



कोविड-मुक्त ग्राम अभियान
Rural Covid Relief Mission

RURAL COVID RELIEF MISSION

JAVA AWT/SWING, MYSQL DATABASE



OOP project using Java Abstract Window Toolkit & Java Swing, to create a software for a Covid relief camp in a rural setting.

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Regards,



Chinmay Joshi
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Abstract

During the devastating Covid-19 pandemic, the whole world has seen mass death tolls. The pandemic has left us all in shock and separated us from our loved ones. For all governments and private hospitals, it has become a necessity to set up hospitals, skyrocket the supply of ventilators and beds and save people's lives. This can be achieved in major cities like Mumbai, Chennai, Coimbatore, Kolkata, etc. But if the Covid-19 spreads in small towns and villages, it is definitely a hectic task for the authorities and local people to contain the Covid-spread.

The setting up of hospitals and big health centers in all towns and villages is a tedious, very time consuming task, which also requires extra costs and efforts. In this project I discuss the concept of Abstract Window Toolkit in Java, and its advanced version - Java Swing, and I will show how these concepts can be used to develop a software for the management of a rural Covid relief camp, which can be set up using tents outside towns and villages, where electricity supply and other necessary arrangements can be made, for the conduction of the camp. The project aims to handle adding of tents, adding of patients, maintaining patient data in MySQL database, creating a Home to Camp service to bring patients to the camp, and maintaining the data of all employees working in the camp.

The Abstract Window Toolkit (AWT) is Java's original platform-dependent windowing, graphics, and user-interface widget toolkit, preceding Swing. The AWT is part of the Java Foundation Classes (JFC) — the standard API for providing a graphical user interface (GUI) for a Java program. AWT is also the GUI toolkit for a number of Java ME profiles. For example, Connected Device Configuration profiles require Java runtimes on mobile telephones to support the Abstract Window Toolkit.

The AWT provides two levels of APIs:

- A general interface between Java and the native system, used for windowing, events, and layout managers. This API is at the core of Java GUI programming and is also used by Swing and Java 2D. It contains:
 - The interface between the native windowing system and the Java application;
 - The core of the GUI event subsystem;
 - Several layout managers;
 - The interface to input devices such as mouse and keyboard; and
 - A `java.awt.datatransfer` package for use with the Clipboard and Drag and Drop.
- A basic set of GUI widgets such as buttons, text boxes, and menus. It also provides the AWT Native Interface, which enables rendering libraries compiled to native code to draw directly to an AWT Canvas object drawing surface.

AWT also makes some higher level functionality available to applications, such as:

- Access to the system tray on supporting systems; and
- The ability to launch some desktop applications such as web browsers and email clients from a Java application.

Where there is a Swing version of an AWT component it will begin with J- and should be used exclusively, replacing the AWT version. For example, in Swing, only use JButton, never Button class. As mentioned above, the AWT core classes, such as Color and Font, are still used as-is in Swing.

When drawing in Swing, use JPanel and override paintComponent(Graphics g) instead of using the AWT paint() methods.

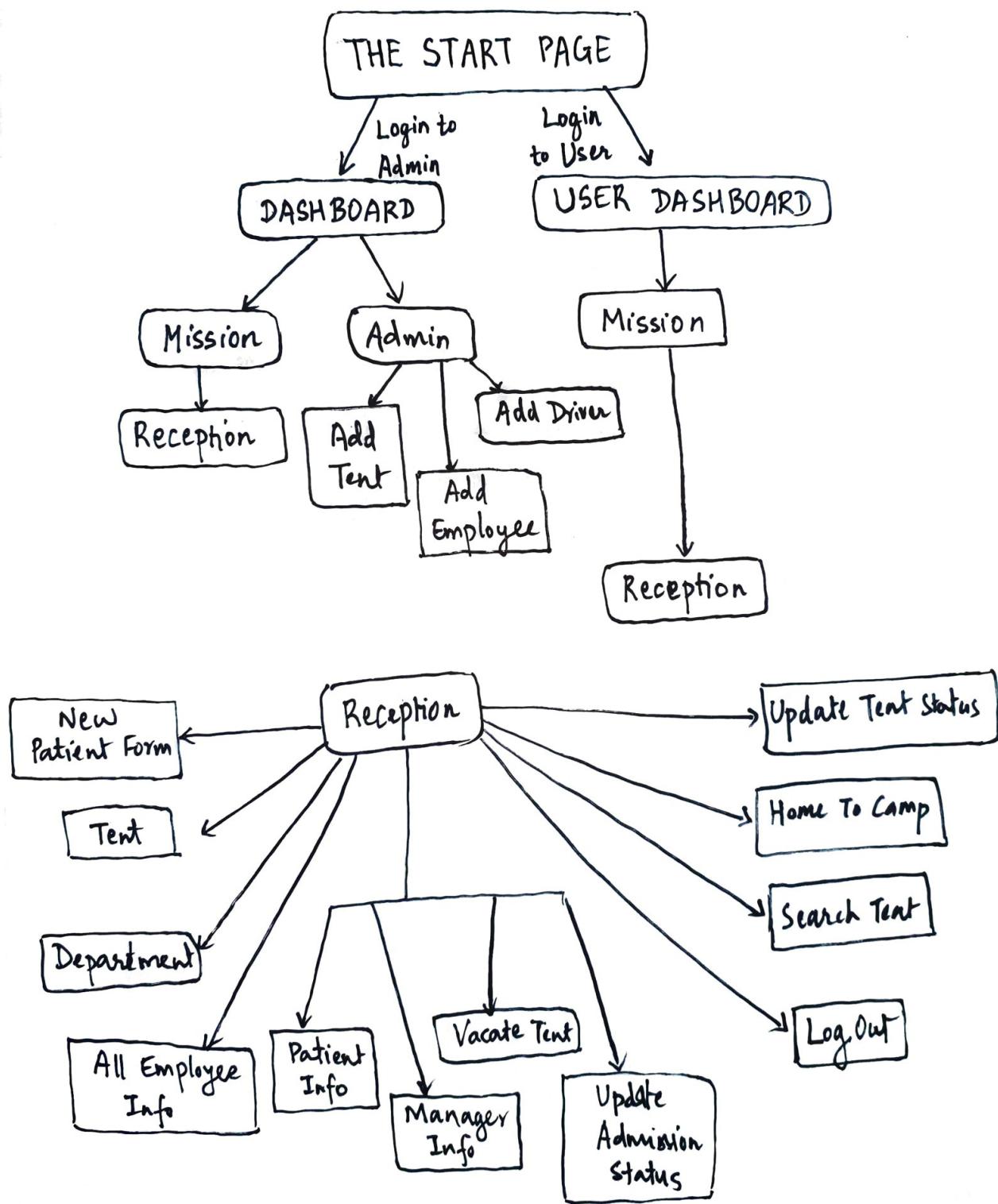
Prior to Java 6 Update 12, mixing Swing components and basic AWT widgets often resulted in undesired side effects, with AWT widgets appearing on top of the Swing widgets regardless of their defined z-order. This problem was because the rendering architecture of the two widget toolkits was very different, despite Swing borrowing heavyweight top containers from AWT.

Starting in Java 6 Update 12, it is possible to mix Swing and AWT widgets without having z-order problems.

As the AWT is a bridge to the underlying native user-interface, its implementation on a new operating system may involve a lot of work, especially if it involves any of the AWT GUI widgets, because each of them requires that its native peers be developed from scratch.

Rural Covid Relief Camp

Only the admin account has the access to adding new tents, new employees, and new drivers. But the regular work of filling new patient forms, arranging drivers to bring patients from their home to the camp, etc. can be handled by user account, which is made for other staff, especially receptionists to use.



```
package mission;
import mission.Login;
import java.awt.*;
import javax.swing.*;
import java.awt.event.*;

public class reliefMission extends JFrame implements ActionListener
{
    JLabel l1;
    JButton b1;
    public reliefMission()
    {
        setSize(1366,430);
        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("mission/icons/firstwithlogo.png"));
        Image i3 = i1.getImage().getScaledInstance(1366, 390,Image.SCALE_DEFAULT);
        ImageIcon i2 = new ImageIcon(i3);
        l1 = new JLabel(i2);

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

        b1.addActionListener(this);
        setVisible(true);
    }
    public void actionPerformed(ActionEvent ae)
    {
        new Login().setVisible(true);
        this.setVisible(false);
    }
}
```

```
public static void main(String[] args)
{
    reliefMission window = new reliefMission();
    window.setVisible(true);
}
```



```
package mission;

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

public class Login extends JFrame implements ActionListener
{
    JLabel l1,l2;
    JTextField t1;
    JPasswordField t2;
    JButton b1,b2;

    Login()
    {
        super("Login");
        setLayout(null);

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

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

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

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

```
ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("mission/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);

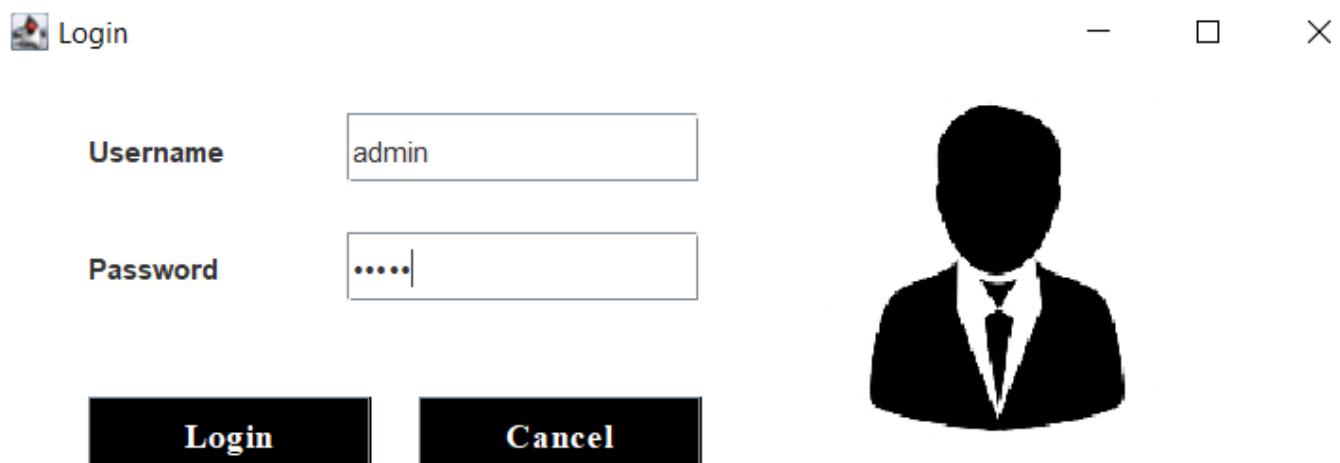
setVisible(true);
setSize(600,300);
setLocation(600,350);

}

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

```
try{
    conn c1 = new conn();
    String u = t1.getText();
    String v = t2.getText();
    if(u.equals("admin") && v.equals("12345"))
    {
        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);
        }
    }
    else
    {
        String q = "select * from login where username='"+u+"' and password='"+v+"'";
        ResultSet rs = c1.s.executeQuery(q);
        if(rs.next())
        {
            new userDashboard().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();  
}  
}
```



```
package mission;
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("RURAL COVID RELIEF MISSION");
        setForeground(Color.CYAN);
        setLayout(null);
        ImageIcon i1 = new
ImageIcon(ClassLoader.getSystemResource("mission/icons/third.jpg"));
        Image i2 = i1.getImage().getScaledInstance(1950, 1000,Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel NewLabel = new JLabel(i3);
        NewLabel.setBounds(0, 0, 1950, 1000);
        add(NewLabel);

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

        JMenu sys = new JMenu("MISSION");
        sys.setForeground(Color.BLUE);
        menuBar.add(sys);

        JMenuItem entry = new JMenuItem("RECEPTION");
        sys.add(entry);

        JMenu sysHello1 = new JMenu("ADMIN");
        sysHello1.setForeground(Color.RED);
        menuBar.add(sysHello1);
    }
}
```

```
JMenuItem entryhello1 = new JMenuItem("ADD EMPLOYEE");
syshello1.add(entryhello1);

entryhello1.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent ae)
    {
        try
        {
            new AddEmployee().setVisible(true);
        }
        catch(Exception e )
        {

        }
    }
});

JMenuItem syshello2 = new JMenuItem("ADD TENTS");
syshello1.add(syshello2);

syshello2.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent ae)
    {
        try
        {
            new AddTent().setVisible(true);
        }
        catch(Exception e )
        {

        }
    }
});

entry.addActionListener(new ActionListener()
{
```

```

public void actionPerformed(ActionEvent ae)
{
new Reception();
}
});

JMenuItem syshello3 = new JMenuItem("ADD DRIVERS");
syshello1.add(syshello3);
syshello3.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);
}
}

```



```
package mission;

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

public class userDashboard extends JFrame
{
    public static void main(String[] args) {
        new userDashboard().setVisible(true);
    }
    public userDashboard()
    {
        super("RURAL COVID RELIEF MISSION");
        setForeground(Color.CYAN);
        setLayout(null);
        ImageIcon i1 = new
ImageIcon(ClassLoader.getSystemResource("mission/icons/third.jpg"));
        Image i2 = i1.getImage().getScaledInstance(1950, 1000,Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel NewLabel = new JLabel(i3);
        NewLabel.setBounds(0, 0, 1950, 1000);
        add(NewLabel);

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

        JMenu sys = new JMenu("MISSION");
        sys.setForeground(Color.BLUE);
        menuBar.add(sys);

        JMenuItem entry = new JMenuItem("RECEPTION");
        sys.add(entry);
```

```
entry.addActionListener(new ActionListener()
{
public void actionPerformed(ActionEvent ae)
{
new Reception();
}
});
setSize(1950,1090);
setVisible(true);
getContentPane().setBackground(Color.WHITE);
}
}
```



Add Drivers (Admin Access)

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

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

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

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

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

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

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

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

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

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

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

JLabel l5 = new JLabel("Car Number");
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);
}
}
catch(Exception eee)
{
}
}
}

```

Add Drivers

| | |
|-------------|---------------------------------------|
| Name | <input type="text"/> |
| Age | <input type="text"/> |
| Gender | Male <input type="button" value="▼"/> |
| Car Company | <input type="text"/> |
| Car Number | <input type="text"/> |
| Available | Yes <input type="button" value="▼"/> |
| Location | <input type="text"/> |



Add Employees (Admin Access)

```
package mission;

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

public class AddEmployee extends JFrame
{
    //Third Frame
    JTextField textField,textField_1,textField_2,textField_3,textField_4,textField_5,textField_6;
    JComboBox c1;
    public AddEmployee()
    {
        getContentPane().setForeground(Color.BLUE);
        getContentPane().setBackground(Color.WHITE);
        setTitle("ADD EMPLOYEE DETAILS");
        setDefaultCloseOperation(JFrame.HIDE_ON_CLOSE);
        setSize(778,486);
        getContentPane().setLayout(null);
        JLabel Passportno = new JLabel("NAME");
        Passportno.setFont(new Font("Tahoma", Font.PLAIN, 17));
        Passportno.setBounds(60, 30, 150, 27);
        add(Passportno);
        textField = new JTextField();
        textField.setBounds(200, 30, 150, 27);
        add(textField);
        JButton Next = new JButton("SAVE");
        Next.setBounds(200, 420, 150, 30);
        Next.setBackground(Color.BLACK);
        Next.setForeground(Color.WHITE);
        add(Next);
        JLabel Pnrno = new JLabel("AGE");
        Pnrno.setFont(new Font("Tahoma", Font.PLAIN, 17));
        Pnrno.setBounds(60, 80, 150, 27);
        add(Pnrno);
        textField_1 = new JTextField();
        textField_1.setBounds(200, 80, 150, 27);
```

```
add(textField_1);
JLabel Gender = new JLabel("GENDER");
Gender.setFont(new Font("Tahoma", Font.PLAIN, 17));
Gender.setBounds(60, 120, 150, 27);
add(Gender);
JRadioButton NewRadioButton = new JRadioButton("MALE");
NewRadioButton.setBackground(Color.WHITE);
NewRadioButton.setBounds(200, 120, 70, 27);
add(NewRadioButton);
JRadioButton Female = new JRadioButton("FEMALE");
Female.setBackground(Color.WHITE);
Female.setBounds(280, 120, 70, 27);
add(Female);
JLabel Address = new JLabel("JOB");
Address.setFont(new Font("Tahoma", Font.PLAIN, 17));
Address.setBounds(60, 170, 150, 27);
add(Address);
String course[] = {"ENT Specialist", "Doctor", "Physical Therapist", "Lab
Technician", "Dietician", "Pharmacist", "Nurse", "Cleaner", "Manager", "Accountant", "Assistant"};
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("AADHAAR");
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 AddPass = new JLabel("ADD EMPLOYEE DETAILS");
AddPass.setForeground(Color.BLUE);
AddPass.setFont(new Font("Tahoma", Font.PLAIN, 31));
AddPass.setBounds(450, 24, 442, 35);
add(AddPass);
ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("mission/icons/tenth.jpg"));
Image i3 = i1.getImage().getScaledInstance(500, 500, Image.SCALE_DEFAULT);
ImageIcon i2 = new ImageIcon(i3);
JLabel image = new JLabel(i2);
image.setBounds(410, 80, 480, 410);
add(image);

```

```

Next.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent ae)
    {
        String name = textField.getText();
        String age = textField_1.getText();
        String salary = textField_3.getText();
        String phone = textField_4.getText();
        String aadhaar = 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+", "+aadhaar+", "+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 EMPLOYEE DETAILS

| | |
|-------------|---|
| NAME | <input type="text" value="Rajesh Shetty"/> |
| AGE | <input type="text" value="40"/> |
| GENDER | <input checked="" type="radio"/> MALE <input type="radio"/> FEMA... |
| JOB | <input type="text" value="Dietician"/> |
| SALARY | <input type="text" value="60000"/> |
| PHONE | <input type="text" value="5795979468"/> |
| AADHAAR | <input type="text" value="123450987634567"/> |
| EMAIL | <input type="text" value="rajesh@shetty.com"/> |
| SAVE | |



ADD EMPLOYEE DETAILS

Add Tent (Admin Access)

```
package mission;
import java.awt.*;
import javax.swing.*;
import java.awt.event.*;

public class AddTent 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 AddTent().setVisible(true);
    }
    public AddTent()
    {
        setBounds(450, 200, 1000, 450);
        contentPane = new JPanel();
        setContentPane(contentPane);
        contentPane.setLayout(null);
        ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("mission/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 Tents");
        l10.setFont(new Font("Tahoma", Font.BOLD, 18));
        l10.setBounds(194, 10, 120, 22);
        contentPane.add(l10);
        JLabel l1 = new JLabel("Tent 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[] { "Vacant", "Occupied" });
comboBox.setBounds(176, 110, 154, 20);
contentPane.add(comboBox);
JLabel l3 = new JLabel("Ready 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[] { "Ready", "Not yet ready" });
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);
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 tent = t4.getText();
            String available = (String)comboBox.getSelectedItem();
            String status = (String)comboBox_2.getSelectedItem();
            String price = t2.getText();
            String str = "INSERT INTO tent values( '"+tent+"','"+available+"",
            "+status+','"+price+"')";
            c.s.executeUpdate(str);
            JOptionPane.showMessageDialog(null, "Tent Successfully Added");
            this.setVisible(false);
        }
        catch(Exception ee)
        {System.out.println(ee);}
    }
    else if(ae.getSource() == b2) { this.setVisible(false);}
}catch(Exception eee)
{}
}
}
}

```

Add Tents

| | |
|--------------|-------------------------------------|
| Tent Number | <input type="text" value="2"/> |
| Availability | <input type="text" value="Vacant"/> |
| Ready Status | <input type="text" value="Ready"/> |
| Price | <input type="text" value="200"/> |

Add **Back**

```
package mission;

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("mission/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 btnNewPatientForm = new JButton("New Patient Form");
        btnNewPatientForm.addActionListener(new ActionListener()
        {
            public void actionPerformed(ActionEvent e)
            {
                try
                {
                    NewPatient custom = new NewPatient();
                    custom.setVisible(true);
                    setVisible(false);
                }
            }
        });
    }
}
```

```

        catch(Exception e1)
        {
            e1.printStackTrace();
        }
    });
btnNewPatientForm.setBounds(10, 30, 200, 30);
btnNewPatientForm.setBackground(Color.BLACK);
btnNewPatientForm.setForeground(Color.WHITE);
contentPane.add(btnNewPatientForm);

JButton btnNewButton = new JButton("Tent");
btnNewButton.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent arg0)
    { try
        {Tent tent = new Tent();
         tent.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("Patient Info");
btnNewButton_3.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent e)
    {
        try
        {

```

```

PatientInfo customer = new PatientInfo();
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("Vacate Tent");
btnNewButton_4.addActionListener(new ActionListener()
{

```

```

public void actionPerformed(ActionEvent e)
{
    VacateTent check;
    try
    {
        check = new VacateTent();
        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 Admit Status");
btnNewButton_5.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent e)
    {
        try
        {
            UpdateAdmit update = new UpdateAdmit();
            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_6);

JButton btnHomeToCamp = new JButton("Home To Camp");
btnHomeToCamp.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent arg0)
    {
        try
        {
            HomeToCamp pick = new HomeToCamp();
            pick.setVisible(true);
            setVisible(false);
        }
        catch(Exception e)
        {
            e.printStackTrace();
        }
    }
});
btnHomeToCamp.setBounds(10, 390, 200, 30);
btnHomeToCamp.setBackground(Color.BLACK);
btnHomeToCamp.setForeground(Color.WHITE);
contentPane.add(btnHomeToCamp);
JButton btnSearchTent = new JButton("Search Tent");
btnSearchTent.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent e)
    {
        try
        {
            SearchTent search = new SearchTent();
            search.setVisible(true);
            setVisible(false);
        }
        catch (Exception ss)
        {
            ss.printStackTrace();
        }
    }
});
});
```

```

btnSearchTent.setBounds(10, 430, 200, 30); btnSearchTent.setBackground(Color.BLACK);
btnSearchTent.setForeground(Color.WHITE); contentPane.add(btnSearchTent);
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 Patient Form

```
package mission;

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

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 NewPatient 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
                {NewPatient frame = new NewPatient();
                    frame.setVisible(true);
                }
                catch (Exception e)
                {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

```
public NewPatient() throws SQLException
{
    setBounds(530, 200, 850, 550);
    contentPane = new JPanel();
    setContentPane(contentPane);
    contentPane.setLayout(null);
    ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("mission/icons/fifth.jpg"));
    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("PATIENT ADMIT 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", "Aadhaar 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 lblReserveTentNumber = new JLabel("Allocated Tent Number :");
lblReserveTentNumber.setBounds(35, 274, 200, 14);
contentPane.add(lblReserveTentNumber);
c1 = new Choice();
try
{
    conn c = new conn();
    ResultSet rs = c.s.executeQuery("select * from tent");
    while(rs.next())
    {
        c1.add(rs.getString("tent_number"));
    }
}
catch(Exception e)
{
}

c1.setBounds(271, 274, 150, 20);
contentPane.add(c1);
JLabel lblAdmitStatus = new JLabel("Patient Admit Status :");
lblAdmitStatus.setBounds(35, 316, 200, 14);
contentPane.add(lblAdmitStatus);

```

```

JLabel lblDeposit = new JLabel("Deposit :");
lblDeposit.setBounds(35, 359, 200, 14);
contentPane.add(lblDeposit);
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 patient
values("+s1+",""+s2+",""+s3+"','"+s4+"','"+s6+"','"+s7+"','"+s8+"')";
String q2 = "update tent set available = 'Occupied' where tent_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);
}

```



PATIENT ADMIT FORM

ID :

Number :

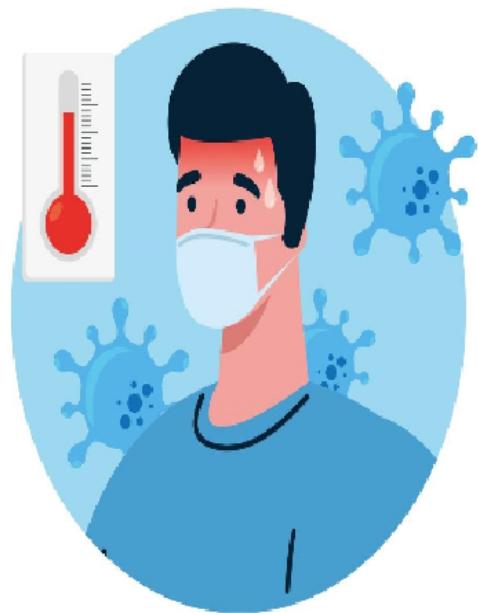
Name :

Gender : Male Female

Allocated Tent Number :

Patient Admit Status :

Deposit :



Add

Back

```
package mission;
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 Tent extends JFrame
{
    Connection conn = null;
    private JPanel contentPane;
    private JTable table;
    private JLabel lblAvailability;
    private JLabel lblReadyStatus;
    private JLabel lblNewLabel;
    private JLabel lblNewLabel_1;
    private JLabel lblTentNumber;
    private JLabel lblId;

    /**
     * Launch the application.
     */
    public Tent() 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("mission/icons/eight.jpg"));
Image i3 = i1.getImage().getScaledInstance(600, 600, Image.SCALE_DEFAULT);
ImageIcon i2 = new ImageIcon(i3);
JLabel l1 = new JLabel(i2);
l1.setBounds(500,0,600,600);
add(l1);

table = new JTable();
table.setBounds(0, 40, 500, 400);
contentPane.add(table);
JButton btnLoadData = new JButton("Load Data");
btnLoadData.addActionListener(new ActionListener()
{public void actionPerformed(ActionEvent e)
{try
{
conn c = new conn();
String displayPatientsql = "select * from Tent";
//PreparedStatement pst = conn.prepareStatement(displayPatientsql);
ResultSet rs = c.s.executeQuery(displayPatientsql);
table.setModel(DbUtils.resultSetToTableModel(rs));
}
catch(Exception e1){
e1.printStackTrace();
}
}
});

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

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

```

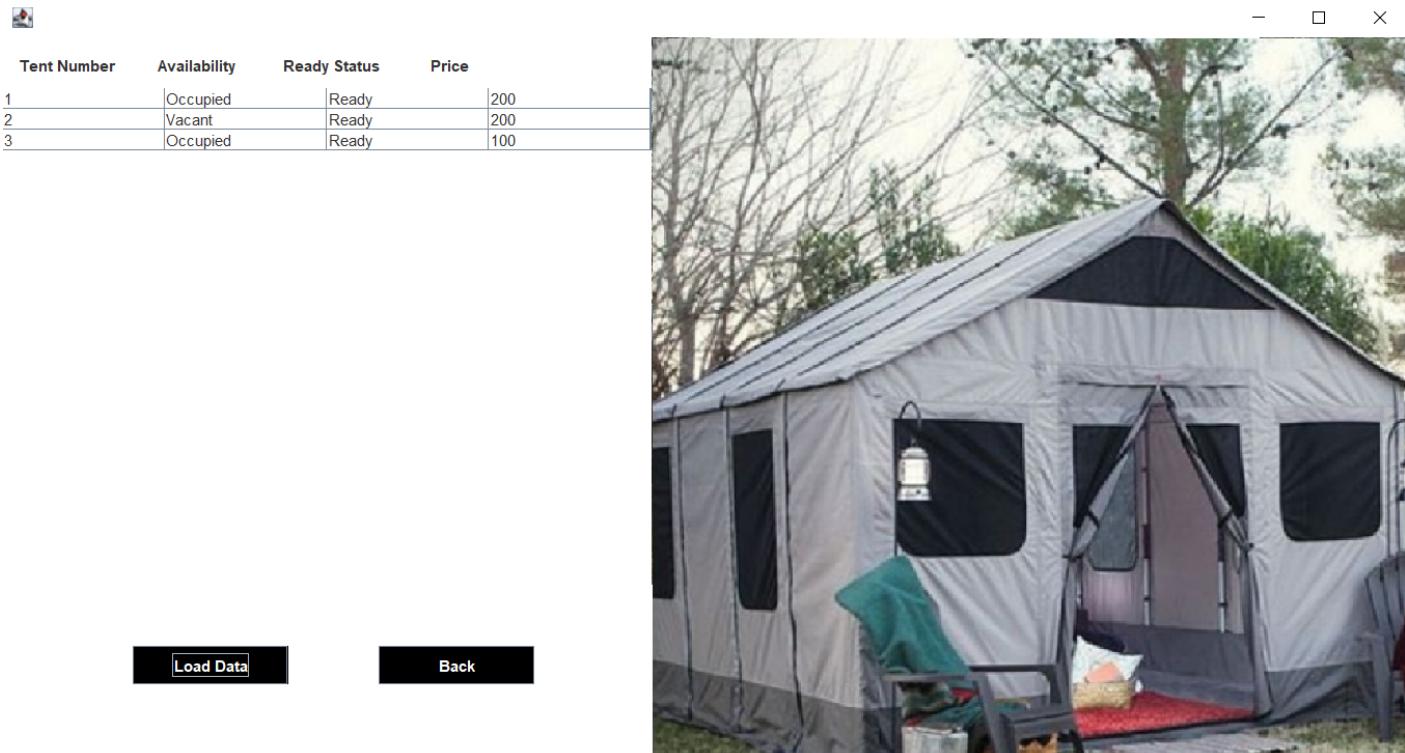
```

    }
});

btnNewButton.setBounds(290, 470, 120, 30); btnNewButton.setBackground(Color.BLACK);
btnNewButton.setForeground(Color.WHITE); contentPane.add(btnNewButton);
lblAvailability = new JLabel("Availability"); lblAvailability.setBounds(119, 15, 69, 14);
contentPane.add(lblAvailability); lblReadyStatus = new JLabel("Ready Status");
lblReadyStatus.setBounds(216, 15, 76, 14); contentPane.add(lblReadyStatus);
lblNewLabel = new JLabel("Price"); lblNewLabel.setBounds(330, 15, 46, 14);
contentPane.add(lblNewLabel); lblId = new JLabel("Tent Number");
lblId.setBounds(12, 15, 90, 14); contentPane.add(lblId);
getContentPane().setBackground(Color.WHITE);
}

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

```



A screenshot of a Java Swing application window. At the top, there is a title bar with standard window controls (minimize, maximize, close). Below the title bar is a toolbar with two buttons: "Load Data" and "Back". The main area contains a table with four columns: "Tent Number", "Availability", "Ready Status", and "Price". The table has three rows of data:

| Tent Number | Availability | Ready Status | Price |
|-------------|--------------|--------------|-------|
| 1 | Occupied | Ready | 200 |
| 2 | Vacant | Ready | 200 |
| 3 | Occupied | Ready | 100 |



Department Class

```
package mission;
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 JPanel contentPane;
    private JTable table;
    private JLabel lblNewLabel;
    private JLabel lblNewLabel_1;

    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 the frame.
 * @throws SQLException
 */
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);

    JButton btnNewButton = new JButton("Load Data");
    btnNewButton.addActionListener(new ActionListener()
    {
        public void actionPerformed(ActionEvent e)
        {
            try
            {
                conn c = new conn();
                String displayPatientsql = "select * from Department";
                ResultSet rs = c.s.executeQuery(displayPatientsql);
                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("Funds");
lblNewLabel_1.setBounds(431, 11, 75, 14);
contentPane.add(lblNewLabel_1);
getContentPane().setBackground(Color.WHITE);
}
}

```



— □ ×

Department

Funds

Load Data

Back

Employee Class

```
package mission;
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;

    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 displayPatientsql = "select * from Employee";
            ResultSet rs = c.s.executeQuery(displayPatientsql);
            table.setModel(DbUtils.resultSetToTableModel(rs));
        }
        catch(Exception e1){
            e1.printStackTrace();
        }
    }
});
btnLoadData.setBounds(350, 500, 120, 30); btnLoadData.setBackground(Color.BLACK);
btnLoadData.setForeground(Color.WHITE); contentPane.add(btnLoadData);
JButton btnExit = new JButton("Back");
btnExit.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent e)
    {
        new Reception().setVisible(true);
        setVisible(false);
    }
});
btnExit.setBounds(510, 500, 120, 30);
btnExit.setBackground(Color.BLACK);
btnExit.setForeground(Color.WHITE);
contentPane.add(btnExit);
lblNewLabel = new JLabel("Name");
lblNewLabel.setBounds(41, 11, 46, 14);
contentPane.add(lblNewLabel);
lblJob = new JLabel("Age");
lblJob.setBounds(159, 11, 46, 14);
contentPane.add(lblJob);

```

```
lblName = new JLabel("Gender"); lblName.setBounds(273, 11, 46, 14);
contentPane.add(lblName); lblDepartment = new JLabel("Job");
lblDepartment.setBounds(416, 11, 86, 14); contentPane.add(lblDepartment);
JLabel l1 = new JLabel("Salary"); l1.setBounds(536, 11, 86, 14);
contentPane.add(l1);
JLabel l2 = new JLabel("Phone");
l2.setBounds(656, 11, 86, 14);
contentPane.add(l2);
JLabel l3 = new JLabel("Aadhaar");
l3.setBounds(786, 11, 86, 14);
contentPane.add(l3);
JLabel l4 = new JLabel("Email");
l4.setBounds(896, 11, 86, 14);
contentPane.add(l4);
getContentPane().setBackground(Color.WHITE);
}
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
 */
}

}
```



- □ ×

| Name | Age | Gender | Job | Salary | Phone | Aadhaar | Email |
|----------------|-----|--------|--------------------|--------|------------|-----------------|-----------------------|
| Ramesh Singh | 35 | male | Doctor | 60000 | 3333344444 | 111112222233333 | rameshsingh@gmail.com |
| Shashank Gupta | 35 | male | Dietician | 60000 | 8765445678 | 102938475612345 | abc@def.com |
| Lalita Kumari | 45 | female | Physical Therapist | 70000 | 3333388888 | 666667777788888 | lalita@bai.com |
| Mukesh Kumar | 55 | male | Manager | 90000 | 2222200000 | 9797977776 | mukesh@kumar.com |

Load Data

Back

```
package mission;
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 PatientInfo extends JFrame
{
    Connection conn = null;
    private JPanel contentPane;
    private JLabel lblId;
    private JLabel lblNewLabel;
    private JLabel lblGender;
    private JTable table;
    private JLabel lblTent;
    private JLabel lblStatus;
    private JLabel lblNewLabel_1;
    public static void main(String[] args)
    {
        EventQueue.invokeLater(new Runnable()
        {
            public void run()
            {
                try
                { PatientInfo frame = new PatientInfo();
                    frame.setVisible(true);
                }
                catch (Exception e)
                {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

```

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

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

btnExit.setBounds(450, 510, 120, 30);
btnExit.setBackground(Color.BLACK);
    btnExit.setForeground(Color.WHITE);
contentPane.add(btnExit);

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

```

```

    conn c = new conn();
    String displayPatientSQL = "select * from patient";
    ResultSet rs = c.s.executeQuery(displayPatientSQL);
    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);

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

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

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

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

```



-

□

X

| ID | Number | Name | Gender | Tent | Admit Status | Deposit |
|----------|---------|-------------|--------|------|--------------|---------|
| Passport | K100001 | Madhav Kale | Male | 3 | Critical | 50 |

[Load Data](#)[Back](#)

```
package mission;
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 JPanel contentPane;
    private JTable table;
    private JLabel lblNewLabel;
    private JLabel lblJob;
    private JLabel lblName;
    private JLabel lblDepartment;

    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 the frame.
 * @throws SQLException
 */
public ManagerInfo() throws SQLException
{
    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 where job = 'Manager'";
                ResultSet rs = c.s.executeQuery(displayCustomersql);
                table.setModel(DbUtils.resultSetToTableModel(rs));
            }
            catch(Exception e1)
            {
                e1.printStackTrace();
            }
        }
    });
}

```

```
btnLoadData.setBounds(350, 500, 120, 30);
btnLoadData.setBackground(Color.BLACK);
btnLoadData.setForeground(Color.WHITE);
contentPane.add(btnLoadData);
JButton btnExit = new JButton("Back");
btnExit.addActionListener(new ActionListener()
{
    public void actionPerformed(ActionEvent e)
    {new Reception().setVisible(true);
     setVisible(false);
    }
});
btnExit.setBounds(510, 500, 120, 30);
btnExit.setBackground(Color.BLACK);
btnExit.setForeground(Color.WHITE);
contentPane.add(btnExit);
lblNewLabel = new JLabel("Name");
lblNewLabel.setBounds(41, 11, 46, 14);
contentPane.add(lblNewLabel);
lblJob = new JLabel("Age");
lblJob.setBounds(159, 11, 46, 14);
contentPane.add(lblJob);
lblName = new JLabel("Gender");
lblName.setBounds(273, 11, 46, 14);
contentPane.add(lblName);
lblDepartment = new JLabel("Job");
lblDepartment.setBounds(416, 11, 86, 14);
contentPane.add(lblDepartment);
JLabel l1 = new JLabel("Salary");
l1.setBounds(536, 11, 86, 14);
contentPane.add(l1);
JLabel l2 = new JLabel("Phone");
l2.setBounds(656, 11, 86, 14);
contentPane.add(l2);
JLabel l3 = new JLabel("Aadhaar");
l3.setBounds(786, 11, 86, 14);
contentPane.add(l3);
```

```

JLabel l3 = new JLabel("Aadhaar");
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);
}

}

```

| Name | Age | Gender | Job | Salary | Phone | Aadhaar | Gmail |
|--------------|-----|--------|---------|--------|------------|------------|------------------|
| Mukesh Kumar | 55 | male | Manager | 90000 | 2222200000 | 9797977776 | mukesh@kumar.com |

[Load Data](#)
|
[Back](#)

```
package mission;
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 VacateTent extends JFrame
{
    Connection conn = null;
    PreparedStatement pst = null;
    JPanel contentPane;
    JTextField t1;
    Choice c1;
    public static void main(String[] args)
    {
        EventQueue.invokeLater(new Runnable()
        {
            public void run()
            {
                try
                {
                    VacateTent frame = new VacateTent();
                    frame.setVisible(true);
                }
                catch (Exception e)
                {
                    e.printStackTrace();
                }
            }
        });
    }
    public void close()
    {
        this.dispose();
    }
}
```

```

/**
 * Create the frame.
 * @throws SQLException
 */
public VacateTent() 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("mission/icons/sixth.jpg"));
    Image i3 = i1.getImage().getScaledInstance(400, 225,Image.SCALE_DEFAULT);
    ImageIcon i2 = new ImageIcon(i3);
    JLabel l1 = new JLabel(i2);
    l1.setBounds(300,0,500,225);
    add(l1);
    JLabel lblVacateTent = new JLabel("Vacate Tent ");
    lblVacateTent.setFont(new Font("Tahoma", Font.PLAIN, 20));
    lblVacateTent.setBounds(70, 11, 140, 35);
    contentPane.add(lblVacateTent);
    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 patient");
        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("mission/icons/tick.png"));
Image i5 = i4.getImage().getScaledInstance(20, 20,Image.SCALE_DEFAULT);
ImageIcon i6 = new ImageIcon(i5); JButton l2 = new JButton(i6);
l2.setBounds(290,82,20,20); add(l2);
l2.addActionListener(new ActionListener()
{ public void actionPerformed(ActionEvent ae)
{ System.out.println("Hi");
try
{
conn c = new conn();
String number = c1.getSelectedItem();
ResultSet rs = c.s.executeQuery("select * from patient where number = "+number);
if(rs.next())
{
System.out.println("clicked");
t1.setText(rs.getString("tent_number"));
}
}
} catch(Exception e)
{} }
});
JLabel lblTentNo = new JLabel("Tent Number:"); lblTentNo.setBounds(20, 132, 86, 20);
contentPane.add(lblTentNo); t1 = new JTextField(); t1.setBounds(130, 132, 150, 20);
contentPane.add(t1); JButton btnVacate = new JButton("Vacate Tent");
btnVacate.addActionListener(new ActionListener()
{
public void actionPerformed(ActionEvent e)
{
String id = c1.getSelectedItem(); String s1 = t1.getText();
String deleteSQL = "Delete from patient where number = "+id;
String q2 = "update tent set availability = 'Available' where tent_number = "+s1;
conn c = new conn();
try
{ c.s.executeUpdate(deleteSQL);
c.s.executeUpdate(q2);
 JOptionPane.showMessageDialog(null,"Tent Vacated");
new Reception().setVisible(true);
setVisible(false);
}
}
}
);

```

```

        catch(SQLException e1)
    {
        System.out.println(e1.getMessage());
    }
}

});

btnVacate.setBounds(50, 200, 100, 25); btnVacate.setBackground(Color.BLACK);
btnVacate.setForeground(Color.WHITE); contentPane.add(btnVacate);
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);
}
}

```



Vacate Tent

Number : 

Tent Number:



```
package mission;
import net.proteanit.sql.DbUtils;
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 UpdateAdmit extends JFrame
{
    Connection conn = null;
    PreparedStatement pst = null;
    private JPanel contentPane;
    private JTextField txt_ID;
    private JTextField txt_Tent;
    private JTextField txt_Status;
    private JTextField txt_Date;
    private JTextField txt_Time;
    private JTextField txt_Payment;
    Choice c1, c2;
    public static void main(String[] args)
    {EventQueue.invokeLater(() -> {
        try
        {UpdateAdmit frame = new UpdateAdmit();
            frame.setVisible(true);
        } catch (Exception e)
        {e.printStackTrace();
        }
    });
}
public void close()
{this.dispose();
}
/**
 * Create the frame.
 * @throws SQLException
 */

```

```

public UpdateAdmit() throws SQLException
{
    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 lblUpdateAdmitStatus = new JLabel("Admit Details");
    lblUpdateAdmitStatus.setFont(new Font("Tahoma", Font.PLAIN, 20));
    lblUpdateAdmitStatus.setBounds(124, 11, 222, 25);
    contentPane.add(lblUpdateAdmitStatus);
    ImageIcon i1 = new
ImageIcon(ClassLoader.getSystemResource("mission/icons/nine.jpg"));
    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 patient");
        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("Tent 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("Admitted :");
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(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);
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(); //tent_number;
String s3 = txt_Status.getText(); //name
String s4 = txt_Date.getText(); //status;
String s5 = txt_Time.getText(); //deposit

c.s.executeUpdate("update patient set tent_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(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 patient where number = '" + s1 + "'");
    while (rs1.next()) {
        txt_ID.setText(rs1.getString("tent_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 tent where tent_number = '" +
txt_ID.getText() + "'");
    while (rs2.next())
    {
        total = rs2.getString("price");
    }
}
}

```

```

btnUpdate.setBounds(168, 378, 89, 23); btnUpdate.setBackground(Color.BLACK);
btnUpdate.setForeground(Color.WHITE); contentPane.add(btnUpdate);
JButton btnExit = new JButton("Back");
btnExit.addActionListener(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 patient where number = '" + s1 + "'");
    while (rs1.next()) {
        txt_ID.setText(rs1.getString("tent_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 tent where tent_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);
}
}
}

```

Admit Details

| | |
|-----------------------|--------------------------------------|
| ID: | <input type="text" value="K100001"/> |
| Tent Number : | <input type="text"/> |
| Name : | <input type="text"/> |
| Admitted : | <input type="text"/> |
| Amount Paid (Rs) : | <input type="text"/> |
| Pending Amount (Rs) : | <input type="text"/> |

[Check](#) [Update](#) [Back](#)

Update Tent Status

```
package mission; 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 UpdateTent 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_Tent;
    Choice c1;

    public UpdateTent() 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("mission/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 lblUpdateTentStatus = new JLabel("Update Tent Status");
        lblUpdateTentStatus.setFont(new Font("Tahoma", Font.PLAIN, 20));
        lblUpdateTentStatus.setBounds(85, 11, 206, 34);
        contentPane.add(lblUpdateTentStatus);
```

```

JLabel lblNewLabel = new JLabel("Patient 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 patient");
    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 lblReadyStatus = new JLabel("Ready Status:");
lblReadyStatus.setBounds(27, 240, 90, 14);
contentPane.add(lblReadyStatus);

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_Tent = new JTextField();
txt_Tent.setBounds(160, 130, 140, 20);
contentPane.add(txt_Tent);
txt_Tent.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 patient where number = "+s1);

while(rs1.next())
{
    txt_Tent.setText(rs1.getString("tent_number"));
}
}
catch(Exception ee)
{

}

try
{
    conn c = new conn();
    ResultSet rs2 = c.s.executeQuery("select * from tent where tent_number = " +
txt_Tent.getText());
    while(rs2.next())
    {
        txt_Ava.setText(rs2.getString("availability"));
        txt_Status.setText(rs2.getString("ready_status"));
    }
} 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 tent set ready_status = '"+txt_Status.getText()+"' where
tent_number = "+txt_Tent.getText();
        c.s.executeUpdate(str);
        JOptionPane.showMessageDialog(null, "Update Successful");
        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 lblTentID = new JLabel("Tent Number:");
lblTentID.setBounds(27, 133, 100, 14);
contentPane.add(lblTentID);
getContentPane().setBackground(Color.WHITE);
}

```

```

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

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

/***
 * Create the frame.
 * @throws SQLException
 */
}

```



- □ ×

Update Tent Status

| | |
|---|--------------------------------------|
| Patient ID: | <input type="text" value="K100001"/> |
| Tent Number: | <input type="text"/> |
| Availability: | <input type="text"/> |
| Ready Status: | <input type="text"/> |
| <input type="button" value="Check"/> | |
| <input type="button" value="Update"/> <input type="button" value="Back"/> | |



```
package mission;
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 HomeToCamp extends JFrame
{
    Connection conn = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    JPanel contentPane;
    private JTable table;
    Choice c1;
    public static void main(String[] args)
    {
        EventQueue.invokeLater(new Runnable()
        {
            public void run()
            {
                try
                {
                    HomeToCamp frame = new HomeToCamp();
                    frame.setVisible(true);
                }
                catch(Exception e)
                {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

```

public void close()
{
    this.dispose();
}
/** 
 * Create the frame.
 * @throws SQLException
 */
public HomeToCamp() throws SQLException
{
    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 lblHomeToCamp = new JLabel("Home To Camp");
    lblHomeToCamp.setFont(new Font("Tahoma", Font.PLAIN, 20));
    lblHomeToCamp.setBounds(90, 11, 158, 25);
    contentPane.add(lblHomeToCamp);

    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);
}
}

```

Home To Camp

| Type of Car | Santro | | | | | |
|-------------|--------|--------|---------|--------|-----------|----------|
| Name | Age | Gender | Company | Brand | Available | Location |
| Raju Bhaiya | 30 | Male | Hyundai | Santro | Yes | Khopoli |

```
package mission;
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 SearchTent extends JFrame
{
    Connection conn = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    JPanel contentPane;
    JTextField txt_Type;
    JTable table;
    Choice c1;

    public static void main(String[] args)
    {
        EventQueue.invokeLater(new Runnable()
        {
            public void run()
            {
                try
                {
                    SearchTent frame = new SearchTent();
                    frame.setVisible(true);
                }
                catch (Exception e)
                {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

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

/**
 * Create the frame.
 * @throws SQLException
 */
public SearchTent() 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 lblSearchForTent = new JLabel("Search For Tent");
    lblSearchForTent.setFont(new Font("Tahoma", Font.PLAIN, 20));
    lblSearchForTent.setBounds(250, 11, 186, 31);
    contentPane.add(lblSearchForTent);

    JLabel lblTentType = new JLabel("Tent Number");
    lblTentType.setBounds(23, 162, 96, 14);
    contentPane.add(lblTentType);

    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);

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

```

JButton btnSearch = new JButton("Search");
btnSearch.addActionListener(new ActionListener()
{ public void actionPerformed(ActionEvent e)
{
    String SQL = "select * from tent";
    String SQL2 = "select * from tent where availability = 'Available'";
    try
    {
        conn c = new conn();
        rs = c.s.executeQuery(SQL);
        table.setModel(DbUtils.resultSetToTableModel(rs));
        if(checkTent.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 lblReadyStatus = new JLabel("Ready Status");
lblReadyStatus.setBounds(306, 162, 96, 14);
contentPane.add(lblReadyStatus);
getContentPane().setBackground(Color.WHITE);
}
}

```



— □ ×

Search For Tent

Only display Available

| Tent Number | Availability | Ready Status | Price |
|-------------|--------------|--------------|-------|
| 1 | Occupied | Ready | 200 |
| 2 | Vacant | Ready | 200 |
| 3 | Occupied | Ready | 100 |

Search

Back

These were some of my inputs towards digitalizing health infrastructure of rural India. The adding of employees, tents, drivers, etc and giving the special access to admin for that purpose was the best part of this project, and even though it was probably the easiest part, I had taken a lot of time to brainstorm. Later I found out that this could be achieved easily by creating a second dashboard.

AWT and Swing are definitely not the easiest tools to use to create such kind of softwares, and with time, more tools and mobile apps have come up to make the job easier. But AWT provides a lot of understanding and insight, at the fundamental level. With practice I could learn how to efficiently make such a system, which could revolutionize rural healthcare systems.

Thus, I conclude by saying that AWT provides the most fundamental level OOP analysis and it is vital for students to learn AWT should they pursue OOP.

References:

- javatpoint.com and geeksforgeeks.com for help
- stackoverflow.com for clearing some doubts
- Tech Info YT channel for crucial OOP concepts