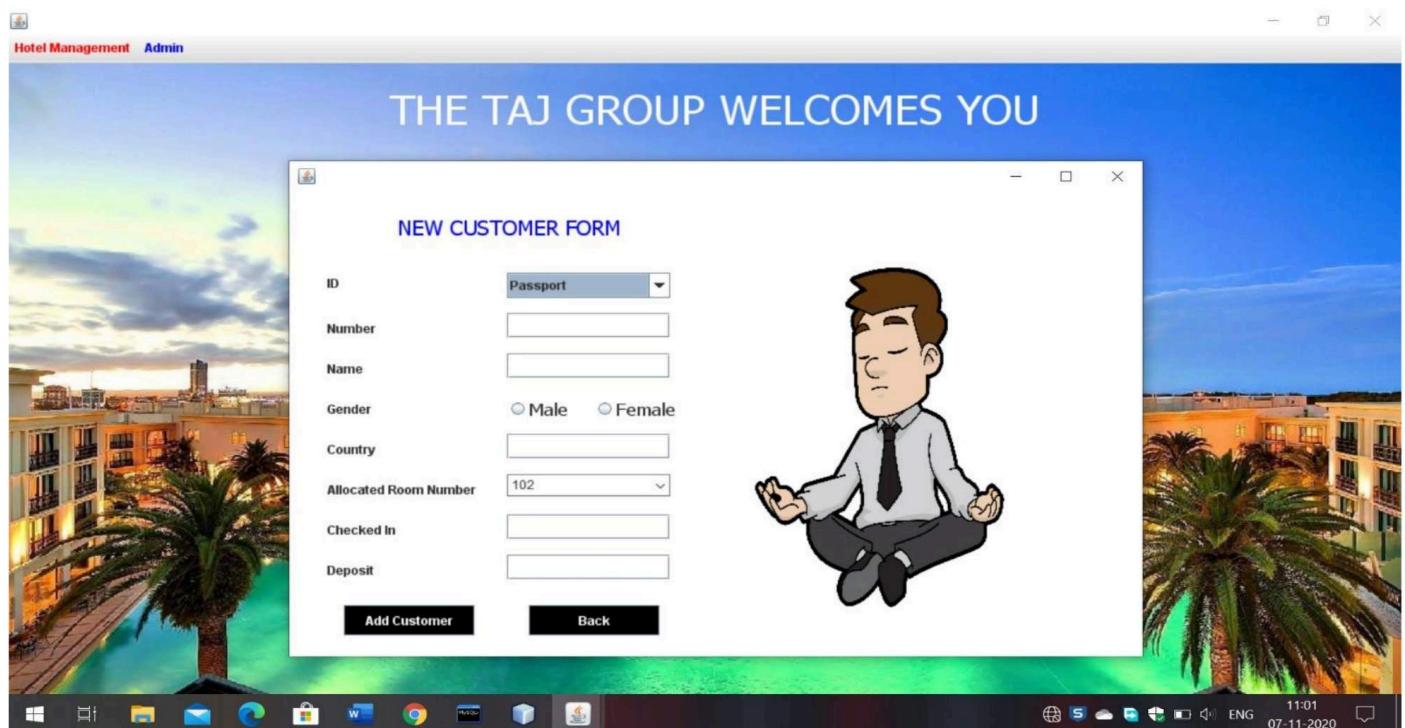
Name	Age	Gender	Department	Salary	Phone	Aadhar	Email
Aakash Jain	23	Male	Waiter/Waitress	12000	6125634289	509742312589	aakash@gmail.com
Vansh Soni	34	Male	Housekeeping	12000	9876543210	422267891234	vansh@gmail.com
Radha Singh	28	Female	Waiter/Waitress	12000	9567346123	341267985409	radha@gmail.com
Parth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

At the bottom of the application window, there are two buttons: "Load Data" and "Back". The desktop taskbar at the bottom shows various icons for common applications like File Explorer, Edge, and File Explorer.

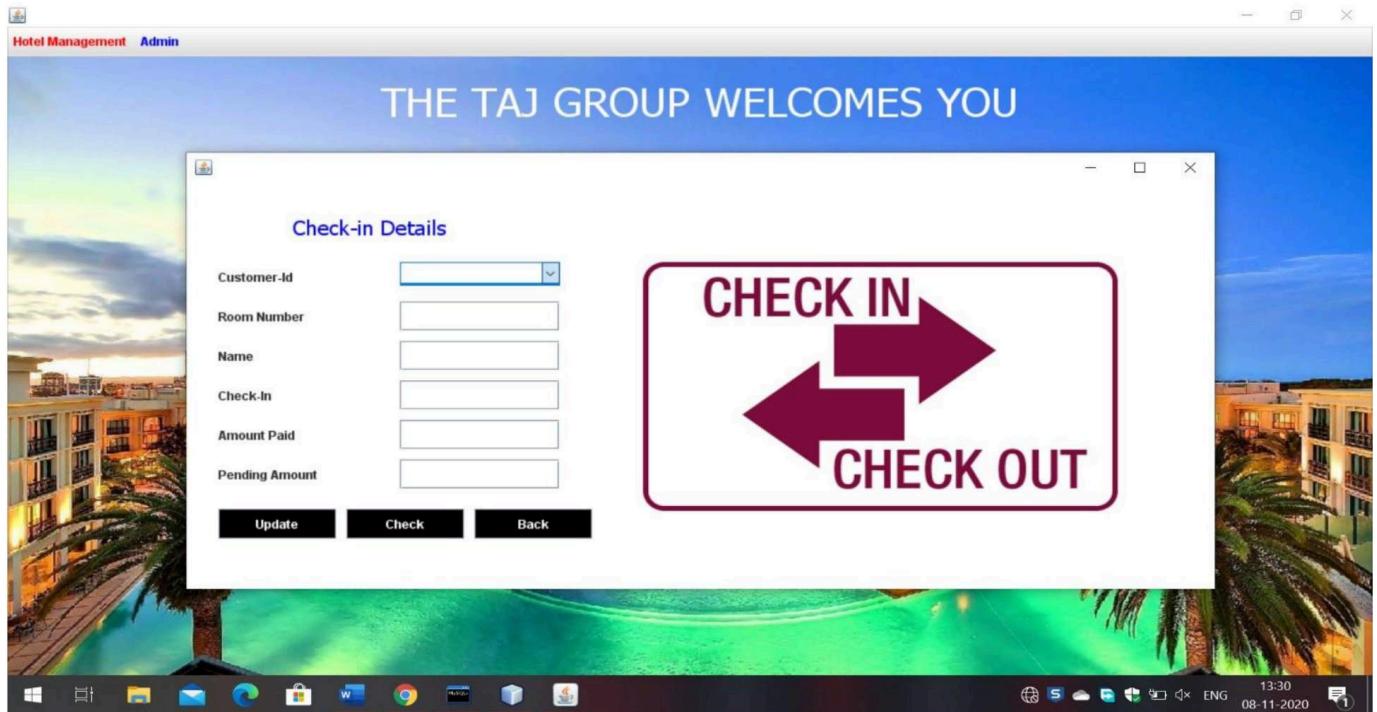
## 7.Reception



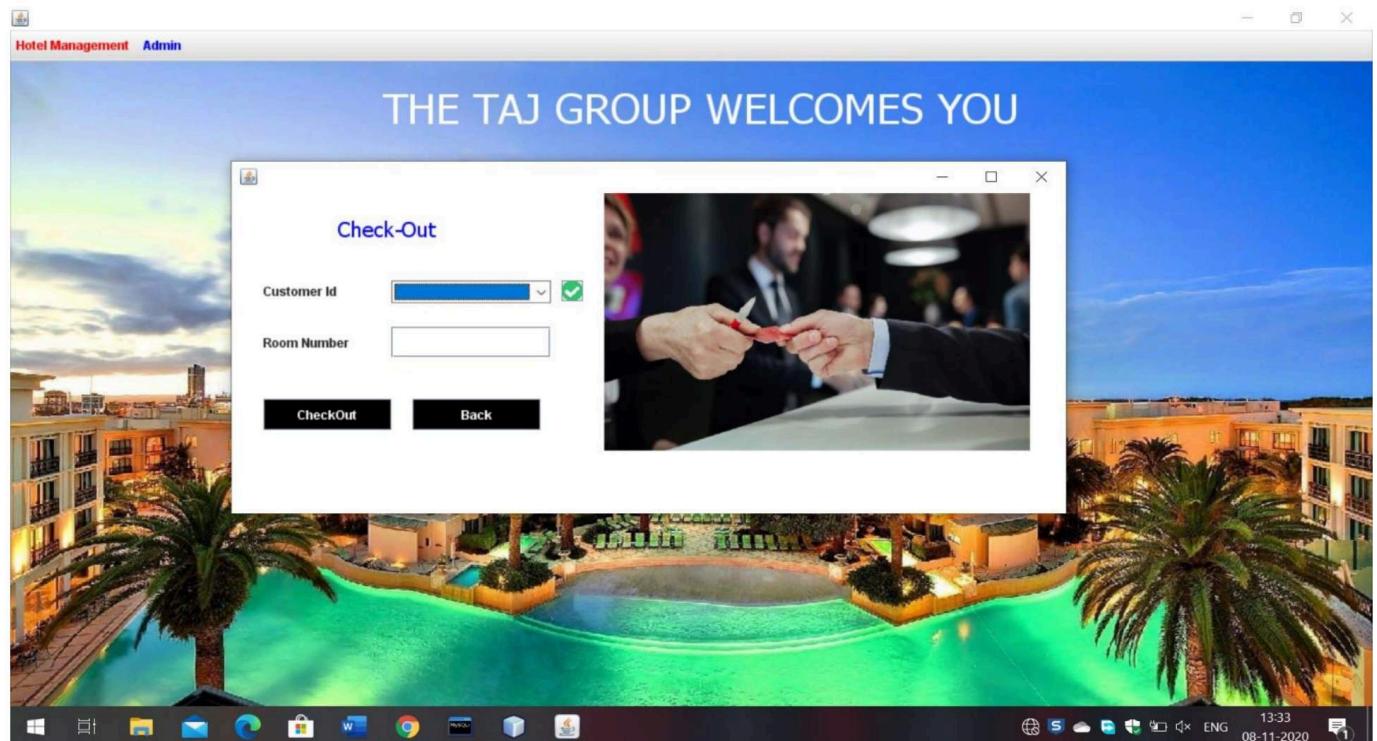
## 8.Add new Customer



## 11. Check In Details



## 12. Check out



## **Conclusion**

In this project I have tried my best to make user friendly software. This software can be handled by any person who has little bit of idea of computers. In this software I have tried to meet most of the requirements of the present hotel management system including maintaining details of customers, rooms, employees and drivers. I also keep provision to update the details of customers, rooms and employees. In my effort I have tried to make my software all the more user friendly but there may some features which I would like to include in my continuous attempts.

```
/*
 * To change this license header, choose
License Headers in Project Properties.
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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.getSystemResource(
"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){\n\n            lid.setVisible(false); // lid = j label\n            try{\n\n                Thread.sleep(500); //1000 = 1 second\n                }catch(Exception e){\n\n            lid.setVisible(true);\n            try{\n\n                Thread.sleep(500);\n                }catch(Exception e){\n\n            }\n            }\n\n        public void\nactionPerformed(ActionEvent ae){\n\n            new\nLogin().setVisible(true);\n            this.setVisible(false);\n        }\n    }\n}
```

```
        }
```

```
    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.*;
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);

        t1 = new JTextField();
        t1.setBounds(150,20,250,30);
        add(t1);

        l2 = new JLabel("Password");
        l2.setBounds(40,50,100,30);
        add(l2);

        t2 = new JPasswordField();
        t2.setBounds(150,50,250,30);
        add(t2);

        b1 = new JButton("Login");
        b1.setBounds(40,80,100,30);
        add(b1);

        b2 = new JButton("Cancel");
        b2.setBounds(150,80,100,30);
        add(b2);
    }

    public void actionPerformed(ActionEvent e) {
        if(e.getSource() == b1) {
            String name = t1.getText();
            String pass = t2.getText();
            if(name.equals("admin") & pass.equals("1234")) {
                JOptionPane.showMessageDialog(null, "Login successful");
            } else {
                JOptionPane.showMessageDialog(null, "Incorrect credentials");
            }
        }
    }
}
```

```
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.getSystemResource("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();

}

}

//



//import java.awt.EventQueue;

//import java.sql.*;

//import javax.swing.*;

//import java.awt.event.ActionListener;

//import java.awt.event.ActionEvent;

//import java.awt.Image;

//



//public class Login {
```

```
//Connection conn = null;
//ResultSet rs = null;
//PreparedStatement pst = null;
//
//    private JFrame frame;
//    private JTextField txt_username;
//    private JPasswordField txt_password;
//
//    /**
//     * Launch the application.
//     */
//    public static void main(String[] args) {
//        EventQueue.invokeLater(new Runnable() {
//            public void run() {
//                try {
//                    Login window = new Login();
//                    window.frame.setVisible(true);
//                } catch (Exception e) {
//                    e.printStackTrace();
//                }
//            }
//        });
//    }
//
//    /**
//     * Create the application.
//     * @throws SQLException
//     */
//    public Login() throws SQLException {
```

```
//         initialize();

//         //conn = Javaconnect.getDBConnection();

//     }

//     public void close() {

//         this.frame.dispose();

//     }

//



//     /**

//      * Initialize the contents of the frame.

//      */

//     private void initialize() {

//         frame = new JFrame();

//         frame.setBounds(100, 100, 683, 445);

//         frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

//         frame.getContentPane().setLayout(null);

//



//         JLabel lblUsername = new JLabel("Username:");

//         lblUsername.setBounds(357, 114, 67, 27);

//         frame.getContentPane().add(lblUsername);

//



//         JLabel lblPassword = new JLabel("Password:");

//         lblPassword.setBounds(357, 187, 67, 27);

//         frame.getContentPane().add(lblPassword);

//



//         txt_username = new JTextField();

//         txt_username.setBounds(419, 117, 86, 20);

//         frame.getContentPane().add(txt_username);

//         txt_username.setColumns(10);

//



//     }

// }
```

```
// JButton btnLogin = new JButton("Login");
// btnLogin.addActionListener(new ActionListener() {
//
//     public void actionPerformed(ActionEvent arg0) {
//
//         String loginsql = "select * from Manager where m_name=? and password=?";
//
//         try{
//
//             pst = conn.prepareStatement(loginsql);
//
//             pst.setString(1, txt_username.getText());
//
//             pst.setString(2, txt_password.getText());
//
//             //
//
//             rs = pst.executeQuery();
//
//             if(rs.next()){
//
//                 JOptionPane.showMessageDialog(null, "Login Successful");
//
//                 Manager manager = new Manager();
//
//                 manager.setVisible(true);
//
//                 close();
//
//             }
//
//             else
//
//             {
//
//                 JOptionPane.showMessageDialog(null, "Username and Password is incorrect");
//
//             }
//
//         }
//
//         catch(Exception e){
//
//             JOptionPane.showMessageDialog(null, "Username and Password is incorrect");
//
//         }
//
//     }
//
// });
//
// btnLogin.setBounds(400, 275, 89, 23);
```

```

//           frame.getContentPane().add(btnLogin);

//           txt_password = new JPasswordField();
//           txt_password.setBounds(418, 190, 87, 20);
//           frame.getContentPane().add(txt_password);

//       }

//}

[02:23, 15/04/2024] Niharika Singh: /*
 * 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.getSystemResource("hotel/management/system/icons/third.j
pg"));

        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);  
}  
}
```

```
/*
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 * 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.getSystemResource("hotel/management/system/icons/third.j
pg"));
        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.
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 * and open the template in the editor.
 */

package hotel.management.system;

import java.sql.*;

public class conn{
    Connection c;
    Statement s;
    public conn(){
        try{
            Class.forName("com.mysql.jdbc.Driver");
            c =DriverManager.getConnection("jdbc:mysql://hms","root","");
            s =c.createStatement();
        }catch(Exception e){
            System.out.println(e);
        }
    }
}
```

```
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);

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);

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

NewRadioButton 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.getSystemResource("hotel/management/system/icons/tenth.j
pg"));
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();
}

}
```

```
/*
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 */

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, 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.getSystemResource("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.getSelectedItem();

String status = (String)comboBox_2.getSelectedItem();

String price = t2.getText();

String type = (String)comboBox_3.getSelectedItem();

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);  
    }  
}  
}  
}  
}
```

```
/*
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 */

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.getSystemResource("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(t4);

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.getSelectedItem();
                String company = t3.getText();
                String brand = t4.getText();
                String available = (String)comboBox_1.getSelectedItem();
                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);  
    }  
}  
}  
}  
}
```

```
/*
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 */

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.getSystemResource("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);  
  
            setVisible(false);  
  
        } 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);
            setVisible(false);
        }
        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);
            setVisible(false);
        }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 btnPickUpSerice = new JButton("Pick up Service");

btnPickUpSerice.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent arg0) {

        try{

            PickUp pick = new PickUp();

            pick.setVisible(true);

            setVisible(false);

        }

        catch(Exception e){

            e.printStackTrace();

        }

    }

});
```

```
btnPickUpSerice.setBounds(10, 390, 200, 30);

btnPickUpSerice.setBackground(Color.BLACK);

btnPickUpSerice.setForeground(Color.WHITE);
```

```
contentPane.add(btnPickUpSerice);
```

```
 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);  
}  
}
```

```
/*
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 */

package hotel.management.system;

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

import javax.swing.border.EmptyBorder;

import java.awt.Font;
import java.awt.Image;
import java.sql.*;
import javax.swing.*;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class NewCustomer extends JFrame {

    Connection conn = null;
    PreparedStatement pst = null;
    JPanel contentPane;
    JTextField t1,t2,t3,t4,t5,t6;
    JComboBox comboBox;
    JRadioButton r1,r2;
    Choice c1;
    /**
     * Launch the application.

```

```
*/  
  
public static void main(String[] args) {  
  
    EventQueue.invokeLater(new Runnable() {  
  
        public void run() {  
  
            try {  
  
                NewCustomer frame = new NewCustomer();  
  
                frame.setVisible(true);  
  
            } catch (Exception e) {  
  
                e.printStackTrace();  
  
            }  
  
        }  
  
    });  
}  
  
}  
  
public NewCustomer() throws SQLException {  
  
    setBounds(530, 200, 850, 550);  
  
    contentPane = new JPanel();  
  
    setContentPane(contentPane);  
  
    contentPane.setLayout(null);  
  
    ImageIcon i1 = new  
ImageIcon(ClassLoader.getSystemResource("hotel/management/system/icons/fifth.p  
ng"));  
  
    Image i3 = i1.getImage().getScaledInstance(300,  
400,Image.SCALE_DEFAULT);  
  
    ImageIcon i2 = new ImageIcon(i3);  
  
    JLabel l1 = new JLabel(i2);  
  
    l1.setBounds(480,10,300,500);  
  
    add(l1);
```

```
    JLabel lblName = new JLabel("NEW CUSTOMER FORM");

    lblName.setFont(new Font("Yu Mincho", Font.PLAIN, 20));
    lblName.setBounds(118, 11, 260, 53);

    contentPane.add(lblName);

    JLabel lblId = new JLabel("ID :");
    lblId.setBounds(35, 76, 200, 14);
    contentPane.add(lblId);

    comboBox = new JComboBox(new String[] {"Passport", "Aadhar Card",
    "Voter Id", "Driving license"});
    comboBox.setBounds(271, 73, 150, 20);
    contentPane.add(comboBox);

    JLabel l2 = new JLabel("Number :");
    l2.setBounds(35, 111, 200, 14);
    contentPane.add(l2);

    t1 = new JTextField();
    t1.setBounds(271, 111, 150, 20);
    contentPane.add(t1);
    t1.setColumns(10);

    JLabel lblName_1 = new JLabel("Name :");
    lblName_1.setBounds(35, 151, 200, 14);
    contentPane.add(lblName_1);

    t2 = new JTextField();
```

```
t2.setBounds(271, 151, 150, 20);

contentPane.add(t2);

t2.setColumns(10);

JLabel lblGender = new JLabel("Gender :");

lblGender.setBounds(35, 191, 200, 14);

contentPane.add(lblGender);

r1 = new JRadioButton("Male");

r1.setFont(new Font("Raleway", Font.BOLD, 14));

r1.setBackground(Color.WHITE);

r1.setBounds(271, 191, 80, 12);

add(r1);

r2 = new JRadioButton("Female");

r2.setFont(new Font("Raleway", Font.BOLD, 14));

r2.setBackground(Color.WHITE);

r2.setBounds(350, 191, 100, 12);

add(r2);

JLabel lblCountry = new JLabel("Country :");

lblCountry.setBounds(35, 231, 200, 14);

contentPane.add(lblCountry);

JLabel lblReserveRoomNumber = new JLabel("Allocated Room Number :");

lblReserveRoomNumber.setBounds(35, 274, 200, 14);

contentPane.add(lblReserveRoomNumber);
```

```
c1 = new Choice();

try{

    conn c = new conn();

    ResultSet rs = c.s.executeQuery("select * from room");

    while(rs.next()){

        c1.add(rs.getString("room_number"));

    }

}catch(Exception e){ }

c1.setBounds(271, 274, 150, 20);

contentPane.add(c1);

JLabel lblCheckInStatus = new JLabel("Checked-In :");

lblCheckInStatus.setBounds(35, 316, 200, 14);

contentPane.add(lblCheckInStatus);

JLabel lblDeposite = new JLabel("Deposit :");

lblDeposite.setBounds(35, 359, 200, 14);

contentPane.add(lblDeposite);

t3 = new JTextField();

t3.setBounds(271, 231, 150, 20);

contentPane.add(t3);

t3.setColumns(10);
```

```

t5 = new JTextField();
t5.setBounds(271, 316, 150, 20);
contentPane.add(t5);
t5.setColumns(10);

t6 = new JTextField();
t6.setBounds(271, 359, 150, 20);
contentPane.add(t6);
t6.setColumns(10);

JButton btnNewButton = new JButton("Add");
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        conn c = new conn();
        String radio = null;

        if(r1.isSelected()){
            radio = "Male";
        }
        else if(r2.isSelected()){
            radio = "Female";
        }

        String s6 = c1.getSelectedItem();

        try{
            String s1 = (String)comboBox.getSelectedItem();
            String s2 = t1.getText();
        }
    }
});

```

```

        String s3 = t2.getText();

        String s4 = radio;

        String s5 = t3.getText();

        String s7 = t5.getText();

        String s8 = t6.getText();

        String q1 = "insert into customer
values ('"+s1+"','"+s2+"','"+s3+"','"+s4+"','"+s5+"','"+s6+"','"+s7+"','"+s8+"')";
        String q2 = "update room set availability =
'Occupied' where room_number = "+s6;

        c.s.executeUpdate(q1);

        c.s.executeUpdate(q2);

        JOptionPane.showMessageDialog(null, "Data Inserted
Successfully");

        new Reception().setVisible(true);

        setVisible(false);

    }catch(SQLException e1){

        System.out.println(e1.getMessage());

    }

    catch(NumberFormatException s){

        JOptionPane.showMessageDialog(null, "Please enter
a valid Number");

    }

}

}

});

btnNewButton.setBounds(100, 430, 120, 30);

btnNewButton.setBackground(Color.BLACK);

btnNewButton.setForeground(Color.WHITE);

```

```
contentPane.add(btnNewButton);

JButton btnExit = new JButton("Back");
btnExit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        new Reception().setVisible(true);
        setVisible(false);
    }
});

btnExit.setBounds(260, 430, 120, 30);
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 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.getSystemResource("hotel/management/system/icons/eight.j
pg"));

        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);






```

```
        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 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 ll = new JLabel("Salary");
ll.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);
}

}
```

```
/*
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 * 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.sql.*;
import javax.swing.*;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

import net.proteanit.sql.DbUtils;

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

public class SearchRoom extends JFrame {

    Connection conn = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    JPanel contentPane;
    JTextField txt_Type;
    JTable table;
```

```

    Choice c1;

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

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

    /**
     * Create the frame.
     * @throws SQLException
     */
    public SearchRoom() throws SQLException {
        //conn = Javaconnect.getDBConnection();
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }
}

```

```
        setBounds(530, 200, 700, 500);

        contentPane = new JPanel();

        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

        setContentPane(contentPane);

        contentPane.setLayout(null);

JLabel lblSearchForRoom = new JLabel("Search For Room");

lblSearchForRoom.setFont(new Font("Tahoma", Font.PLAIN, 20));

lblSearchForRoom.setBounds(250, 11, 186, 31);

contentPane.add(lblSearchForRoom);

JLabel lblRoomAvailable = new JLabel("Room Bed Type:");

lblRoomAvailable.setBounds(50, 73, 96, 14);

contentPane.add(lblRoomAvailable);

JLabel lblRoomType = new JLabel("Room Number");

lblRoomType.setBounds(23, 162, 96, 14);

contentPane.add(lblRoomType);

JLabel lblRoomAvailable_1 = new JLabel("Availability");

lblRoomAvailable_1.setBounds(175, 162, 120, 14);

contentPane.add(lblRoomAvailable_1);

JLabel lblPrice_1 = new JLabel("Price");

lblPrice_1.setBounds(458, 162, 46, 14);

contentPane.add(lblPrice_1);

JLabel l1 = new JLabel("Bed Type");

l1.setBounds(580, 162, 96, 14);
```

```

contentPane.add(l1);

JCheckBox checkRoom = new JCheckBox("Only display Available");
checkRoom.setBounds(400, 69, 205, 23);
checkRoom.setBackground(Color.WHITE);
contentPane.add(checkRoom);

c1 = new Choice();
c1.add("Single Bed");
c1.add("Double Bed");
c1.setBounds(153, 70, 120, 20);
contentPane.add(c1);

JButton btnSearch = new JButton("Search");
btnSearch.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        String SQL = "select * from Room where bed_type =
'"+c1.getSelectedItem()+"'";
        String SQL2 = "select * from Room where availability =
'Available' AND bed_type = '"+c1.getSelectedItem()+"'";
        try{
            conn c = new conn();
            rs = c.s.executeQuery(SQL);
            table.setModel(DbUtils.resultSetToTableModel(rs));
        }
        if(checkRoom.isSelected())
        {
            rs = c.s.executeQuery(SQL2);
        }
    }
});

```

```
        table.setModel(DbUtils.resultSetToTableModel(rs));

    }

}

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

}

});

btnSearch.setBounds(200, 400, 120, 30);

btnSearch.setBackground(Color.BLACK);

btnSearch.setForeground(Color.WHITE);

contentPane.add(btnSearch);

JButton btnExit = new JButton("Back");

btnExit.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) {
        new Reception().setVisible(true);
        setVisible(false);
    }
});

btnExit.setBounds(380, 400, 120, 30);

btnExit.setBackground(Color.BLACK);

btnExit.setForeground(Color.WHITE);

contentPane.add(btnExit);

table = new JTable();
```

```
        table.setBounds(0, 187, 700, 300);  
        contentPane.add(table);  
  
        JLabel lblCleanStatus = new JLabel("Clean Status");  
        lblCleanStatus.setBounds(306, 162, 96, 14);  
        contentPane.add(lblCleanStatus);  
  
        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 java.sql.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

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

public class UpdateCheck extends JFrame {

    Connection conn = null;
    PreparedStatement pst = null;
    JPanel contentPane;
    JTextField txt_ID;
    JTextField txt_Room;
    JTextField txt_Status;
    JTextField txt_Date;
    JTextField txt_Time;
    JTextField txt_Payment;
```

```

    Choice c1, c2;

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

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

    /**
     * Create the frame.
     * @throws SQLException
     */
    public UpdateCheck() throws SQLException {
        //conn = Javaconnect.getDBConnection();
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(500, 200, 950, 500);
        contentPane = new JPanel();

```

```
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

JLabel lblUpdateCheckStatus = new JLabel("Check-In Details");
lblUpdateCheckStatus.setFont(new Font("Tahoma", Font.PLAIN, 20));
lblUpdateCheckStatus.setBounds(124, 11, 222, 25);
contentPane.add(lblUpdateCheckStatus);

ImageIcon i1 = new
ImageIcon(ClassLoader.getSystemResource("hotel/management/system/icons/nine.jp
g"));
JLabel l1 = new JLabel(i1);
l1.setBounds(450,70,476,270);
add(l1);

JLabel lblNewLabel = new JLabel("ID:");
lblNewLabel.setBounds(25, 88, 46, 14);
contentPane.add(lblNewLabel);

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(248, 85, 140, 20);
contentPane.add(c1);
```

```
JLabel lblNewLabel_1 = new JLabel("Room Number :");
lblNewLabel_1.setBounds(25, 129, 107, 14);
contentPane.add(lblNewLabel_1);

txt_ID = new JTextField();
txt_ID.setBounds(264, 126, 140, 20);
contentPane.add(txt_ID);

JLabel lblNewLabel_2 = new JLabel("Name : ");
lblNewLabel_2.setBounds(25, 174, 97, 14);
contentPane.add(lblNewLabel_2);

JLabel lblNewLabel_3 = new JLabel("Checked-in :");
lblNewLabel_3.setBounds(25, 216, 107, 14);
contentPane.add(lblNewLabel_3);

JLabel lblNewLabel_4 = new JLabel("Amount Paid (Rs) : ");
lblNewLabel_4.setBounds(25, 261, 107, 14);
contentPane.add(lblNewLabel_4);

JLabel lblNewLabel_5 = new JLabel("Pending Amount (Rs) : ");
lblNewLabel_5.setBounds(25, 302, 150, 14);
contentPane.add(lblNewLabel_5);

txt_Status = new JTextField();
txt_Status.setBounds(264, 171, 140, 20);
```

```
contentPane.add(txt_Status);

txt_Status.setColumns(10);

txt_Date = new JTextField();
txt_Date.setBounds(248, 216, 140, 20);
contentPane.add(txt_Date);
txt_Date.setColumns(10);

txt_Time = new JTextField();
txt_Time.setBounds(248, 258, 140, 20);
contentPane.add(txt_Time);
txt_Time.setColumns(10);

txt_Payment = new JTextField();
txt_Payment.setBounds(248, 299, 140, 20);
contentPane.add(txt_Payment);
txt_Payment.setColumns(10);

JButton btnUpdate = new JButton("Update");
btnUpdate.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent ae) {
        try{
            conn c = new conn();

            String s1 = c1.getSelectedItem();

            String s2 = txt_ID.getText(); //room_number;

            String s3 = txt_Status.getText(); //name

            String s4 = txt_Date.getText(); //status;

            String s5 = txt_Time.getText(); //deposit
```

```

c.s.executeUpdate("update customer set
room_number = '"+s2+"', name = '"+s3+"', status = '"+s4+"', deposit = '"+s5+"' where
number = '"+s1+"'");

JOptionPane.showMessageDialog(null, "Data
Updated Successfully");

new Reception().setVisible(true);

setVisible(false);

} catch (Exception ee) {

System.out.println(ee);

}

}

});

btnUpdate.setBounds(168, 378, 89, 23);

btnUpdate.setBackground(Color.BLACK);

btnUpdate.setForeground(Color.WHITE);

contentPane.add(btnUpdate);

JButton btnExit = new JButton("Back");

btnExit.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

new Reception().setVisible(true);

setVisible(false);

}

});

btnExit.setBounds(281, 378, 89, 23);

```

```

        btnExit.setBackground(Color.BLACK);
        btnExit.setForeground(Color.WHITE);
        contentPane.add(btnExit);

JButton btnAdd = new JButton("Check");
btnAdd.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try{
            String s1 = c1.getSelectedItem();
            conn c = new conn();
            ResultSet rs1 = c.s.executeQuery("select * from
customer where number = "+s1);

            while(rs1.next()){

txt_ID.setText(rs1.getString("room_number"));
txt_Status.setText(rs1.getString("name"));
txt_Date.setText(rs1.getString("status"));

txt_Time.setText(rs1.getString("deposit"));

}
} catch (Exception ee) {}

try{
String total = "";
conn c = new conn();
ResultSet rs2 = c.s.executeQuery("select * from
room where room_number = "+txt_ID.getText());
while(rs2.next()){
total = rs2.getString("price");
}
}

```

```
        }

        String paid = txt_Time.getText();

        int pending = Integer.parseInt(total)-
Integer.parseInt(paid);

txt_Payment.setText(Integer.toString(pending));

    } catch (Exception ee) {}

}

}) ;

btnAdd.setBounds(56, 378, 89, 23);

btnAdd.setBackground(Color.BLACK);

btnAdd.setForeground(Color.WHITE);

contentPane.add(btnAdd);

getContentPane().setBackground(Color.WHITE);

}

}

}
```

```
/*
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 * and open the template in the editor.
 */

package hotel.management.system;

import java.awt.BorderLayout;
import java.awt.*;
import java.sql.*;
import javax.swing.*;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import java.awt.Font;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class UpdateRoom extends JFrame {

    Connection conn = null;
    PreparedStatement pst = null;
    private JPanel contentPane;
    private JTextField txt_ID;
    private JTextField txt_Ava;
    private JTextField txt_Status;
    private JTextField txt_Room;
    Choice c1;
```

```
/**  
 * Launch the application.  
 */  
  
public static void main(String[] args) {  
  
    EventQueue.invokeLater(new Runnable() {  
  
        public void run() {  
  
            try {  
  
                UpdateRoom frame = new UpdateRoom();  
  
                frame.setVisible(true);  
  
            } catch (Exception e) {  
  
                e.printStackTrace();  
  
            }  
  
        }  
  
    });  
}  
  
public void close(){  
  
    this.dispose();  
}  
  
/**  
 * Create the frame.  
 * @throws SQLException  
 */  
  
public UpdateRoom() throws SQLException {  
  
    //conn = Javaconnect.getDBConnection();  
  
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
  
    setBounds(530, 200, 1000, 450);  
  
    contentPane = new JPanel();  
  
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
```

```

        setContentPane(contentPane);

        contentPane.setLayout(null);

        ImageIcon i1 = new
ImageIcon(ClassLoader.getSystemResource("hotel/management/system/icons/seventh
.jpg"));

        Image i3 = i1.getImage().getScaledInstance(550,
250,Image.SCALE_DEFAULT);

        ImageIcon i2 = new ImageIcon(i3);

        JLabel l1 = new JLabel(i2);

        l1.setBounds(400,80,600,250);

        add(l1);

        JLabel lblUpdateRoomStatus = new JLabel("Update Room Status");
        lblUpdateRoomStatus.setFont(new Font("Tahoma", Font.PLAIN, 20));
        lblUpdateRoomStatus.setBounds(85, 11, 206, 34);
        contentPane.add(lblUpdateRoomStatus);

        JLabel lblNewLabel = new JLabel("Guest ID:");
        lblNewLabel.setBounds(27, 87, 90, 14);
        contentPane.add(lblNewLabel);

        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(160, 84, 140, 20);

    contentPane.add(c1);

    JLabel lblAvailability = new JLabel("Availability:");
    lblAvailability.setBounds(27, 187, 90, 14);
    contentPane.add(lblAvailability);

    JLabel lblCleanStatus = new JLabel("Clean Status:");
    lblCleanStatus.setBounds(27, 240, 90, 14);
    contentPane.add(lblCleanStatus);

    txt_Ava = new JTextField();
    txt_Ava.setBounds(160, 184, 140, 20);
    contentPane.add(txt_Ava);
    txt_Ava.setColumns(10);

    txt_Status = new JTextField();
    txt_Status.setBounds(160, 237, 140, 20);
    contentPane.add(txt_Status);
    txt_Status.setColumns(10);

    txt_Room = new JTextField();
    txt_Room.setBounds(160, 130, 140, 20);
    contentPane.add(txt_Room);
    txt_Room.setColumns(10);

    JButton b1 = new JButton("Check");
    b1.addActionListener(new ActionListener() {
```

```

        public void actionPerformed(ActionEvent e) {
            try{
                String s1 = c1.getSelectedItem();
                conn c = new conn();
                ResultSet rs1 = c.s.executeQuery("select * from
customer where number = "+s1);

                while(rs1.next()){

txt_Room.setText(rs1.getString("room_number"));

                }
            }catch(Exception ee){}

            try{
                conn c = new conn();
                ResultSet rs2 = c.s.executeQuery("select * from
room where room_number = "+txt_Room.getText());
                while(rs2.next()){

txt_Ava.setText(rs2.getString("availability"));

                }
            }catch(Exception ee){}

        });

b1.setBounds(120, 315, 89, 23);

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

contentPane.add(b1);

JButton btnUpdate = new JButton("Update");

```

```

btnUpdate.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) throws
NumberFormatException {

    try{

        conn c = new conn();

        String str = "update room set clean_status =
'"+txt_Status.getText()+"' where room_number = "+txt_Room.getText();

        c.s.executeUpdate(str);

        JOptionPane.showMessageDialog(null,
"Update Sucessful");

        new Reception().setVisible(true);

        setVisible(false);

    }catch (Exception ee){

        ee.printStackTrace();

    }

}

});

btnUpdate.setBounds(60, 355, 89, 23);

btnUpdate.setBackground(Color.BLACK);

btnUpdate.setForeground(Color.WHITE);

contentPane.add(btnUpdate);

JButton btnExit = new JButton("Back");

btnExit.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) {

        new Reception().setVisible(true);

    }

});

```

```
        setVisible(false);

    }

});  
btnExit.setBounds(180, 355, 89, 23);  
btnExit.setBackground(Color.BLACK);  
btnExit.setForeground(Color.WHITE);  
contentPane.add(btnExit);  
  
JLabel lblRoomId = new JLabel("Room Number:");  
lblRoomId.setBounds(27, 133, 100, 14);  
contentPane.add(lblRoomId);  
  
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 java.sql.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

import net.proteanit.sql.DbUtils;

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

public class PickUp extends JFrame {
    Connection conn = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    JPanel contentPane;
    JTable table;
    Choice c1;
```

```

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

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

/***
 * Create the frame.
 * @throws SQLException
 */
public PickUp() throws SQLException {
    //conn = Javaconnect.getDBConnection();
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(530, 200, 800, 600);
}

```

```
contentPane = new JPanel();
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
setContentPane(contentPane);
contentPane.setLayout(null);

JLabel lblPickUpService = new JLabel("Pick Up Service");
lblPickUpService.setFont(new Font("Tahoma", Font.PLAIN, 20));
lblPickUpService.setBounds(90, 11, 158, 25);
contentPane.add(lblPickUpService);

JLabel lblTypeOfCar = new JLabel("Type of Car");
lblTypeOfCar.setBounds(32, 97, 89, 14);
contentPane.add(lblTypeOfCar);

c1 = new Choice();
try{
    conn c = new conn();
    ResultSet rs = c.s.executeQuery("select * from driver");
    while(rs.next()){
        c1.add(rs.getString("brand"));
    }
} catch(Exception e) { }
c1.setBounds(123, 94, 150, 25);
contentPane.add(c1);

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

```
lblInfo.setBounds(24, 208, 46, 14);

contentPane.add(lblInfo);

JButton btnRegister = new JButton("Display");
btnRegister.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        String SQL = "select * from driver where brand =
'"+c1.getSelectedItem()+"'";
        try{
            conn c = new conn();
            rs = c.s.executeQuery(SQL);
            table.setModel(DbUtils.resultSetToTableModel(rs));
        }catch (SQLException ss)
        {
            ss.printStackTrace();
        }
    }
});;
btnRegister.setBounds(200, 500, 120, 30);
btnRegister.setBackground(Color.BLACK);
btnRegister.setForeground(Color.WHITE);
contentPane.add(btnRegister);
```

```
 JButton btnExit = new JButton("Back");
btnExit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        new Reception().setVisible(true);
        setVisible(false);
    }
});

btnExit.setBounds(420, 500, 120, 30);
btnExit.setBackground(Color.BLACK);
btnExit.setForeground(Color.WHITE);

contentPane.add(btnExit);

table = new JTable();
table.setBounds(0, 233, 800, 250);
contentPane.add(table);

JLabel lblNewLabel = new JLabel("Age");
lblNewLabel.setBounds(165, 208, 46, 14);
contentPane.add(lblNewLabel);

JLabel lblGender = new JLabel("Gender");
lblGender.setBounds(264, 208, 46, 14);
contentPane.add(lblGender);

JLabel lblTypeOfDriver = new JLabel("Company");
lblTypeOfDriver.setBounds(366, 208, 80, 14);
contentPane.add(lblTypeOfDriver);

JLabel lblDateOfThe = new JLabel("Brand");
```

```
lblDateOfThe.setBounds(486, 208, 105, 14);  
contentPane.add(lblDateOfThe);  
  
JLabel lblAirport = new JLabel("Available");  
lblAirport.setBounds(600, 208, 86, 14);  
contentPane.add(lblAirport);  
  
JLabel lblAvailable = new JLabel("Location");  
lblAvailable.setBounds(700, 208, 73, 14);  
contentPane.add(lblAvailable);  
  
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 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;
    JPanel contentPane;
    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.getSystemResource("hotel/management/system/icons/sixth.j
pg"));

        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.getSystemResource("hotel/management/system/icons/tick.pn
g"));

        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);  
    }  
  
}
```