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# REQUIREMENT SPECIFICATION

User Requirements

There should be software which allocates rooms automatically and maintains records of customers.

System Requirements

There should be a database backup of the hotel management system. There should be a Java supported framework for the system. Operating system should be WindowsXP or a higher version of windows.

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.

* AWT API was introduced in JDK 1.0. Most of the AWT components have become obsolete and should be replaced by newer Swingcomponents.
* 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 JDK1.2.

For the development of this project both hardware and software were required. The hard required is any machine compatible for running the softwares and resources required.

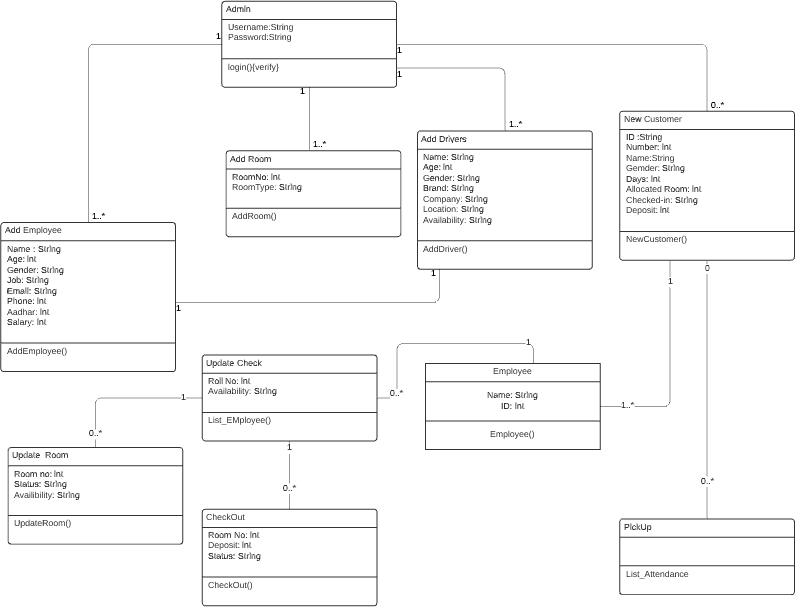
Software Requirements

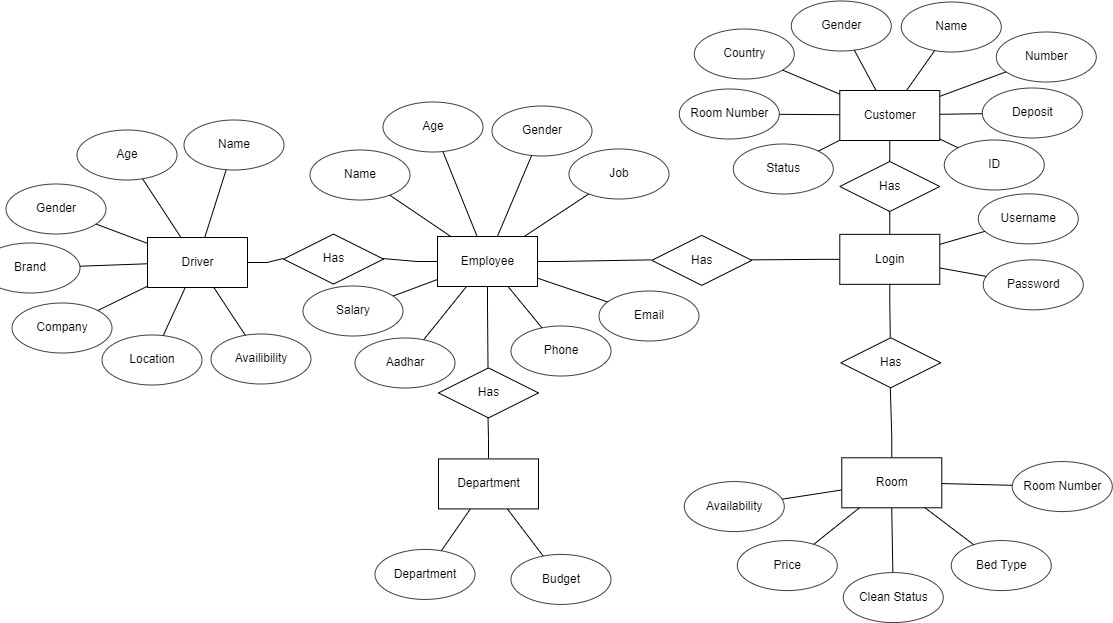
* + OperatingSystem Windows10
  + FrontEnd Java,NetBeans
  + BackEnd MySQL

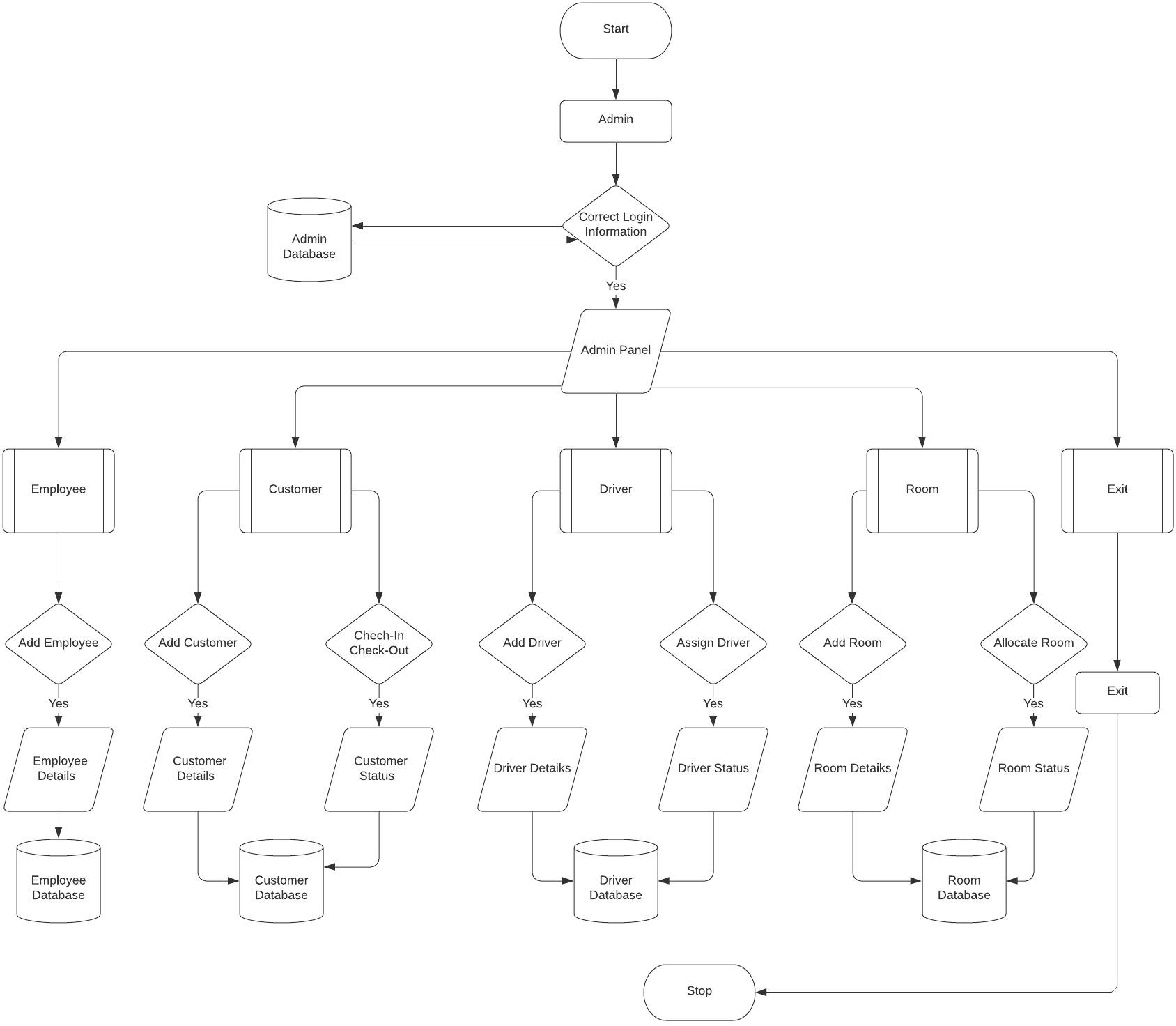
Hardware Requirements

* + Desktop PC or aLaptop
  + Printer
  + Operating System – Windows10
  + Intel® CoreTM i3-6006U CPU @2.00GHz
  + 4.00 GBRAM
  + 64-bit operating system, x64 basedprocessor
  + 1024 x 768 monitorresolution
  + Keyboard andMouse

Class Diagram







CODE

Connection

package hotel.management.system; import java.sql.\*;

public class conn {

public Connection conn; public Statement s;

public PreparedStatementpstmt; public conn(){

try{

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

String connectionurl="jdbc:mysql://localhost:3306/hms?user=root&password=9029059791"; conn=DriverManager.getConnection(connectionurl);

System.out.println("Connected"); s = conn.createStatement();

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

}

}

}

Hotel Management System (Main Page)

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){

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);

}

}

Login

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

l2 = newJLabel("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(newFont("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);

public void actionPerformed(ActionEvent ae){ if(ae.getSource()==b1){

try{

conn c1 = new conn(); String u = t1.getText(); String v = t2.getText();

Stringq="select\*fromloginwhereusername='"+u+"'andpassword='"+v+"'"; ResultSetrs =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);

}

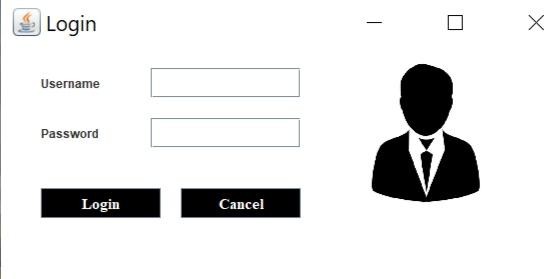
}

public static void main(String[] arg){

new Login();

}

}



Dashboard

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.jpg"));

Image i2 = i1.getImage().getScaledInstance(1950, 1000,Image.SCALE\_DEFAULT); ImageIcon i3 = new ImageIcon(i2);

JLabelNewLabel = new JLabel(i3); NewLabel.setBounds(0, 0, 1950, 1000);

add(NewLabel);

JLabelAirlineManagementSystem = 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);

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

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

menuBar.add(AirlineSystem);

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

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

menuBar.add(AirlineSystemHello);

JMenuItemFlightDetailshello1=newJMenuItem("ADDEMPLOYEE"); AirlineSystemHello.add(FlightDetailshello1);

FlightDetailshello1.addActionListener(newActionListener(){ public void actionPerformed(ActionEventae){

try{

new AddEmployee().setVisible(true);

}catch(Exception e ){}

}

});

JMenuItemFlightDetailshello2=newJMenuItem("ADDROOMS"); AirlineSystemHello.add(FlightDetailshello2);

FlightDetailshello2.addActionListener(newActionListener(){ public void actionPerformed(ActionEventae){

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 ){}

}

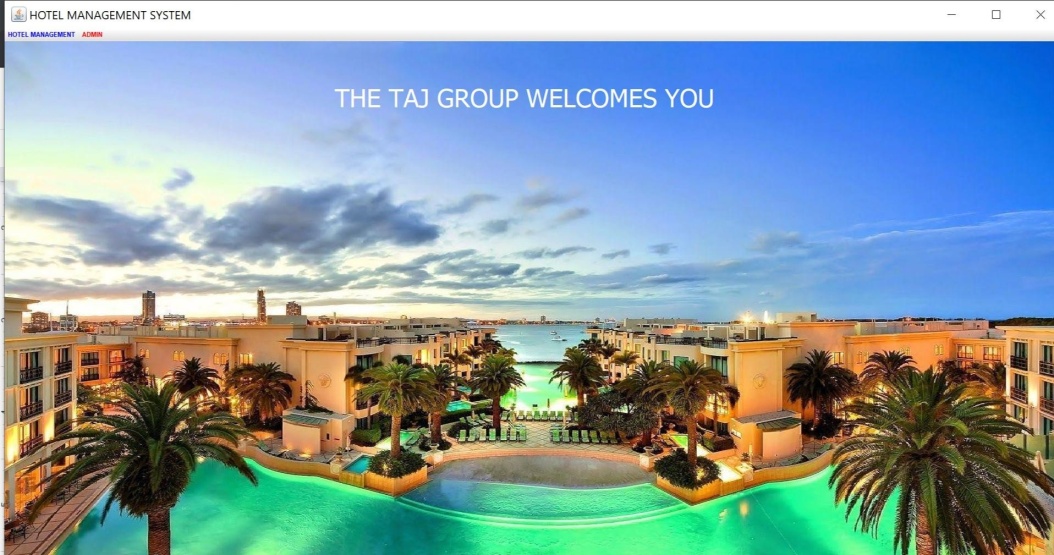
});

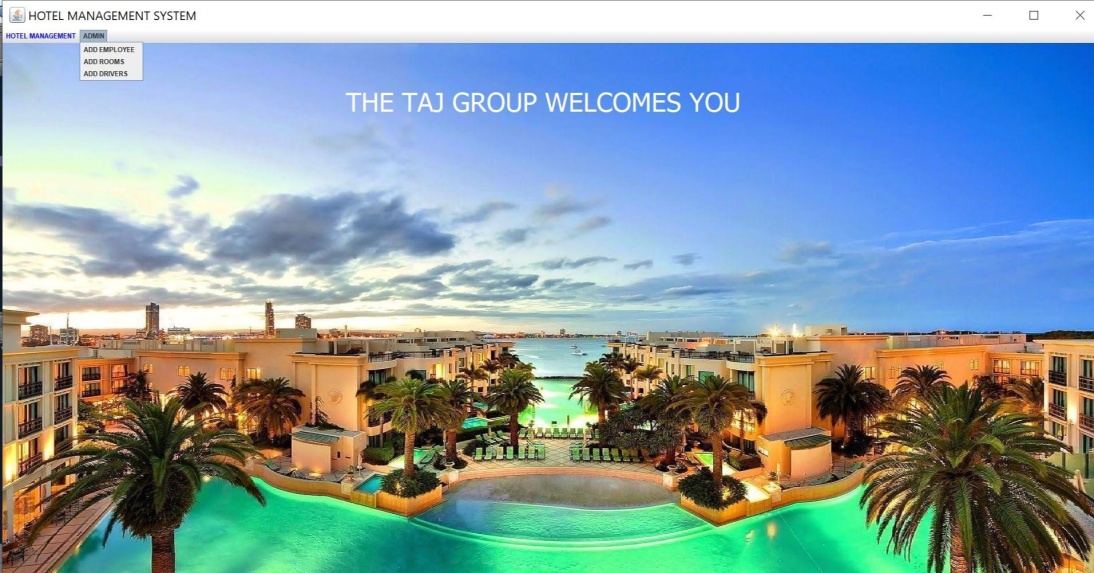
setSize(1950,1090); setVisible(true);

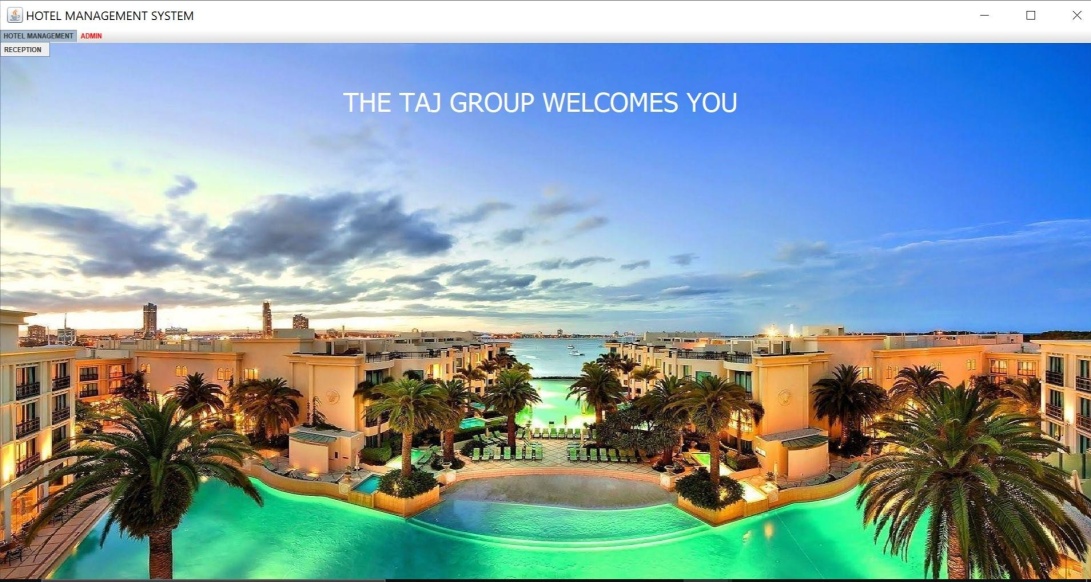
getContentPane().setBackground(Color.WHITE);

}

}







Reception

package hotel.management.system; import javax.swing.\*;

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

public class Reception extends JFrame { private JPanelcontentPane;

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);

JButtonbtnNewCustomerForm = 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); JButtonbtnNewButton = 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 = newDepartment(); 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);

JButtonbtnManagerInfo = 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){

//TODOAuto-generatedcatchblock 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);

JButtonbtnPickUpSerice = 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);

JButtonbtnSearchRoom = 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();

}

}

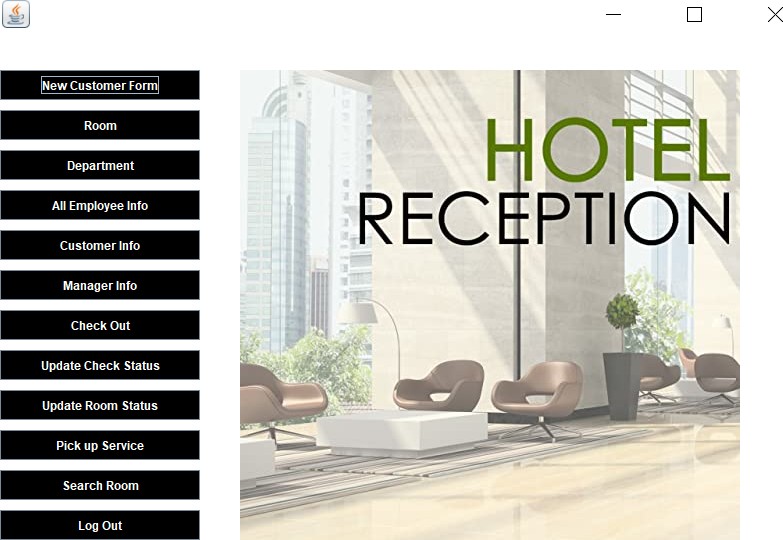
});

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);

}

}



New Customer Form

package hotel.management.system; import java.awt.BorderLayout; import java.awt.\*;

import java.awt.EventQueue;

importjavax.swing.border.EmptyBorder; importjava.awt.Font;

importjava.awt.Image; import java.sql.\*; importjavax.swing.\*;

importjava.awt.event.ActionListener; importjava.awt.event.ActionEvent;

public class NewCustomer extends JFrame{ Connection conn = null; PreparedStatementpst = null; private JPanelcontentPane;

private JTextField t1,t2,t3,t4,t5,t6; JComboBoxcomboBox; 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.png"));

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);

JLabellblName = new JLabel("NEW CUSTOMER FORM"); lblName.setFont(new Font("Yu Mincho", Font.PLAIN, 20)); lblName.setBounds(118, 11, 260, 53);

contentPane.add(lblName); JLabellblId = 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);

JLabellblGender = 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);

JLabellblCountry = new JLabel("Days :"); lblCountry.setBounds(35, 231, 200, 14); contentPane.add(lblCountry);

JLabellblReserveRoomNumber = new JLabel("Allocated Room Number :"); lblReserveRoomNumber.setBounds(35, 274, 200, 14); contentPane.add(lblReserveRoomNumber);

c1 = new Choice(); try{

conn c = new conn();

ResultSetrs = 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);

JLabellblCheckInStatus = new JLabel("Checked-In :"); lblCheckInStatus.setBounds(35, 316, 200, 14); contentPane.add(lblCheckInStatus);

JLabellblDeposite = 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);

JButtonbtnNewButton = 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+"')";

Stringq2="updateroomsetavailability='Occupied'whereroom\_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); JButtonbtnExit = new JButton("Back");

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

new Reception().setVisible(true); setVisible(false);

}

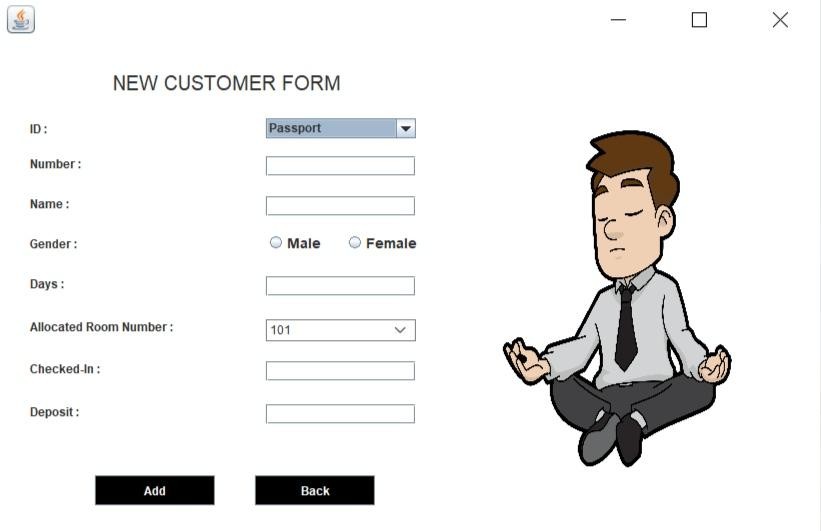
});

btnExit.setBounds(260, 430, 120, 30); btnExit.setBackground(Color.BLACK); btnExit.setForeground(Color.WHITE);

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

}

}



Room

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 JPanelcontentPane; private JTabletable;

private JLabellblAvailability; private JLabellblCleanStatus; private JLabellblNewLabel; private JLabel lblNewLabel\_1; private JLabellblRoomNumber; private JLabellblId;

/\*\*

\* 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.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);

JButtonbtnLoadData = new JButton("Load Data"); btnLoadData.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { try{

conn c = new conn();

String displayCustomersql = "select \* from Room";

//PreparedStatementpst = conn.prepareStatement(displayCustomersql);

ResultSetrs = 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);

JButtonbtnNewButton = new JButton("Back"); btnNewButton.addActionListener(new ActionListener() {

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

setVisible(false);

}

});

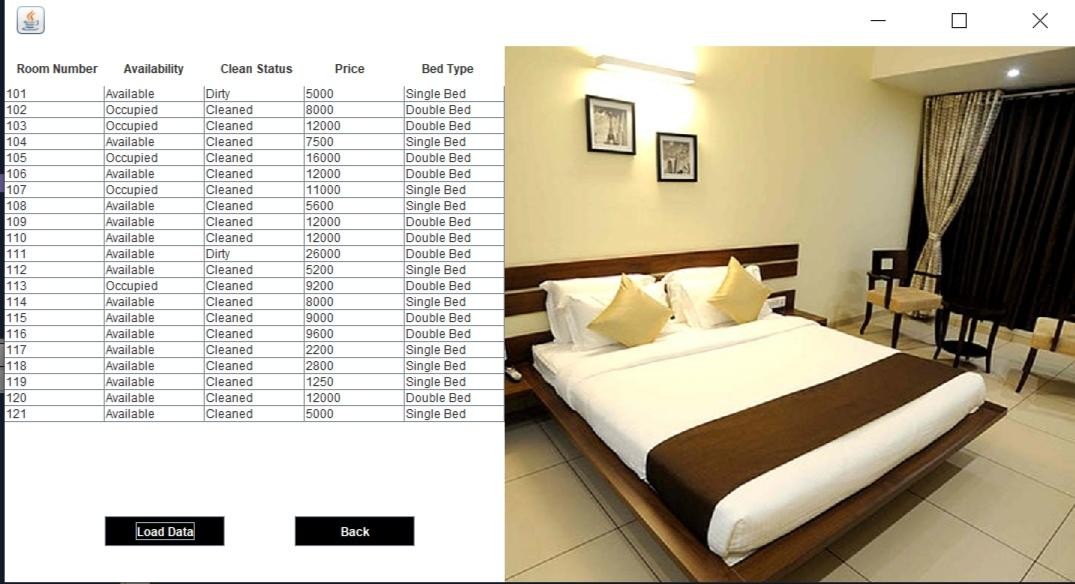
btnNewButton.setBounds(290, 470, 120, 30); btnNewButton.setBackground(Color.BLACK); btnNewButton.setForeground(Color.WHITE);

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);

}

}

Department

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 Department extends JFrame{

Connection conn = null; private JPanelcontentPane; private JTable table;

private JLabellblNewLabel; private JLabel lblNewLabel\_1;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() {

public void run() {

try {

Department frame = new Department(); frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

public void close()

{

this.dispose();

}

/\*\*

* Create theframe.
* @throwsSQLException

\*/

public Department() throws SQLException {

//conn = Javaconnect.getDBConnection(); setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); setBounds(600, 200, 700, 500);

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

table = new JTable(); table.setBounds(0, 40, 700, 350); contentPane.add(table);

JButtonbtnNewButton = new JButton("Load Data"); btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { try{

conn c = new conn();

String displayCustomersql = "select \* from Department"; ResultSetrs = c.s.executeQuery(displayCustomersql); table.setModel(DbUtils.resultSetToTableModel(rs));

}

catch (Exception e1){

e1.printStackTrace();

}

}

});

btnNewButton.setBounds(170, 410, 120, 30); btnNewButton.setBackground(Color.BLACK); btnNewButton.setForeground(Color.WHITE);

contentPane.add(btnNewButton);

JButton btnNewButton\_1 = new JButton("Back"); btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

new Reception().setVisible(true);

setVisible(false);

}

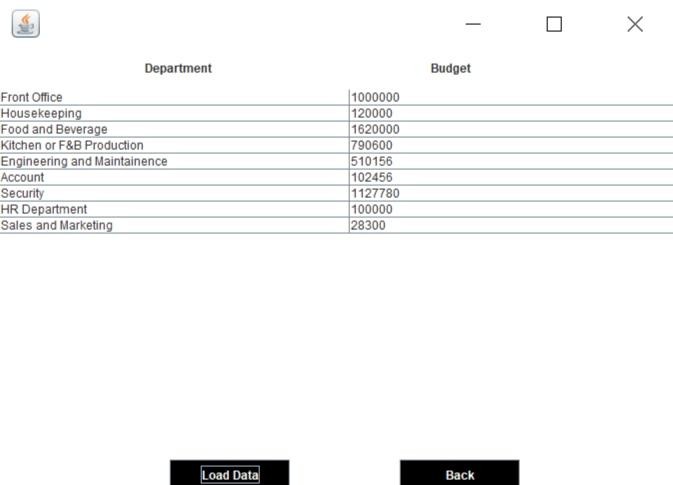
});

btnNewButton\_1.setBounds(400, 410, 120, 30); btnNewButton\_1.setBackground(Color.BLACK); btnNewButton\_1.setForeground(Color.WHITE);

contentPane.add(btnNewButton\_1); lblNewLabel = new JLabel("Department"); lblNewLabel.setBounds(145, 11, 105, 14); contentPane.add(lblNewLabel); lblNewLabel\_1 = new JLabel("Budget"); lblNewLabel\_1.setBounds(431, 11, 75, 14); contentPane.add(lblNewLabel\_1);

getContentPane().setBackground(Color.WHITE);

}

}

Employee

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 JPanelcontentPane; private JTable table;

private JLabellblNewLabel; private JLabellblJob; private JLabellblName;

private JLabellblDepartment;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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);

JButtonbtnLoadData = new JButton("Load Data"); btnLoadData.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { try{

conn c = new conn();

String displayCustomersql = "select \* from Employee"; ResultSetrs = 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);

JButtonbtnExit = 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");

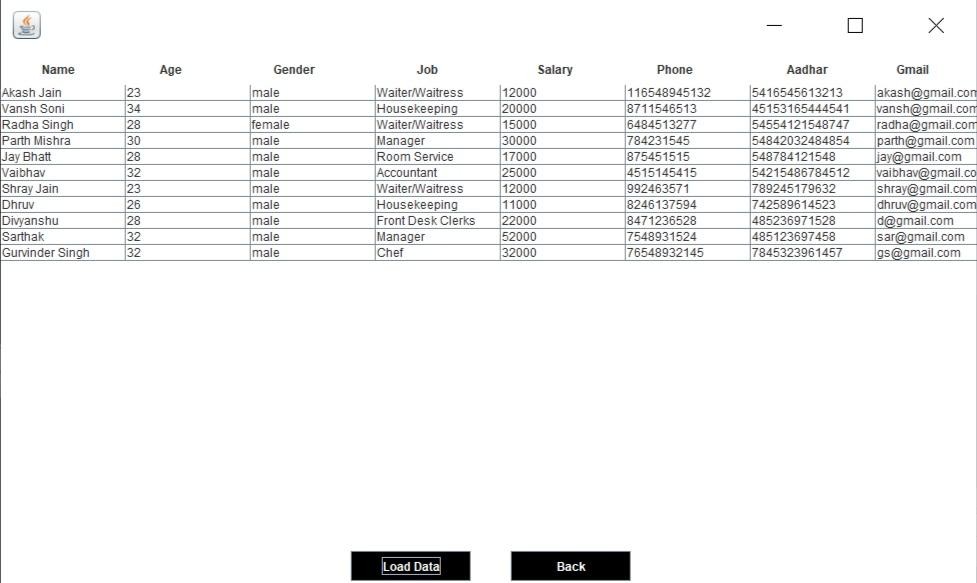
l2.setBounds(656, 11, 86, 14); contentPane.add(l2);

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);

}

}

Customer Info

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 JPanelcontentPane; private JLabellblId;

private JLabellblNewLabel; private JLabellblGender; private JTabletable;

private JLabellblCountry; private JLabellblRoom; private JLabellblStatus; private JLabel lblNewLabel\_1;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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);

JButtonbtnExit = 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);

JButtonbtnLoadData = new JButton("Load Data"); btnLoadData.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) { try{

conn c = new conn();

String displayCustomersql = "select \* from Customer"; ResultSetrs = 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);

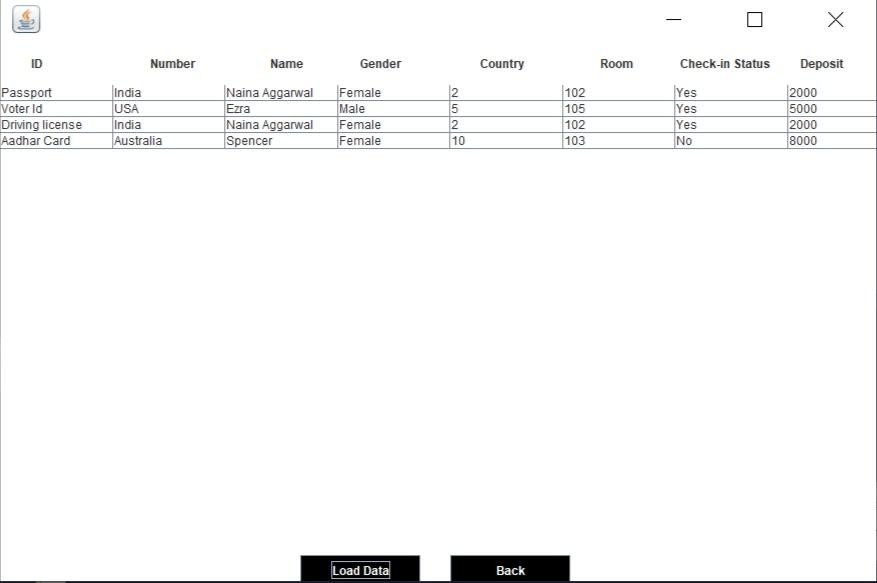
lblCountry = new JLabel("Country"); lblCountry.setBounds(480, 11, 46,14); contentPane.add(lblCountry); lblRoom = new JLabel("Room"); lblRoom.setBounds(600, 11, 46, 14); contentPane.add(lblRoom);

lblStatus = new JLabel("Check-inStatus"); lblStatus.setBounds(680, 11, 100, 14); contentPane.add(lblStatus); lblNewLabel\_1 = newJLabel("Deposit");

lblNewLabel\_1.setBounds(800, 11, 100, 14); contentPane.add(lblNewLabel\_1);

getContentPane().setBackground(Color.WHITE);

}

}

Manager Info

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 ManagerInfo extends JFrame { Connection conn = null;

private JPanelcontentPane; private JTable table;

private JLabellblNewLabel; private JLabellblJob; private JLabellblName;

private JLabellblDepartment;

/\*\*

* Launch theapplication.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() { public void run() {

try {

ManagerInfo frame = new ManagerInfo(); frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

public void close()

{

this.dispose();

}

/\*\*

* Create theframe.
* @throwsSQLException

\*/

public ManagerInfo() 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);

JButtonbtnLoadData = new JButton("Load Data"); btnLoadData.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { try{

conn c = new conn();

String displayCustomersql = "select \* from Employee where job =

'Manager'";

ResultSetrs = 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);

JButtonbtnExit = 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);

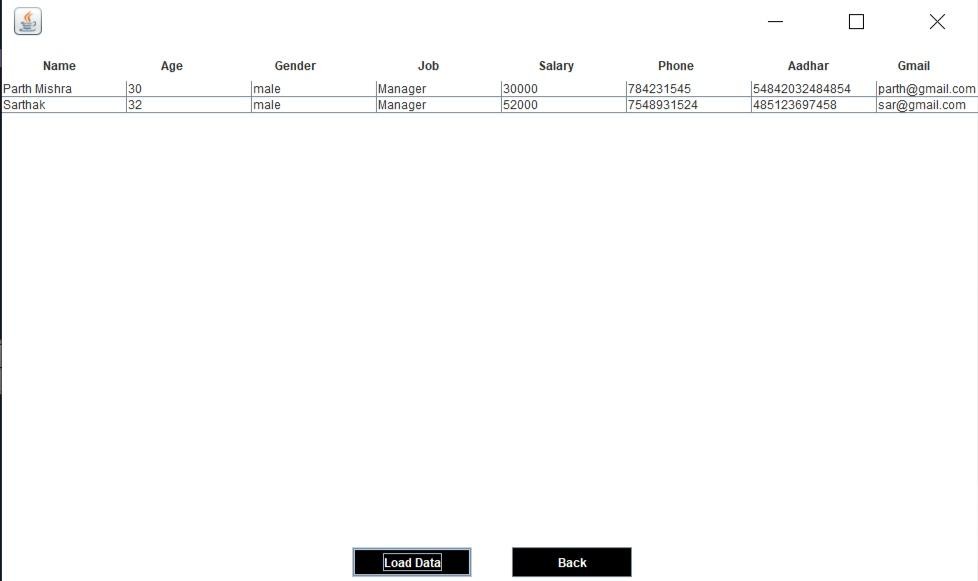
JLabel l2 = new JLabel("Phone"); l2.setBounds(656, 11, 86, 14); contentPane.add(l2);

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);

}

}

CheckOut

package hotel.management.system; import java.awt.BorderLayout; import java.awt.\*;

import java.awt.EventQueue; import java.sql.\*;

importjavax.swing.\*;

importjavax.swing.border.EmptyBorder; importjava.awt.Font;

import java.awt.event.\*;

import java.awt.event.ActionEvent; public class CheckOut extends JFrame{

Connection conn = null; PreparedStatementpst = null; private JPanelcontentPane; private JTextField t1;

Choice c1;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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.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);

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

JLabellblName = new JLabel("Number :"); lblName.setBounds(20, 85, 80, 14); contentPane.add(lblName);

c1 = new Choice(); try{

conn c = new conn();

ResultSetrs = 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.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();

ResultSetrs = 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){ }

}

});

JLabellblRoomNumber = 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);

JButtonbtnCheckOut = 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); JButtonbtnExit = newJButton("Back");

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

new Reception().setVisible(true);

setVisible(false);

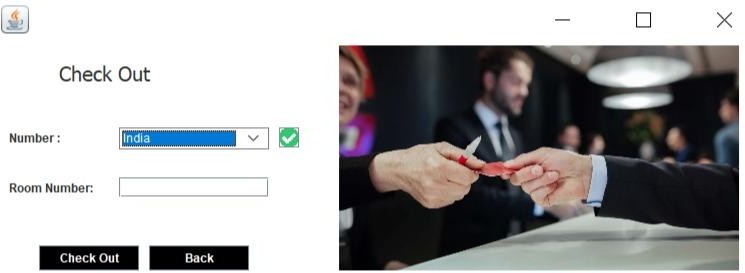
}

});

btnExit.setBounds(160, 200, 100, 25); btnExit.setBackground(Color.BLACK); btnExit.setForeground(Color.WHITE);

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

}

}

Update Check Status

package hotel.management.system; import java.awt.BorderLayout; import java.awt.\*;

import java.sql.\*; importjavax.swing.\*;

importjavax.swing.border.EmptyBorder; importjava.awt.Font;

importjava.awt.event.ActionListener; importjava.awt.event.ActionEvent;

public class UpdateCheck extends JFrame{ Connection conn = null; PreparedStatementpst = null; private JPanelcontentPane;

private JTextFieldtxt\_ID; private JTextFieldtxt\_Room; private JTextFieldtxt\_Status; private JTextFieldtxt\_Date; private JTextFieldtxt\_Time; private JTextFieldtxt\_Payment;

Choice c1, c2;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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);

JLabellblUpdateCheckStatus = 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.jpg"));

JLabel l1 = new JLabel(i1); l1.setBounds(450,70,476,270); add(l1);

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

c1 = new Choice(); try{

conn c = new conn();

ResultSetrs = 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(248, 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);

JLabellblNewLabel\_4=newJLabel("AmountPaid(Rs):"); lblNewLabel\_4.setBounds(25, 261, 107, 14); contentPane.add(lblNewLabel\_4);

JLabellblNewLabel\_5=newJLabel("PendingAmount(Rs):"); lblNewLabel\_5.setBounds(25, 302, 150, 14); contentPane.add(lblNewLabel\_5);

txt\_Status = new JTextField(); txt\_Status.setBounds(248, 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);

JButtonbtnUpdate = new JButton("Update"); btnUpdate.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try{

conn c = new conn(); int amt;

String s1 = c1.getSelectedItem();

Strings2=txt\_ID.getText();//room\_number; String s3 = txt\_Status.getText();//name

Strings4=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);

JButtonbtnExit = 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);

JButtonbtnAdd = 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 = newconn();

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){}

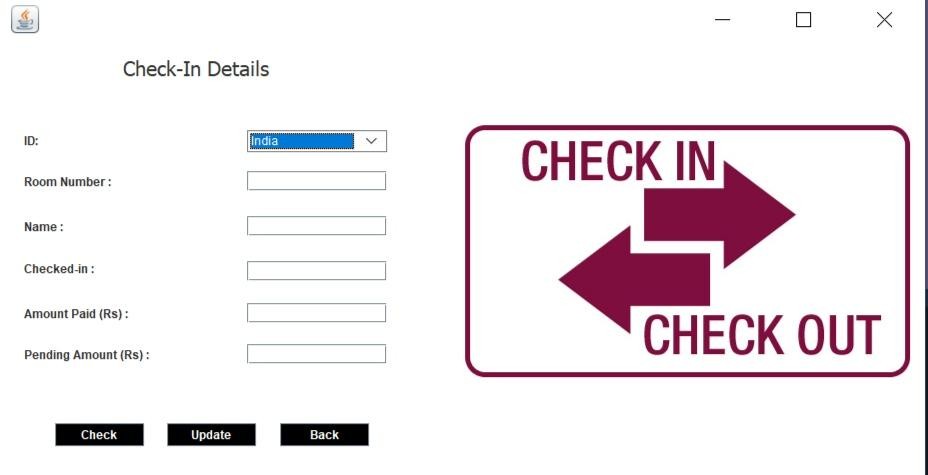
}

});

btnAdd.setBounds(56, 378, 89, 23); btnAdd.setBackground(Color.BLACK); btnAdd.setForeground(Color.WHITE);

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

}

}

Update Room Status

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; PreparedStatementpst =null;

private JPanelcontentPane; private JTextFieldtxt\_ID; private JTextFieldtxt\_Ava; private JTextFieldtxt\_Status; private JTextFieldtxt\_Room;

Choice c1;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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);

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

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

c1 = new Choice(); try{

conn c = new conn();

ResultSetrs = 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);

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

JLabellblCleanStatus = new JLabel("CleanStatus:"); 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")); txt\_Status.setText(rs2.getString("clean\_status"));

}

}catch(Exception ee){}

}

});

b1.setBounds(120, 315, 89, 23); b1.setBackground(Color.BLACK); b1.setForeground(Color.WHITE);

contentPane.add(b1);

JButtonbtnUpdate = 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);

JButtonbtnExit = new JButton("Back"); btnExit.addActionListener(new ActionListener() {

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

setVisible(false);

}

});

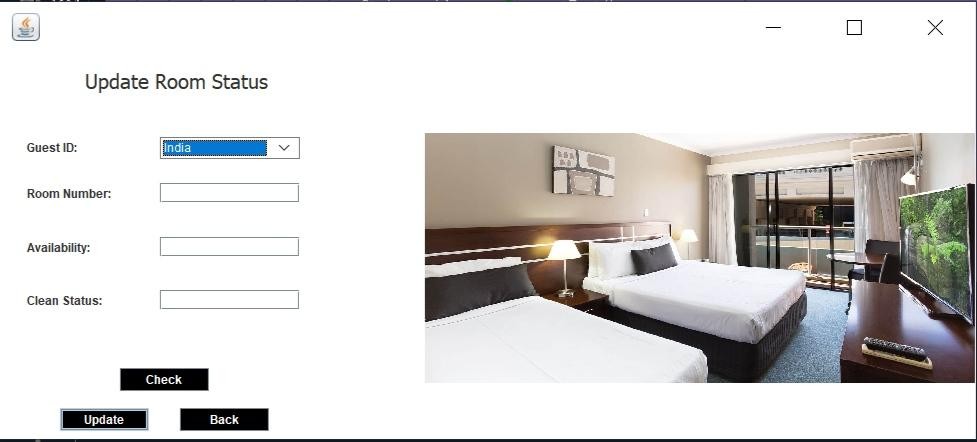
btnExit.setBounds(180, 355, 89, 23); btnExit.setBackground(Color.BLACK); btnExit.setForeground(Color.WHITE);

contentPane.add(btnExit);

JLabellblRoomId = new JLabel("Room Number:");

lblRoomId.setBounds(27, 133, 100, 14); contentPane.add(lblRoomId); getContentPane().setBackground(Color.WHITE);

}

}

Pick Up Service

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; PreparedStatementpst = null; ResultSetrs = null;

private JPanelcontentPane; private JTable table;

Choice c1;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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);

JLabellblPickUpService = new JLabel("Pick Up Service");

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

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

c1 = new Choice(); try{

conn c = new conn();

ResultSetrs = 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);

JLabellblInfo = new JLabel("Name"); lblInfo.setBounds(24, 208, 46, 14); contentPane.add(lblInfo);

JButtonbtnRegister = 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);

JButtonbtnExit = 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);

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

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

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

JLabellblDateOfThe = new JLabel("Brand"); lblDateOfThe.setBounds(486, 208, 105, 14); contentPane.add(lblDateOfThe);

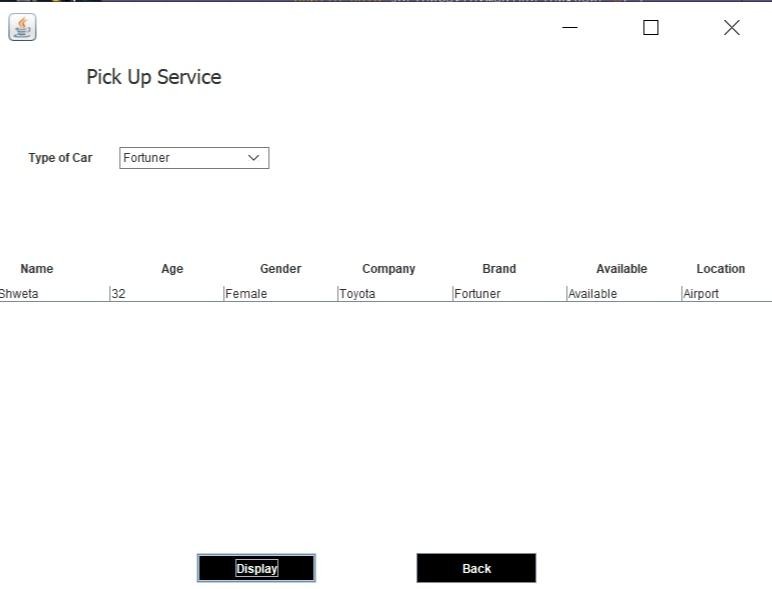
JLabellblAirport = new JLabel("Available"); lblAirport.setBounds(600, 208, 86, 14); contentPane.add(lblAirport);

JLabellblAvailable = new JLabel("Location"); lblAvailable.setBounds(700, 208, 73, 14); contentPane.add(lblAvailable);

getContentPane().setBackground(Color.WHITE);

}

}



Search Room

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;

importjava.awt.Font;

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

public class SearchRoom extends JFrame { Connection conn = null; PreparedStatementpst = null; ResultSetrs = null;

private JPanelcontentPane; private JTextFieldtxt\_Type; private JTabletable;

Choice c1;

/\*\*

* Launch theapplication.

\*/

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 theframe.
* @throwsSQLException

\*/

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);

JLabellblSearchForRoom = new JLabel("Search For Room"); lblSearchForRoom.setFont(new Font("Tahoma", Font.PLAIN, 20)); lblSearchForRoom.setBounds(250, 11, 186, 31); contentPane.add(lblSearchForRoom);

JLabellblRoomAvailable = new JLabel("Room Bed Type:"); lblRoomAvailable.setBounds(50, 73, 96, 14); contentPane.add(lblRoomAvailable);

JLabellblRoomType = 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);

JCheckBoxcheckRoom = 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);

JButtonbtnSearch = 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);

JButtonbtnExit = 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();

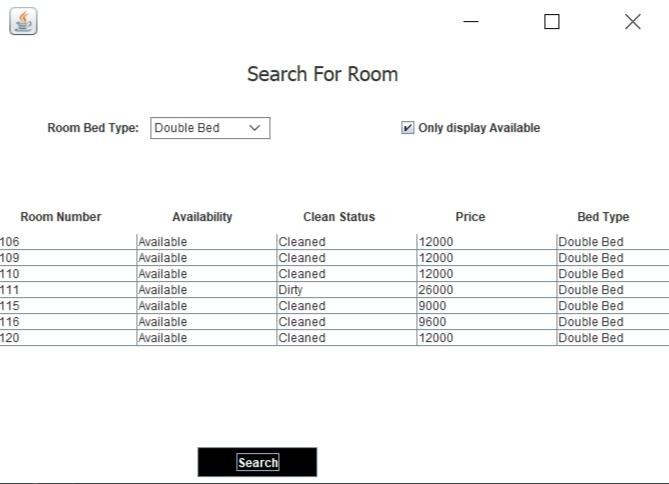
table.setBounds(0, 187, 700, 300); contentPane.add(table);

JLabellblCleanStatus = new JLabel("Clean Status"); lblCleanStatus.setBounds(306, 162, 96, 14); contentPane.add(lblCleanStatus);

getContentPane().setBackground(Color.WHITE);

}

}



AddEmployee

packagehotel.management.system; import java.awt.EventQueue; importjava.awt.\*;

importjava.awt.event.\*; import java.sql.\*; importjavax.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);

JLabelPassportno = 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 = newJButton("SAVE");

Next.setBounds(200, 420, 150, 30); Next.setBackground(Color.BLACK); Next.setForeground(Color.WHITE); add(Next);

JLabelPnrno = 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);

JRadioButtonNewRadioButton = 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","KitchenStaff","RoomService","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);

JLabelPhno = 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);

JLabelAddPassengers = 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.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(ActionEventae){ 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();

}

}

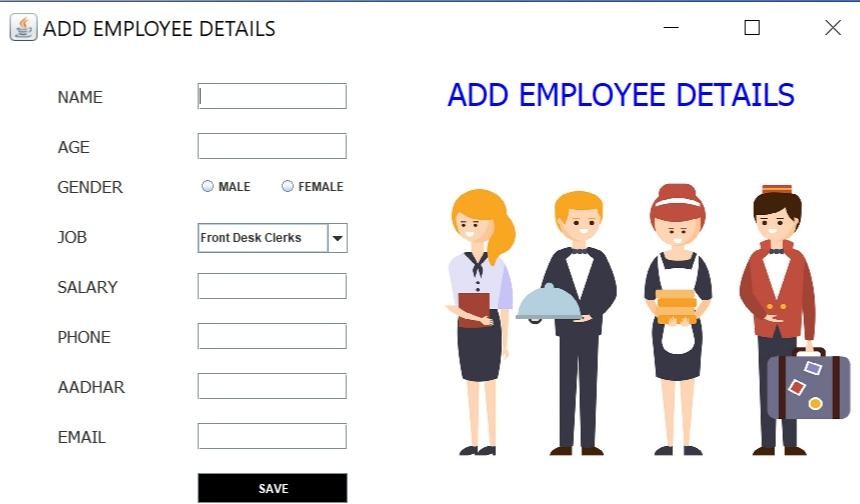
});

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

}

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

}

}

Add Rooms

package hotel.management.system; import java.awt.\*;

import javax.swing.\*; importjavax.swing.border.\*; import java.awt.event.\*; importjava.sql.\*;

importjava.util.\*;

public class AddRoom extends JFrame implements ActionListener{ private JPanelcontentPane;

private JTextField t1,t2,t3,t4;

private JComboBoxcomboBox, 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(newFont("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(newFont("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(newFont("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(newFont("Tahoma",Font.BOLD,14)); l5.setBounds(64, 230, 102, 22); contentPane.add(l5);

comboBox\_3=newJComboBox(newString[]{"SingleBed","DoubleBed"}); 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);

}

}

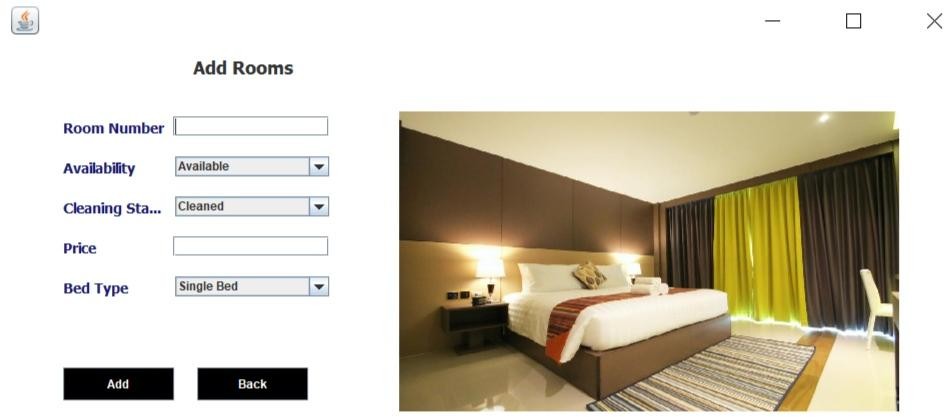
else if(ae.getSource() == b2){ this.setVisible(false);

}

}catch(Exception eee){

}

}

}

Add Drivers

package hotel.management.system; import java.awt.\*;

import javax.swing.\*; importjavax.swing.border.\*; import java.awt.event.\*; importjava.sql.\*;

importjava.util.\*;

public class AddDrivers extends JFrame implements ActionListener{ private JPanelcontentPane;

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

private JComboBoxcomboBox, 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(newFont("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(newFont("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(newFont("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(newFont("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(newFont("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,"DriverSuccessfullyAdded"); this.setVisible(false);

}catch(Exception ee){ System.out.println(ee);

}

}

else if(ae.getSource() == b2){

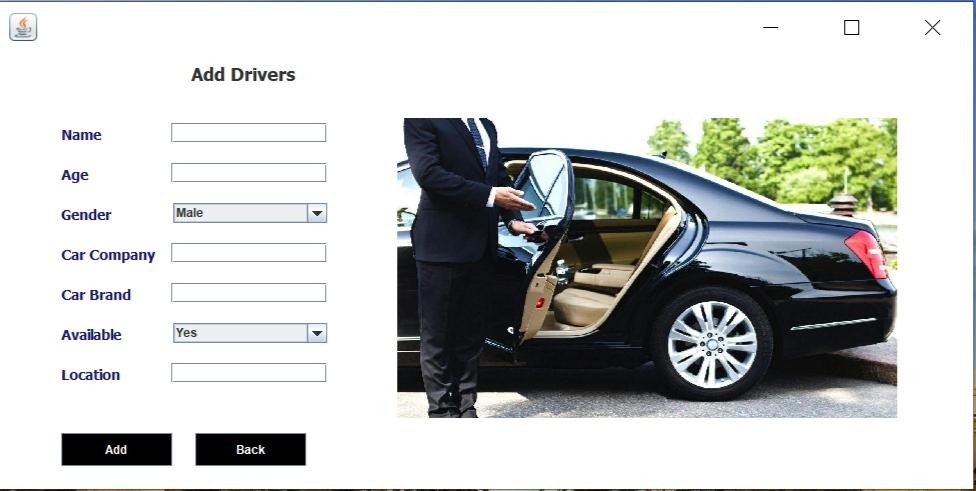
this.setVisible(false);

}

}catch(Exception eee){

}

}

}

DATABASE

create database hms; use hms;

Login Database

create table login(

username varchar(40), password varchar(40)

);

insert into login values('admin','12345');

Customer Database

create table customer( id varchar(30),

number varchar(30), name varchar(30),

gender varchar(30), country varchar(30),

room\_numbervarchar(30), status varchar(30),

deposit varchar(30)

);

Room Database

create table room(

room\_number varchar(20), availability varchar(20), clean\_status varchar(20),

price varchar(20),

bed\_type varchar(30)

);

Employee Database

create table employee( name varchar(30),

age varchar(10),

gender varchar(30), job varchar(30),

salary varchar(30), phone varchar(30), aadhar varchar(30), email varchar(40)

);

Driver Database

create table driver( name varchar(30),

age varchar(10),

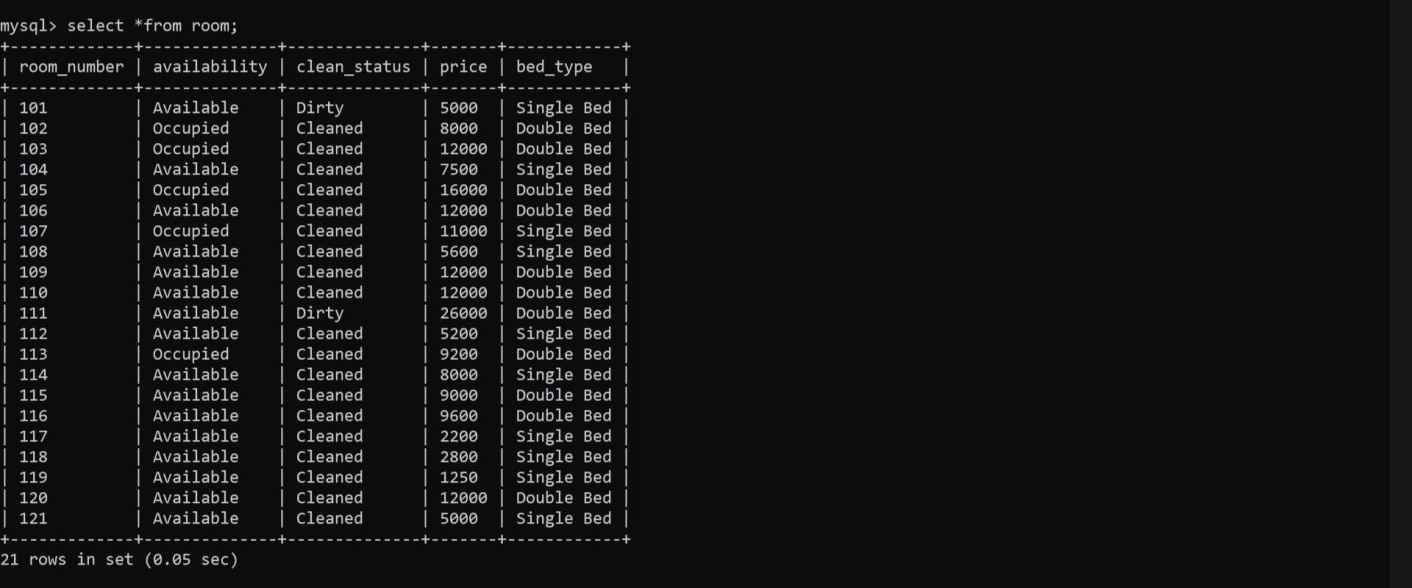
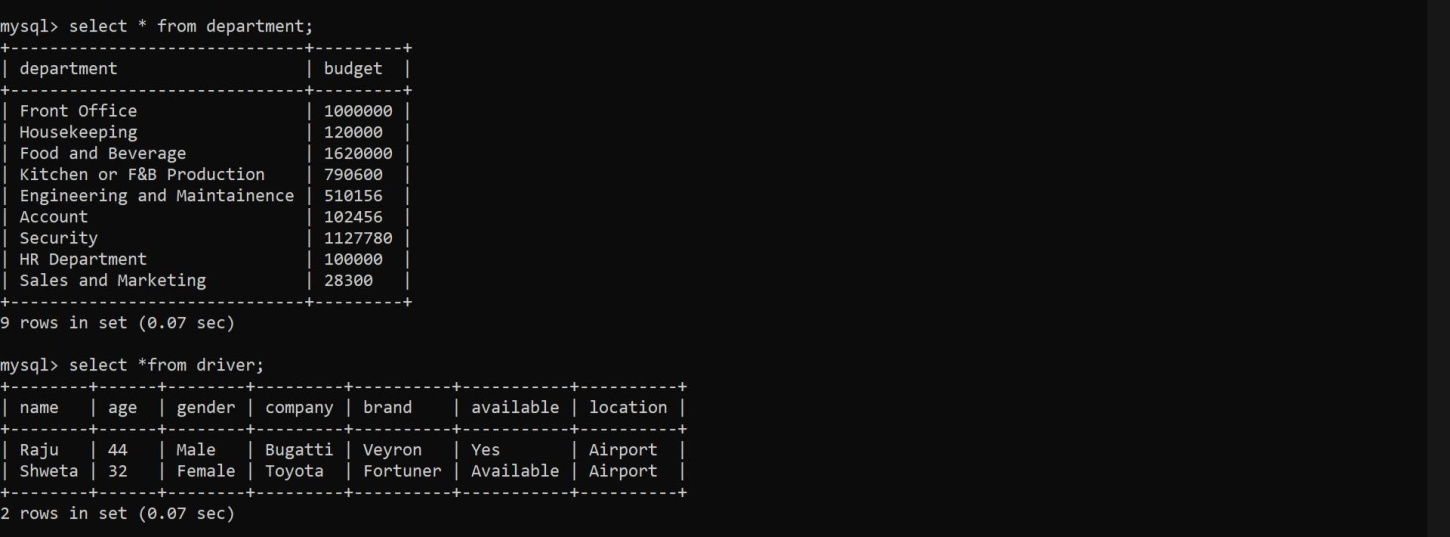
gender varchar(20), company varchar(30), brand varchar(30),

available varchar(10), location varchar(50)

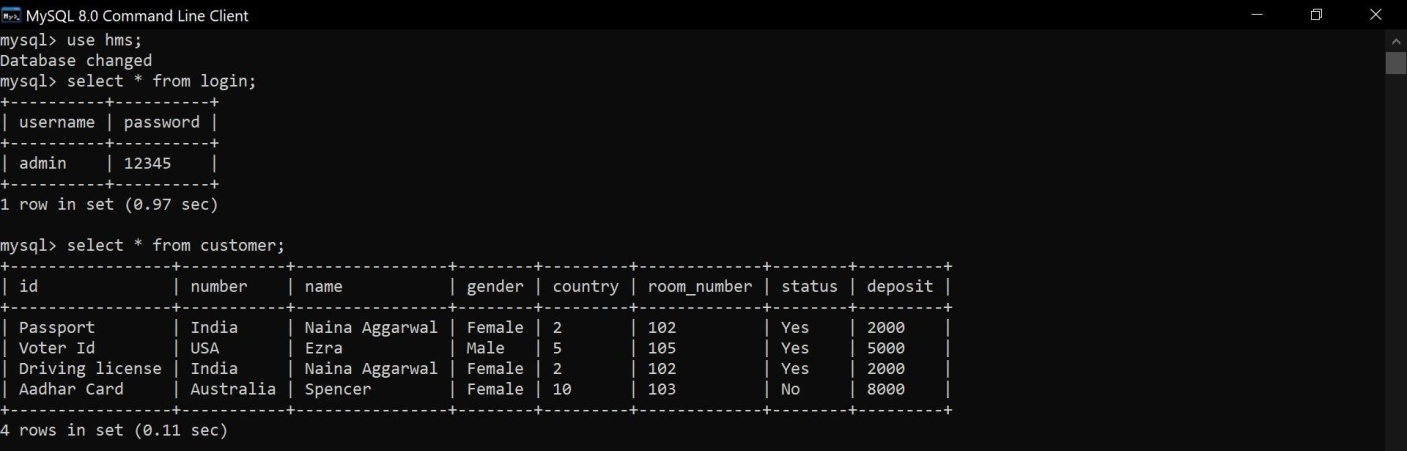
);

Department Databasecreate table department( department varchar(30), budget varchar(30)

);







**Testing**

*Unit Testing*

Unittestingisatestingtechniqueinwhichmodulesaretestedindividually.Smallindividual units of source code are tested to determine whether it is ﬁt to use or not. Diﬀerent modules of games are put to test while the modules are being developed. Here modules refer to individual levels, players,scenes

*Integration Testing*

Integration testing is the technique in which individual components or modules are groupedtogetherandtested.Itoccursaftertesting.Theinputfortheintegratedtesting, are the modules that have already been unittested.

*System Testing*

Systemtestingisconductedontheentiresystemasawholetocheckwhetherthesystem meetsitsrequirementsornot.‘ValarMorghulis’wasinstalledondiﬀerentsystemsandany errors or bugs that occurred wereﬁxed.

*Acceptance Testing*

User Acceptance is deﬁned as a type of testing performed by the Client to certify the systemwithrespecttotherequirementsthatwasagreedupon.Thistestinghappensinthe ﬁnalphaseoftestingbeforemovingthesoftwareapplicationtotheMarketorProduction environment.

# FUTURE SCOPE

The world is changing rapidly and so is the meaning of the Hotel Management System. Today hotel management is not only confined to hotels but has gone deep into tourism, catering, clubs, etc making it a very paying and an exciting career option.

With the rapid growth of the hotel industry pushed forward by foreign and domestic tourism and business travels, the demand for well trained and quality personnel too has gone up high. India is one of the preferred tourist and travel destinations. Approx 4.4 million tourists visit our country every year. The growth of 20% has been recorded in the tourist and hospitality industry over a few years and more growth is expected in coming years. At present, there are about 200 millions of jobs available in the industry, out of which 20% of the job opportunities are in India.

The Hotel Management System has a lot of enhancement options. In future more features may be added category-wise. It may try to analyze the user behaviour and preferences and accordingly suggest. All concepts can be applied to make the Hotel Management System more efficient.

REFERENCM

[www.youtube.com](http://www.youtube.com/)www.google .com