USECASE DIAGRAMS - BUS TICKET RESERVATION SYSTEM

HOMEPAGE

REGISTRATION PORTAL

BUS TICKET RESERVATION SYSTEM

LOGIN SITE

BOOKING WINDOW

CHECK BOOKING

SOURCE CODE – BUS TICKET RESERVATION SYSTEM

<u>Home Page:</u>

```java
package buspro;

import javax.swing.*;

import java.awt.Color;

import java.awt.Container;

import java.awt.Dimension;

import java.awt.Font;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.*;

public class frontpage {

JFrame f;

JLabel l1;

JButton b1;

JButton b2;

frontpage(){

f=new JFrame("home page");

l1=new JLabel("BUS TICKET RESERVATION SYSTEM");

b1=new JButton("Sign Up");

b2=new JButton("Login");

Color color=new Color(69, 100, 109);

f.getContentPane().setBackground(color.darker());

l1.setBounds(48,38,500,80);

l1.setForeground(Color.WHITE);
```

```java
l1.setFont(new Font("Times new roman", Font.BOLD,26));

b1.setBounds(35,182,200,30);

b1.setFont(new java.awt.Font("Tahoma", 1, 14));

b1.setText("Sign Up");

b1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

registrationportal rg=new registrationportal();

}});

b2.setBounds(315, 182,200,30);

b2.setFont(new java.awt.Font("Tahoma", 1, 14));

b2.setText("Login");

b2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

Loginpage p=new Loginpage();

}});

f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

f.setBounds(100, 200, 350, 300);

Container c = f.getContentPane();

JLabel label = new JLabel();

label.setIcon(new ImageIcon("bus1.jpg"));

Dimension size = label.getPreferredSize();

label.setBounds(2, 200, size.width, size.height);

c.add(label);

f.add(l1);
```

```java
f.add(b1);

f.add(b2);

f.setSize(560,550);

f.setLayout(null);

f.setVisible(true);

}

public static void main(String args[]) {

new frontpage();

}}
```

Registration Page:

```java
package buspro;

import javax.swing.*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.*;

public class registrationportal {

JFrame f;

registrationportal(){

f=new JFrame("registration page");

JLabel l1=new JLabel("Registration Portal");

JLabel l2=new JLabel("Email id");

JLabel l3=new JLabel("Age");

JLabel l4=new JLabel("Username");

JLabel l5=new JLabel("Password");

JLabel l6=new JLabel("Contact No");
```

```java
JButton b1=new Button("Sign Up");

JButton b2=new JButton("Exit");

JTextField t1=new JTextField(10);

JTextField t2=new JTextField(10);

JTextField t3=new JTextField(10);

JTextField t4=new JTextField(10);

JPasswordField p1=new JPasswordField(10);

l1.setBounds(180,8,180,100);

l1.setFont(new java.awt.Font("Tahoma", 80, 22)); ;

l2.setBounds(150,100,100,40);

l2.setFont(new java.awt.Font("Tahoma", 80, 18));

l3.setBounds (150,150,100,40);

l3.setFont(new java.awt.Font("Tahoma", 80, 18));

l4.setBounds(150,200, 100,40);

l4.setFont(new java.awt.Font("Tahoma", 80, 18));

l5.setBounds (150, 250, 100, 40);

l5.setFont (new java.awt.Font ("Tahoma", 80, 18));

l6.setBounds (150,300, 100,40);

l6.setFont (new java.awt.Font("Tahoma", 80, 18));

t1.setBounds(250,100,200,30);

t2.setBounds(250,150,200,30);

t3.setBounds(250,200,200,30);

p1.setBounds(250,250,200,30);

t4.setBounds(250,300,200,30);

b1.setBounds(40,400,200,30);
```

```java
b1.setFont(new java.awt.Font("Tahoma", 1, 14));

b1.setText("Sign Up");

b1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

try {

if
((t3.getText().equals(""))||(t1.getText().equals(""))||(t2.getText().equals(""))||(p1.ge
tText().equals(""))||(t4.getText().equals(""))) {

JOptionPane.showMessageDialog(f, "Please enter the detials");

}

else {

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

Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/registration","roo
t","");

java.sql.PreparedStatement

stmt=con.prepareStatement("insert into
regis(Username,EmailID,Age,Password,ContactNo)values(?,?,?,?,?)");

stmt.setString(1,t3.getText());

stmt.setString(2,t1.getText());

stmt.setString(3,t2.getText());

stmt.setString(4,p1.getText());

stmt.setString(5,t4.getText());

int i=stmt.executeUpdate();

if(i!=0) {

JOptionPane.showMessageDialog(f,"Successfully Registered");

System.out.println("Record added successfully!");
```

```java
Loginpage lp=new Loginpage();

}

else {

System.out.println("Failed to add");

}

}catch(Exception ae) {

System.out.println(ae);

}}}});

b2.setBounds(320,400,200,30);

b2.setFont(new java.awt.Font("Tahoma", 1, 14));

b2.setText("Exit");

b2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("exit finished");

JOptionPane.showMessageDialog(f,"Are you sure to exit?");

System.exit(0);

} });

f.add(l1);

f.add(l2);

f.add(l3);

f.add(l4);

f.add(l5);

f.add(l6);

f.add(t1);

f.add(t2);
```

```java
f.add(t3);

f.add(t4);

f.add(p1);

f.add(b1);

f.add(b2);

f.setSize(600,600);

f.setLayout(null);

f.setVisible(true);

}

public static void main(String args[]) {

new registrationportal();

}}
```

Login Page:

```java
package buspro;

import java.awt.Font;

import java.awt.Event.*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.*;
```

```java
public class Loginpage{

JButton b1,b2,b3;

Loginpage(){

JFrame f=new JFrame("Login Portal");

JLabel l1,l2,l3;

JTextField t1;

JPasswordField p1;

JSeparator s1,s2;

l1=new JLabel("Username");

l2=new JLabel("Password");

l3=new JLabel("Login Page");

t1=new JTextField(20);

p1=new JPasswordField();

b1=new JButton("Login");

b1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

try {

String Username=t1.getText();

String Password=p1.getText();

Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/brs","root","");
PreparedStatement  stmt=conn.prepareStatement("select * from booking where
username = ? and password = ? ");

stmt.setString(1, Username);

stmt.setString(2, Password);

ResultSet rs = stmt.executeQuery();
```

```java
System.out.println(Username);

System.out.println(Password);

if(rs.next()) {

System.out.println(rs.getString("Username"));

System.out.println(" login success");

JOptionPane.showMessageDialog(f,"Login successful");

Booking bk= new Booking();

bk.setVisible(true);

}

else {

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

}}

catch(SQLException ex) {

System.out.println(e);

}}}});

b2=new Buttons("Reset");

b2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

JOptionPane.showMessageDialog(f,"Do you want to clear details?");

t1.setText("");

p1.setText("");

System.out.println("Reset success");

}});

b3=new JButton("Exit");

b3.addActionListener(new ActionListener() {
```

```java
public void actionPerformed(ActionEvent e) {

System.out.println("exit finished");

System.exit(0);

}});

s1=new JSeparator();

s2=new JSeparator();

l1.setBounds(146,133,106,28);

l1.setFont(new Font("Tahoma", Font.PLAIN,18));

l2.setBounds (146,257,106, 28);

l2.setFont (new Font ("Tahoma", Font.PLAIN,18));

l3.setBounds (300,33,337,27);

l3.setFont(new Font("Tahoma", Font.BOLD,24));

t1.setBounds(273,137,135,29);

p1.setBounds(273,261,135,29);

b1.setBounds(127,418,135,37);

b1.setFont(new Font("Tahoma", Font.PLAIN,18));

b2.setBounds(370,418,119,37);

b2.setFont(new Font("Tahoma", Font.PLAIN,18));

b3.setBounds(633,418,93,37);

b3.setFont(new Font("Tahoma", Font.PLAIN,18));

s1.setBounds(135,356,597,2);

s2.setBounds(127,87,605,2);

f.add(l1);

f.add(l2);

f.add(l3);
```

```
f.add(t1);

f.add(p1);

f.add(b1);

f.add(b2);

f.add(b3);

f.add(s1);

f.add(s2);

f.setLayout(null);

f.setSize(800,650);

f.setVisible(true);

}

public static void main(String args[]) {

new Loginpage();

}}
```

Booking Page:

```
package buspro;

import java.time.format.DateTimeFormatter;

import java.time.LocalDate;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.sql.DriverManager;

import java.sql.*;

import java.text.SimpleDateFormat;

import java.util.Date;

import javax.swing.JOptionPane;
```

```java
//import org.jdesktop.swingx.JXDatePicker;
public class Booking extends javax.swing.JFrame implements MouseListener {
* Creates new form Booking
Booking() {
initComponents();
jLabel3.addMouseListener(this);
jLabel4.addMouseListener(this);
jLabel5.addMouseListener(this);
jLabel6.addMouseListener(this);
jLabel7.addMouseListener(this);
jLabel8.addMouseListener(this);
jLabel9.addMouseListener(this);
jLabel10.addMouseListener(this);
jLabel11.addMouseListener(this);
jLabel12.addMouseListener(this);
jLabel13.addMouseListener(this);
jLabel14.addMouseListener(this);
jLabel15.addMouseListener(this);
jLabel16.addMouseListener(this);
jLabel17.addMouseListener(this);
jLabel18.addMouseListener(this);
jLabel19.addMouseListener(this);
jLabel20.addMouseListener(this);
jLabel21.addMouseListener(this);
jLabel22.addMouseListener(this);
```

```java
jLabel23.addMouseListener(this);

jLabel24.addMouseListener(this);

jLabel25.addMouseListener(this);

jLabel26.addMouseListener(this);

jLabel27.addMouseListener(this);

jLabel28.addMouseListener(this);

jLabel29.addMouseListener(this);

jLabel30.addMouseListener(this);

jLabel31.addMouseListener(this);

jLabel32.addMouseListener(this);

jLabel33.addMouseListener(this);

jLabel34.addMouseListener(this);

}

int seatNo =0;

public void bill(){

String customer = jTextField1.getText();

String contact = jTextField4.getText();

String from = (String)jComboBox1.getSelectedItem();

String to = (String)jComboBox2.getSelectedItem();

int seat = seatNo;

String price = jTextField3.getText();

SimpleDateFormat date_format = new SimpleDateFormat("yyyy-MM-dd");

String date = date_format.format(jCalendar2.getDate());

TA.setText(TA.getText() + "*****************************\n");

TA.setText(TA.getText() + "**********BUS TICKET*********\n");
```

```java
TA.setText(TA.getText() + "*******************************\n");

TA.setText(TA.getText() + "Customer " + "\t" + customer + "\n");

TA.setText(TA.getText() + "Contact Number " + "\t" + contact + "\n");

TA.setText(TA.getText() + "From: " + from + "To: " + to + "\n");

TA.setText(TA.getText() + "SeatNo " + "\t" + seat + "\n");

TA.setText(TA.getText() + "Price " + "\t" + price + "\n");

TA.setText(TA.getText() + "Date " + "\t" + date + "\n");

TA.setText(TA.getText() + "***********^^^^^^^^^^***********\n");

TA.setText(TA.getText() + "******Thank You Come Again!!******\n");

}

public static Date dateToday() {

LocalDate now = LocalDate.now();

Date date = java.sql.Date.valueOf(now);

return date;

}

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jPanel1 = new javax.swing.JPanel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();
```

```java
jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jLabel16 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jLabel18 = new javax.swing.JLabel();

jLabel19 = new javax.swing.JLabel ();

jLabel20 = new javax.swing.JLabel();

jLabel21 = new javax.swing.JLabel();

jLabel22 = new javax.swing.JLabel();

jLabel23 = new javax.swing.JLabel();

jLabel24 = new javax.swing.JLabel();

jLabel25 = new javax.swing.JLabel();

jLabel26 = new javax.swing.JLabel();

jLabel27 = new javax.swing.JLabel();

jLabel28 = new javax.swing.JLabel();

jLabel29 = new javax.swing.JLabel();

jLabel30 = new javax.swing.JLabel();

jLabel31 = new javax.swing.JLabel();

jLabel32 = new javax.swing.JLabel();
```

```java
jLabel33 = new javax.swing.JLabel();

jLabel34 = new javax.swing.JLabel();

jLabel35 = new javax.swing.JLabel();

jLabel36 = new javax.swing.JLabel();

jTextField3 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

TA = new javax.swing.JTextArea();

jLabel37 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

jButton2 = new javax.swing.JButton();

jLabel38 = new javax.swing.JLabel();

jLabel39 = new javax.swing.JLabel();

jComboBox1 = new javax.swing.JComboBox<>();

jComboBox2 = new javax.swing.JComboBox<>();

jLabel40 = new javax.swing.JLabel();

jLabel41 = new javax.swing.JLabel();

jPanel2 = new javax.swing.JPanel();

jCalendar2 = new com.toedter.calendar.JCalendar();

jButton3 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel1.setText("Bus Ticket Reservation ");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel2.setText("Customer ");
```

```java
jTextField1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jTextField1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField1ActionPerformed(evt);

} });

jPanel1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.bord
er.BevelBorder.RAISED));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel3.setText(" 1");

jLabel3.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel4.setText(" 2");

jLabel4.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel5.setText(" 3");

jLabel5.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel6.setText(" 4");

jLabel6.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
```

```java
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel7.setText(" 5");

jLabel7.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel8.setText(" 6");

jLabel8.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel9.setText(" 7");

jLabel9.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel10.setText(" 8");

jLabel10.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel11.setText(" 9");

jLabel11.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
```

```java
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel12.setText("10");

jLabel12.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel13.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel13.setText("11");

jLabel13.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel14.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel14.setText("12");

jLabel14.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel15.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel15.setText("13");

jLabel15.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel16.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel16.setText("14");

jLabel16.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
```

```
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel17.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel17.setText("15");

jLabel17.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel18.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel18.setText("16");

jLabel18.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel19.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel19.setText("17");

jLabel19.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel20.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel20.setText("18");

jLabel20.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel21.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel21.setText("19");

jLabel21.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
```

```java
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel22.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel22.setText("20");

jLabel22.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel23.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel23.setText("21");

jLabel23.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel24.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel24.setText("22");

jLabel24.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel25.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel25.setText("23");

jLabel25.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel26.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel26.setText("24");

jLabel26.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
```

```
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel27.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel27.setText("25");

jLabel27.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel28.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel28.setText("26");

jLabel28.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel29.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel29.setText("27");

jLabel29.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel30.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel30.setText("28");

jLabel30.setBorder(new javax.swing.border.SoftBevelBorder
(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new java.awt.Color(51,
51, 51)));

jLabel31.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel31.setText("29");

jLabel31.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
```

```java
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel32.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel32.setText("30");

jLabel32.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel33.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel33.setText("31");

jLabel33.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

jLabel34.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel34.setText("32");

jLabel34.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
new java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51), new
java.awt.Color(51, 51, 51), new java.awt.Color(51, 51, 51)));

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
```

```
                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

                .addComponent(jLabel11, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel19, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel27, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(12, 12, 12)))
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel12, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel20, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel28, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

                .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel13, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel21, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel29, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

.addComponent(jLabel14, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel22, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel30, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(0, 12, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel31, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel32, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel33, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(13, 13, 13)

.addComponent(jLabel34, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel23, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel24, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel25, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel26, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(14, 14, 14)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(12, 12, 12)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(0, 0, Short.MAX_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel16, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel17, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel18, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)) );

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel4)

.addComponent(jLabel5)

.addComponent(jLabel6)

.addComponent(jLabel7)
```

```
.addComponent(jLabel8)

.addComponent(jLabel9)

.addComponent(jLabel10))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)

.addComponent(jLabel11)

.addComponent(jLabel12)

.addComponent(jLabel13)

.addComponent(jLabel14)

.addComponent(jLabel15)

.addComponent(jLabel16)

.addComponent(jLabel17)

.addComponent(jLabel18))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)

.addComponent(jLabel19)

.addComponent(jLabel20)

.addComponent(jLabel21)

.addComponent(jLabel22)

.addComponent(jLabel23)

.addComponent(jLabel24)

.addComponent(jLabel25)

.addComponent(jLabel26))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```java
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)

.addComponent(jLabel27)

.addComponent(jLabel28)

.addComponent(jLabel29)

.addComponent(jLabel30)

.addComponent(jLabel31)

.addComponent(jLabel32)

.addComponent(jLabel33)

.addComponent(jLabel34))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))  );

jLabel35.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel35.setText("Seats");

jLabel36.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel36.setText("Price");

jTextField3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jTextField3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField3ActionPerformed(evt);

} });

jButton1.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18NjButton1.setText("BOOK");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);
```

```java
}});

TA.setColumns(20);

TA.setFont(new java.awt.Font("Monospaced", 1, 18)); // NOI18N

TA.setRows(5);

TA.setText("\n");

jScrollPane1.setViewportView(TA);

jLabel37.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel37.setText("Contact Number");

jTextField4.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton2.setText("Check Booking");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}   });

jLabel38.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel38.setText("From");

jLabel39.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel39.setText("To");

jComboBox1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[]
{ "Ahmedabad", "Bangalore", "Bhopal", "Chennai","Madurai", "Delhi",
"Hyderabad", "Indore", "Jaipur", "Kanpur", "Kolkata", "Lucknow", "Mumbai",
"Nagpur", "Patna", "Coimbatore","ooty","Pune", "Surat", "Thane", "Vadodara",
"Visakhapatnam\t" }));

jComboBox2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
```

```java
jComboBox2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[]
{ "Ahmedabad", "Bangalore", "Bhopal", "Chennai","Madurai", "Delhi",
"Hyderabad", "Indore", "Jaipur", "Kanpur", "Kolkata", "Lucknow", "Mumbai",
"Nagpur", "Patna", "Coimbatore","ooty","Pune", "Surat", "Thane", "Vadodara",
"Visakhapatnam\t" }));

jLabel40.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel40.setText("Date");

jLabel41.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel41.setText("TICKET");
jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jCalendar2, javax.swing.GroupLayout.DEFAULT_SIZE, 276,
Short.MAX_VALUE)  );

jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jCalendar2, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, 192, Short.MAX_VALUE)  );

jButton3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jButton3.setText("CLEAR");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);
```

```
}});

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(26, 26, 26)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel36)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE, 171,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(86, 86, 86)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(43, 43, 43)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 106,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGroup(layout.createSequentialGroup()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addComponent(jLabel35)
```

```
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel40)

.addGap(233, 233, 233))

.addGroup(layout.createSequentialGroup()

.addGap(19, 19, 19)

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 16,
Short.MAX_VALUE)))))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
352, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(65, 65, 65)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 171,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(342, 342, 342)
```

```
.addComponent(jLabel1)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton2))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel37)

.addGap(18, 18, 18)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(44, 44, 44)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addComponent(jLabel38)

.addComponent(jLabel39))

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING, false)

.addComponent(jComboBox1, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED_SIZE,
219, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(112, 112, 112)

.addComponent(jLabel41)

.addGap(0, 0, Short.MAX_VALUE)))

.addContainerGap()));

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(layout.createSequentialGroup()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAI
LING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BAS
ELINE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel1))

.addGap(11, 11, 11)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BAS
ELINE)

.addComponent(jLabel2)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BAS
ELINE)

.addComponent(jLabel37)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel39)

.addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 17,
Short.MAX_VALUE))

.addGroup(layout.createSequentialGroup()
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BAS
ELINE)

.addComponent(jLabel38)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(38, 38, 38)

.addComponent(jLabel41)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)))
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()

.addGap(20, 20, 20)

.addGroup(layout.createParallelGroup
(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel35)

.addComponent(jLabel40))
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()

.addGap(12, 12, 12)

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
```

```java
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BAS
ELINE)

.addComponent(jLabel36)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(0, 0, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGap(0, 0, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAI
LING)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(22, 22, 22))))

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
316, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(14, 14, 14)))) );

pack();

setLocationRelativeTo(null);

}
```

```java
private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField1ActionPerformed

}//GEN-LAST:event_jTextField1ActionPerformed

private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField3ActionPerformed

}//GEN-LAST:event_jTextField3ActionPerformed

int myID;

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed

String customer = jTextField1.getText();

String contact = jTextField4.getText();

String from = (String)jComboBox1.getSelectedItem();

String to = (String)jComboBox2.getSelectedItem();

int seat = seatNo;

String price = jTextField3.getText();

SimpleDateFormat date_format = new SimpleDateFormat("yyyy-MM-dd");

Date d1 = jCalendar2.getDate();

String date = date_format.format(d1);

try {

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

Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/busbooking","root",""
);

Statement st = con.createStatement();

String query = "select * from buspage where FromStation = '"+from+"' and
ToStation = '"+to+"' and seatNo='"+seat+"' and date = '"+date+"'";

ResultSet rs = st.executeQuery(query);
```

```
if(rs.next()){

JOptionPane.showMessageDialog(this, "Sorry this has been Booked");

}

else if(from.equals(to)){

JOptionPane.showMessageDialog(this, "Source and Destination can not be same");

}

else if(d1.before(dateToday())){

JOptionPane.showMessageDialog(this, "Invalid Date");

        }

else{

try{

ResultSet temp = st.executeQuery("Select count(id) from book");

if(temp.next()){

myID= temp.getInt(1) + 1;

}

String insertQuery = "insert into buspage
values('"+myID+"','"+customer+"','"+contact+"','"+from+"','"+to+"','"+seat+"','"+pr
ice+"','"+date+"')";

int k = st.executeUpdate(insertQuery);

if(k==1){

JOptionPane.showMessageDialog(this, "Ticket Booked");

bill();

}}

catch (Exception e) {

JOptionPane.showMessageDialog(this,e);
```

```java
}}}

catch(Exception e){

JOptionPane.showMessageDialog(this,e);

}

}//GEN-LAST:event_jButton1ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed

CheckBooking c = new CheckBooking();

c.setVisible(true);

}//GEN-LAST:event_jButton2ActionPerformed

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed

jTextField1.setText("");

jTextField3.setText("");

jTextField4.setText("");

TA.setText("");

}//GEN-LAST:event_jButton3ActionPerformed

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

} }
```

```java
        } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(Booking.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(Booking.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(Booking.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Booking.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

        }

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Booking().setVisible(true);

}});

}// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JTextArea TA;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private com.toedter.calendar.JCalendar jCalendar2;

private javax.swing.JComboBox<String> jComboBox1;

private javax.swing.JComboBox<String> jComboBox2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;
```

```java
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel20;
private javax.swing.JLabel jLabel21;
private javax.swing.JLabel jLabel22;
private javax.swing.JLabel jLabel23;
private javax.swing.JLabel jLabel24;
private javax.swing.JLabel jLabel25;
private javax.swing.JLabel jLabel26;
private javax.swing.JLabel jLabel27;
private javax.swing.JLabel jLabel28;
private javax.swing.JLabel jLabel29;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel30;
private javax.swing.JLabel jLabel31;
private javax.swing.JLabel jLabel32;
private javax.swing.JLabel jLabel33;
```

```java
private javax.swing.JLabel jLabel34;

private javax.swing.JLabel jLabel35;

private javax.swing.JLabel jLabel36;

private javax.swing.JLabel jLabel37;

private javax.swing.JLabel jLabel38;

private javax.swing.JLabel jLabel39;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel40;

private javax.swing.JLabel jLabel41;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;
public void mouseClicked(MouseEvent e) {
if(e.getSource() == jLabel3){
seatNo = 1;
}
else if(e.getSource() == jLabel4){
```

```java
seatNo = 2;
}else if(e.getSource() == jLabel5){
seatNo = 3;
}else if(e.getSource() == jLabel6){
seatNo = 4;
}else if(e.getSource() == jLabel7){
seatNo = 5;
}else if(e.getSource() == jLabel8){
seatNo = 6;
}else if(e.getSource() == jLabel9){
seatNo = 7;
}else if(e.getSource() == jLabel10){
seatNo = 8;
}else if(e.getSource() == jLabel11){
seatNo = 9;
}else if(e.getSource() == jLabel12){
seatNo = 10;
}else if(e.getSource() == jLabel13){
seatNo = 11;
}else if(e.getSource() == jLabel14){
seatNo = 12;
}else if(e.getSource() == jLabel15){
seatNo = 13;
}else if(e.getSource() == jLabel16){
seatNo = 14;
```

```java
}else if(e.getSource() == jLabel17){

seatNo = 15;

}else if(e.getSource() == jLabel18){

seatNo = 16;

}else if(e.getSource() == jLabel19){

seatNo = 17;

}else if(e.getSource() == jLabel20){

seatNo = 18;

}else if(e.getSource() == jLabel21){

seatNo = 19;

}else if(e.getSource() == jLabel22){

seatNo = 20;

}else if(e.getSource() == jLabel23){

seatNo = 21;

}else if(e.getSource() == jLabel24){

seatNo = 22;

}else if(e.getSource() == jLabel25){

seatNo = 23;

}else if(e.getSource() == jLabel26){

seatNo = 24;

}else if(e.getSource() == jLabel27){

seatNo = 25;

}else if(e.getSource() == jLabel28){

seatNo = 26;

}else if(e.getSource() == jLabel29){
```

```java
seatNo = 27;

}else if(e.getSource() == jLabel30){

seatNo = 28;

}else if(e.getSource() == jLabel31){

seatNo = 29;

}else if(e.getSource() == jLabel32){

seatNo = 30;

}else if(e.getSource() == jLabel33){

seatNo = 31;

}else if(e.getSource() == jLabel34){

seatNo = 32;

}

JOptionPane.showMessageDialog(null, "Seat Number: " + seatNo);

}

public void mousePressed(MouseEvent e) {

//throw new UnsupportedOperationException("Not supported yet."); //To change
body of generated methods, choose Tools | Templates.

}

public void mouseReleased(MouseEvent e) {

}

public void mouseEntered(MouseEvent e) {

}

public void mouseExited(MouseEvent e) {

//throw new UnsupportedOperationException("Not supported yet."); //To change
body of generated methods, choose Tools | Templates.
```

```
}}
```

Check Booking:

```
package buspro;
import java.sql.*;
import java.text.SimpleDateFormat;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
public class CheckBooking extends javax.swing.JFrame {
public CheckBooking() {
initComponents();
}
int seat = 0;
private void initComponents() {
jLabel1 = new javax.swing.JLabel();
jDateChooser1 = new com.toedter.calendar.JDateChooser();
jButton1 = new javax.swing.JButton();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jLabel1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jLabel1.setText("Date");
jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton1.setText("Search");
jButton1.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton1ActionPerformed(evt);
} });
jTable1.setModel(new javax.swing.table.DefaultTableModel(
new Object [][] {
},
new String [] {
"ID", "CustomerName", "ContactNumber", "FromStation", "ToStation",
"SeatNumber", "Price", "Date"
}));
jScrollPane1.setViewportView(jTable1);
if (jTable1.getColumnModel().getColumnCount() > 0) {
jTable1.getColumnModel().getColumn(7).setResizable(false);
}
javax.swing.GroupLayout(getContentPane());
```

```
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
.addContainerGap()
.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 623,
Short.MAX_VALUE))
.addGroup(layout.createSequentialGroup()
.addGap(93, 93, 93)
.addComponent(jLabel1)
.addGap(18, 18, 18)
.addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(86, 86, 86)
.addComponent(jButton1)
.addGap(0, 174, Short.MAX_VALUE)))
.addContainerGap())
);
layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addGap(40, 40, 40)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAI
LING)
.addComponent(jButton1)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel1)))
.addGap(18, 18, 18)
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 324,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addContainerGap(23, Short.MAX_VALUE))
```

```
);
pack();
setLocationRelativeTo(null);
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
SimpleDateFormat date_format = new SimpleDateFormat("yyyy-MM-dd");
String date = date_format.format(jDateChooser1.getDate());
try {
Class.forName("com.mysql.jdbc.Driver");
Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/busbooking","root",""
);
Statement st = con.createStatement();
ResultSet temp = st.executeQuery("select * from buspage where date =
'"+date+"'");
if(temp.next()){
ResultSetMetaData rsd = temp.getMetaData();
int c = rsd.getColumnCount();
DefaultTableModel d = (DefaultTableModel)jTable1.getModel();
d.setRowCount(0);
ResultSet rs = st.executeQuery("select * from buspage  where date = '"+date+"'");
while(rs.next()){
Vector v2 = new Vector();
for(int i= 1; i<=c; i++){
v2.add(rs.getString("id"));
v2.add(rs.getString("name"));
v2.add(rs.getString("contact"));
v2.add(rs.getString("fromStation"));
v2.add(rs.getString("toStation"));
v2.add(rs.getString("seatNo"));
v2.add(rs.getString("price"));
v2.add(rs.getString("date"));
}
d.addRow(v2);
}}
else{
JOptionPane.showMessageDialog(this, "Bookings Not Found");
}}
catch (Exception e) {
JOptionPane.showMessageDialog(null,e);
```

```
}}//GEN-LAST:event_jButton1ActionPerformed
public static void main(String args[]) {

try {
for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
if ("Nimbus".equals(info.getName())) {
javax.swing.UIManager.setLookAndFeel(info.getClassName());
break;
}}
} catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(CheckBooking.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(CheckBooking.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(CheckBooking.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(CheckBooking.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
    }
    java.awt.EventQueue.invokeLater(new Runnable() {
       public void run() {
          new CheckBooking().setVisible(true);
       } });}
  // Variables declaration - do not modify//GEN-BEGIN:variables
  private javax.swing.JButton jButton1;
  private com.toedter.calendar.JDateChooser jDateChooser1;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JScrollPane jScrollPane1;
  private javax.swing.JTable jTable1;
  // End of variables declaration//GEN-END:variables
}
```
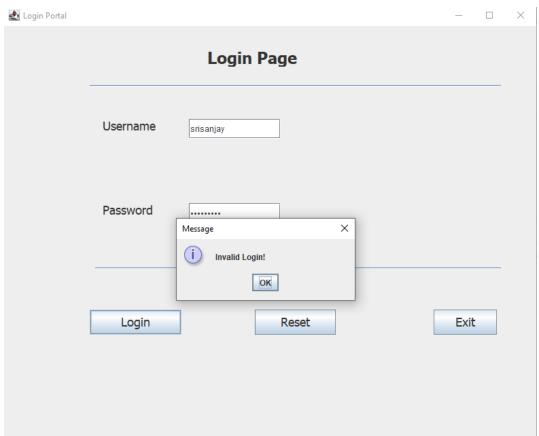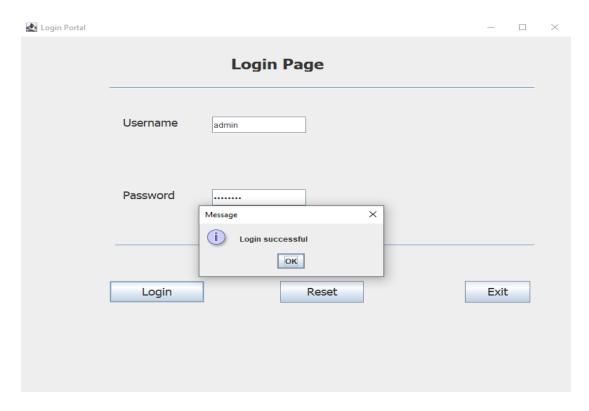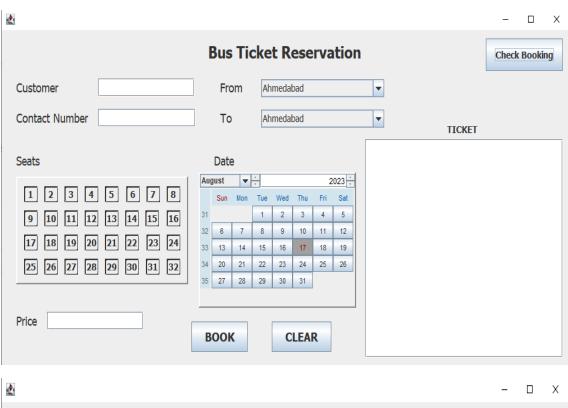
############**END OF THE SOURCE CODE**#############

♣ SAMPLE OUTPUTS
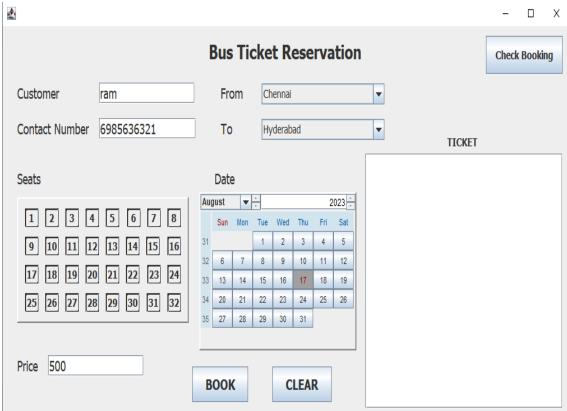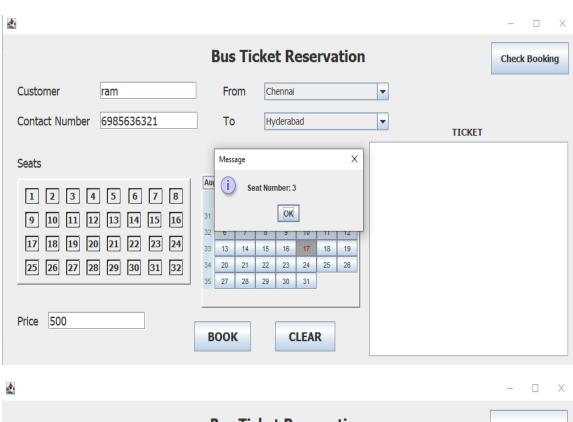
RESET BUTTON
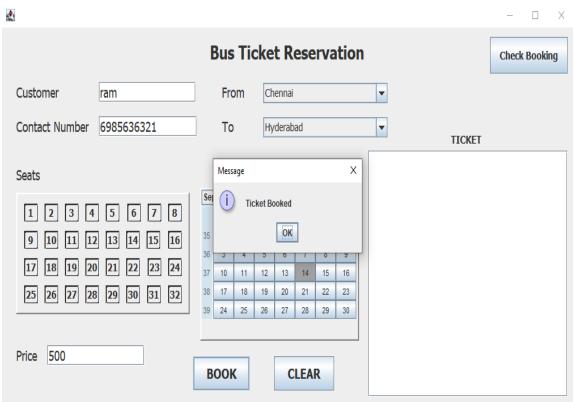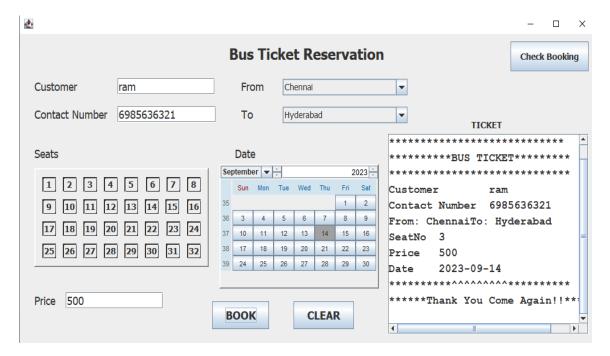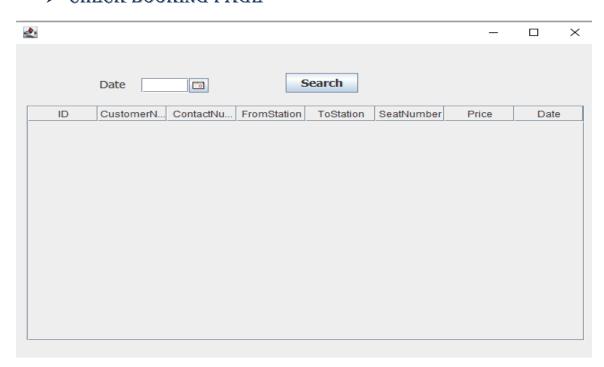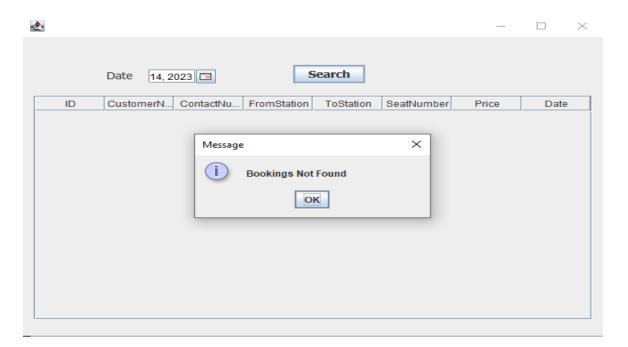
➤ CHECK BOOKING

> ➢ SELECTNG SEAT NUMBER

➢ DISPLAYING BOOKED TICKET

➢ CHECK BOOKING PAGE

➢ CHECKING BOOKED TICKET

ID	CustomerN...	ContactNu...	FromStation	ToStation	SeatNumber	Price	Date
2	jeyaram	9569632365	Chennai	Hyderabad	5	799	2023-09-04