JAVA PROJECT ON TRAVELING MANAGEMENT SYSTEM

ABSTRACT

This Java-based travel management system is developed using NetBeans IDE. It has two modules: an admin module and a user module. The admin module allows the administrator to add, delete, and modify travel arrangements. The user module allows users to search for travel arrangements, book them, and view their booking history. The system is designed to be user-friendly and efficient, and it can be used by both travel agents and individual travelers.

INTRODUCTION

Traveling can be a daunting task, especially when it comes to booking flights, hotels, and other travel arrangements. It can be time-consuming to search for the best deals, and it can be difficult to keep track of all of your bookings.

This is where a travel management system comes in. A travel management system is a software application that helps users to book travel arrangements, track their bookings, and manage their travel expenses.

This travel management system is developed using Java and NetBeans IDE. It does not use MySQL, but instead uses a different database management system. The system has two modules: an admin module and a user module.

The admin module allows the administrator to add, delete, and modify travel arrangements. The user module allows users to search for travel arrangements, book them, and view their booking history.

The system is designed to be user-friendly and efficient, and it can be used by both travel agents and individual travelers.

DESIGN AND FEATURES

Design Considerations:

- User-Friendly Interface: Create an intuitive and visually appealing graphical user interface (GUI) that accommodates users of all skill levels.
- Text Selection: Offer a variety of texts of varying lengths and complexity for users to practice typing. Implement an option to randomly select texts.
- Real-Time Feedback: Provide instant feedback to users as they type, indicating correctness and errors.

Features:

- Search and Booking: Users can search for available buses based on routes, dates, and times. The booking process involves seat selection and payment.

- Seat Management: The application manages seat availability and reservations, preventing overbooking.

- Reservation History: Users can view their booking history, aiding in better management of future trips.

- Admin Dashboard: Admins have access to an administrative dashboard to manage buses, routes, and user accounts.

- Bill Projection: Provides the generated bill along with the seat number and date.

Prerequisite:

- **Java Development Kit (JDK):** NetBeans is an Integrated Development Environment that requires the Java Development Kit (JDK) to compile and run Java applications. Make sure you have a compatible version of JDK installed on your system. You can download the latest version of the JDK from the official Oracle website or use an OpenJDK distribution.
- **NetBeans IDE:** You must have NetBeans IDE installed on your computer. NetBeans is a free and open-source IDE that provides a user-friendly environment for developing Java applications.
- **System Requirements:** Ensure that your system meets the minimum requirements for running NetBeans IDE. This includes having sufficient memory, disk space, and a compatible operating system.
- **Project Setup:** If you're planning to run an existing Java project in NetBeans, ensure that the project files are organized according to NetBeans conventions. If you're starting a new project, you can create it within NetBeans using the appropriate project template.
- **Project Dependencies:** If your Java application depends on external libraries or modules, make sure you have these dependencies properly configured within your NetBeans project.
- **Source Code:** Your Java application's source code should be available on your local machine or in a version control repository that NetBeans can access.
- **Configuration:** Ensure that your NetBeans IDE is configured properly. This includes setting up the JDK, adjusting project properties, and configuring any additional tools or plugins you might need.
- **Build Configuration:** Verify that your project's build configuration is set up correctly. This includes specifying the main class if your application consists of multiple classes.

System Architecture:

The application is built on a multi-layered architecture, comprising the presentation layer (GUI), business logic layer, and data access layer. The GUI is constructed using Java's Swing library, creating an interactive and visually appealing interface. The business logic layer handles user interactions, processes booking requests, and communicates with the data access layer for retrieving and storing data.

Graphical User Interface:

- The GUI component of the system is pivotal in enhancing user experience:
- Intuitive Design: The GUI is designed with a focus on user-friendliness and ease of navigation.
- Visual Seat Selection: Users can choose seats using a graphical representation of the bus layout, providing a seamless booking process.
- Interactive Forms: Form fields are designed for user input, ensuring a straightforward and error-free booking process.
- Responsive Layout: The GUI adapts to different screen sizes and devices, catering to a wide range of users.

Advantages:

- **Platform Independence:** Java is platform-independent, allowing the bus booking system to run on various operating systems without modification.
- **Wide Adoption:** Java is widely used and supported, ensuring that the bus booking system can be easily maintained and extended.
- **Strong Community:** Java has a large and active developer community, providing access to resources, libraries, and frameworks that can enhance the system's functionality.
- **Security:** Java's robust security features protect the system from vulnerabilities, making it suitable for handling sensitive customer data and financial transactions.
- **Object-Oriented Programming:** Java's object-oriented nature promotes modular design and code reusability, making the system more maintainable and scalable.

Disadvantages:

- **Performance Overhead:** Java applications might have a slightly higher performance overhead compared to systems written in lower-level languages like C++. However, modern Java optimizations have significantly minimized this gap.
- **Memory Consumption:** Java applications can consume more memory compared to applications written in languages like C. Proper memory management practices are crucial to mitigate this issue.
- **Learning Curve:** Developing in Java might require a learning curve for developers who are new to the language, potentially affecting initial development speed.
- **Start-up Time:** Java applications might have a longer start-up time due to the Java Virtual Machine (JVM) initialization process.
- **Resource Usage:** Java applications might consume more system resources compared to applications in languages like C, which can lead to higher infrastructure costs.

Testing and Debugging:

The system underwent rigorous testing to ensure functionality, usability, and robustness:

- **Unit Testing:** Each module was individually tested to verify its correctness and reliability.
- **Integration Testing:** Modules were integrated to validate communication and data flow between layers.
- **User Acceptance Testing:** Involved potential users to gather feedback on usability and identify areas for improvement.

Code:

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package Travel_Management_System;
import java.text.SimpleDateFormat;
import java.util.Calendar;
import javafx.scene.paint.Color;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
/**
 *
 * @author DataFlair
 */
public class Travelling_Management_Systems extends javax.swing.JFrame {
/**
 * Creates new form
 */
public Travelling_Management_Systems() {
initComponents();
}
/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
```

```java
// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents
private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel8 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jPanel2 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jtxtTelephone = new javax.swing.JTextField();

jtxtFirstname = new javax.swing.JTextField();

jtxtSurname = new javax.swing.JTextField();

jtxtAddress = new javax.swing.JTextField();

jtxtPostCode = new javax.swing.JTextField();

jLabel5 = new javax.swing.JLabel();

jtxtEmail = new javax.swing.JTextField();

jPanel3 = new javax.swing.JPanel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jRbAdultYes = new javax.swing.JRadioButton();

jRbChildYes = new javax.swing.JRadioButton();

jRbSingle = new javax.swing.JRadioButton();

jRbReturn = new javax.swing.JRadioButton();

jRbStd = new javax.swing.JRadioButton();
```

```java
jRbEco = new javax.swing.JRadioButton();
jRbFirst = new javax.swing.JRadioButton();
jPanel4 = new javax.swing.JPanel();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
jLabel18 = new javax.swing.JLabel();
jlblSubTotal = new javax.swing.JLabel();
jlblTax = new javax.swing.JLabel();
jlblTotal = new javax.swing.JLabel();
jbtnTotal = new javax.swing.JButton();
jbtnReset = new javax.swing.JButton();
jPanel5 = new javax.swing.JPanel();
jScrollPane1 = new javax.swing.JScrollPane();
jtxtReceipt = new javax.swing.JTextArea();
jLabel9 = new javax.swing.JLabel();
jbtnReceipt = new javax.swing.JButton();
jbtnExit1 = new javax.swing.JButton();
jDeparture = new javax.swing.JComboBox();
jLabel15 = new javax.swing.JLabel();
jLabel19 = new javax.swing.JLabel();
jAccommodation = new javax.swing.JComboBox();
jLabel20 = new javax.swing.JLabel();
jDestination = new javax.swing.JComboBox();
jRbLuggage = new javax.swing.JRadioButton();
jRbInsurance = new javax.swing.JRadioButton();
jRbAirportTax = new javax.swing.JRadioButton();
jRbMiles = new javax.swing.JRadioButton();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```java
jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 8));

jPanel1.setBackground(java.awt.Color.BLUE);

jLabel8.setIcon(new javax.swing.ImageIcon("")); // NOI18N

jPanel1.add(jLabel8);

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 86)); // NOI18N

jLabel1.setText("Travel Management System");

jPanel1.add(jLabel1);

getContentPane().add(jPanel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 1340, 130));

jPanel2.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 4));

jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel2.setBackground(java.awt.Color.GREEN);

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Telephone");

jPanel2.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10,
180, -1, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("Firstname");

jPanel2.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 20,
-1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel4.setText("Surname");

jPanel2.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 60,
-1, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel6.setText("Address");

jPanel2.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10,
100, -1, -1));
```

```java
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel7.setText("Post Code");

jPanel2.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 140, -1, -1));

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

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

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

jtxtTelephoneActionPerformed(evt);

}

});

jPanel2.add(jtxtTelephone, new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 180, 200, -1));

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

jPanel2.add(jtxtFirstname, new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 20, 200, -1));

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

jPanel2.add(jtxtSurname, new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 60, 200, -1));

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

jPanel2.add(jtxtAddress, new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 100, 200, -1));

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

jPanel2.add(jtxtPostCode, new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 140, 200, -1));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel5.setText("Email");

jPanel2.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 220, -1, -1));

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

jPanel2.add(jtxtEmail, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 220, 200, -1));
```

```
getContentPane().add(jPanel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 150, 400, 260));

jPanel3.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0,
0), 4, true));

jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel3.setBackground(java.awt.Color.yellow);

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel11.setText("Flight");

jPanel3.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(30,
10, -1, -1));

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel12.setText("Ticket ");

jPanel3.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(200,
10, -1, -1));

jLabel13.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel13.setText("Child ");

jPanel3.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(430,
10, -1, -1));

jLabel14.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel14.setText("Adult");

jPanel3.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(330,
10, -1, -1));

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

jRbAdultYes.setText("Yes");

jPanel3.add(jRbAdultYes, new
org.netbeans.lib.awtextra.AbsoluteConstraints(320, 60, -1, -1));

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

jRbChildYes.setText("Yes");

jPanel3.add(jRbChildYes, new
org.netbeans.lib.awtextra.AbsoluteConstraints(420, 60, -1, -1));
```

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

jRbSingle.setText("Single");

jPanel3.add(jRbSingle, new org.netbeans.lib.awtextra.AbsoluteConstraints(190,
60, -1, -1));

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

jRbReturn.setText("Return");

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

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

jRbReturnActionPerformed(evt);

}

});

jPanel3.add(jRbReturn, new org.netbeans.lib.awtextra.AbsoluteConstraints(190,
110, -1, -1));

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

jRbStd.setText("Standard");

jPanel3.add(jRbStd, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 60,
-1, -1));

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

jRbEco.setText("Economy");

jPanel3.add(jRbEco, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
110, -1, -1));

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

jRbFirst.setText("First Class");

jPanel3.add(jRbFirst, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
160, -1, -1));

getContentPane().add(jPanel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 420, 510, 220));

jPanel4.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 4));

jPanel4.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel4.setBackground(java.awt.Color.red);
```

```java
jLabel16.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel16.setText("Sub Total");

jPanel4.add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 40, -1, -1));

jLabel17.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel17.setText("Tax");

jPanel4.add(jLabel17, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 80, -1, -1));

jLabel18.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel18.setText("Total");

jPanel4.add(jLabel18, new org.netbeans.lib.awtextra.AbsoluteConstraints(27, 117, -1, -1));

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

jlblSubTotal.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 4));

jPanel4.add(jlblSubTotal, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 30, 290, 34));

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

jlblTax.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 4));

jPanel4.add(jlblTax, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 70, 290, 34));

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

jlblTotal.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 4));

jPanel4.add(jlblTotal, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 110, 290, 34));

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

jbtnTotal.setText("Total");

jbtnTotal.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jbtnTotalMouseClicked(evt);
```

```java
}

public void mouseReleased(java.awt.event.MouseEvent evt) {

jbtnTotalMouseReleased(evt);

}

});

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

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

jbtnTotalActionPerformed(evt);

}

});

jPanel4.add(jbtnTotal, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
180, 200, -1));

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

jbtnReset.setText("Reset");

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

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

jbtnResetActionPerformed(evt);

}

});

jPanel4.add(jbtnReset, new org.netbeans.lib.awtextra.AbsoluteConstraints(240,
180, 200, -1));

getContentPane().add(jPanel4, new
org.netbeans.lib.awtextra.AbsoluteConstraints(530, 420, 460, 220));

jPanel5.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.B
orderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 3), "Receipt",
javax.swing.border.TitledBorder.DEFAULT_JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24))); // NOI18N

jPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jtxtReceipt.setColumns(20);

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

```java
jtxtReceipt.setRows(5);

jScrollPane1.setViewportView(jtxtReceipt);

jPanel5.add(jScrollPane1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 40, 340, 410));

jLabel9.setIcon(new javax.swing.ImageIcon("")); // NOI18N

jPanel5.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(320,
450, -1, -1));

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

jbtnReceipt.setText("Receipt");

jbtnReceipt.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jbtnReceiptMouseClicked(evt);

}

});

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

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

jbtnReceiptActionPerformed(evt);

}

});

jPanel5.add(jbtnReceipt, new org.netbeans.lib.awtextra.AbsoluteConstraints(30,
460, 120, -1));

jbtnExit1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jbtnExit1.setText("Exit");

jbtnExit1.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jbtnExit1MouseClicked(evt);

}

});

jbtnExit1.addActionListener(new java.awt.event.ActionListener() {

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

```java
            jbtnExit1ActionPerformed(evt);
        }
    });

    jPanel5.add(jbtnExit1, new org.netbeans.lib.awtextra.AbsoluteConstraints(170,
    460, 120, -1));

    getContentPane().add(jPanel5, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(990, 140, 360, 500));

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

    jDeparture.setModel(new javax.swing.DefaultComboBoxModel(new String[] {
    "None", "Heathrow", "Gatwick ", "Stansted", "Southend" }));

    getContentPane().add(jDeparture, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(595, 150, 380, -1));

    jLabel15.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

    jLabel15.setText("Departure Point");

    getContentPane().add(jLabel15, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(420, 150, -1, -1));

    jLabel19.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

    jLabel19.setText("Destination");

    getContentPane().add(jLabel19, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(420, 210, -1, -1));

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

    jAccommodation.setModel(new javax.swing.DefaultComboBoxModel(new
    String[] { "None", "Single", "Double", "Extra", " " }));

    getContentPane().add(jAccommodation, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(600, 270, 380, -1));

    jLabel20.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

    jLabel20.setText("Accommodation ");

    getContentPane().add(jLabel20, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(420, 280, -1, -1));

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

    jDestination.setModel(new javax.swing.DefaultComboBoxModel(new String[]
    { "None", "Canada -  7 Days in Toronto", "Canada -  7 Days in Ottawa",
```

"Norway - 7 Days in Oslo", "Nigeria - 5 Days in Lagos Eko Atlantic ", "India - 5 Days in New Delhi", "Italy - 5 Days in Rome", "USA - 5 Days in Dallas Fort Worth", "USA - 5 Days in Alaska", "UK - 5 Days in London", "UK - 5 Days in Wales", "France - 7 Days in Paris", "Kenya - 5 Days in Nairobi", "Ghana - 5 Days in Accra", "South Africa - 4 Days in Cape Town", "Brazil - 4 Days in Sao Paulo", "Jamaican - 4 Days in Kingston", "Phillppines - 4 Days in Manila", "Ireland - 4 Days in Dublin" }));

getContentPane().add(jDestination, new org.netbeans.lib.awtextra.AbsoluteConstraints(600, 210, 380, -1));

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

jRbLuggage.setText("Ext Luggage");

getContentPane().add(jRbLuggage, new org.netbeans.lib.awtextra.AbsoluteConstraints(710, 370, -1, -1));

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

jRbInsurance.setText("Travelling Insurance Paid");

getContentPane().add(jRbInsurance, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 370, -1, -1));

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

jRbAirportTax.setText("Airport Tax Paid");

getContentPane().add(jRbAirportTax, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 330, -1, -1));

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

jRbMiles.setText("Air Miles Over 20000");

getContentPane().add(jRbMiles, new org.netbeans.lib.awtextra.AbsoluteConstraints(710, 330, -1, -1));

pack();

setLocationRelativeTo(null);

}// </editor-fold>//GEN-END:initComponents

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

// TODO add your handling code here:

}//GEN-LAST:event_jRbReturnActionPerformed

```java
private void jbtnTotalMouseClicked(java.awt.event.MouseEvent evt) {//GEN-
FIRST:event_jbtnTotalMouseClicked

double Nigeria = 450;

double Canada_T = 320;

double Canada_O = 350;

double India = 820;

double SAfrica= 760;

double Kenya= 730;

double Ghana = 480;

double Norway = 130;

double Italy = 170;

double USA_D = 330;

double USA_A = 760;

double UK_L= 55;

double UK_W= 170;

double France = 120;

double Brazil = 560;

double Jamaica = 480;

double Phillppines = 890;

double Ireland = 155;

double Acc_Single = 45;

double Acc_Double = 45;

double Acc_Extra = 45;

double Std_Flight = 2.5;

double Eco_Flight = 65.5;

double Firstclass_Flight = 122.5;

double Airport_Tax = 6.7;

double Air_Miles = 85.9;

double Insurance = 62.4;
```

```java
double Ext_Luggage = 25.9;
double[] TravelCost = new double[20];
double iTax = 4.5;
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Toronto"))&&
jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected()))
{
TravelCost[0] = Canada_T + Acc_Single + Std_Flight ;
TravelCost[1]= ((TravelCost[0] * iTax)/100);
String Tax =  String.format("$%.2f", TravelCost[1]);
jlblTax.setText((Tax));
String subTotal =  String.format("$%.2f", TravelCost[0]);
jlblSubTotal.setText(subTotal);
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
jlblTotal.setText(Total);
}
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Toronto"))&&
jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
& jRbAirportTax.isSelected())
{
TravelCost[0] = Canada_T + Acc_Single + Std_Flight + Airport_Tax ;
TravelCost[1]= ((TravelCost[0] * iTax)/100);
String Tax =  String.format("$%.2f", TravelCost[1]);
jlblTax.setText((Tax));
String subTotal =  String.format("$%.2f", TravelCost[0]);
jlblSubTotal.setText(subTotal);
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
jlblTotal.setText(Total);
}
```

```java
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Toronto"))&&
jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&
jRbAirportTax.isSelected()&& jRbMiles.isSelected())
{
TravelCost[0] = Canada_T + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles;
TravelCost[1]= ((TravelCost[0] * iTax)/100);
String Tax =  String.format("$%.2f", TravelCost[1]);
jlblTax.setText((Tax));
String subTotal =  String.format("$%.2f", TravelCost[0]);
jlblSubTotal.setText(subTotal);
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
jlblTotal.setText(Total);
}
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Toronto"))&&
jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&
jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected())
{
TravelCost[0] = Canada_T + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles + Insurance ;
TravelCost[1]= ((TravelCost[0] * iTax)/100);
String Tax =  String.format("$%.2f", TravelCost[1]);
jlblTax.setText((Tax));
String subTotal =  String.format("$%.2f", TravelCost[0]);
jlblSubTotal.setText(subTotal);
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
jlblTotal.setText(Total);
```

```java
}
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Toronto"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected() && jRbLuggage.isSelected())

{
TravelCost[0] = Canada_T + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles + Insurance + Ext_Luggage;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}
//===========================================================
==================================================

if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Ottawa"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected()))

{
TravelCost[0] = Canada_O + Acc_Single + Std_Flight ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);
```

```
}
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Ottawa"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
& jRbAirportTax.isSelected())

{

TravelCost[0] = Canada_O + Acc_Single + Std_Flight + Airport_Tax ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Ottawa"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected())

{

TravelCost[0] = Canada_O + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}
```

```java
if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Ottawa"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected())

{

TravelCost[0] = Canada_O + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles + Insurance ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}


if ((jDestination.getSelectedItem().equals("Canada -  7 Days in Ottawa"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected() && jRbLuggage.isSelected())

{

TravelCost[0] = Canada_O + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles + Insurance + Ext_Luggage;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
```

```java
jlblTotal.setText(Total);

}

//==========================================================
==================================================

if ((jDestination.getSelectedItem().equals("Norway - 7 Days in Oslo"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected()))

{

TravelCost[0] = Norway + Acc_Single + Std_Flight ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Norway - 7 Days in Oslo"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
& jRbAirportTax.isSelected())

{

TravelCost[0] = Norway + Acc_Single + Std_Flight + Airport_Tax ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}
```

```java
if ((jDestination.getSelectedItem().equals("Norway - 7 Days in Oslo"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected())

{

TravelCost[0] = Norway + Acc_Single + Std_Flight + Airport_Tax +
Air_Miles;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Norway - 7 Days in Oslo"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected())

{

TravelCost[0] = Norway + Acc_Single + Std_Flight + Airport_Tax + Air_Miles
+ Insurance ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
```

```java
jlblTotal.setText(Total);

}
if ((jDestination.getSelectedItem().equals("Norway - 7 Days in Oslo"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected()))&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected() && jRbLuggage.isSelected())

{

TravelCost[0] = Norway + Acc_Single + Std_Flight + Airport_Tax + Air_Miles
+ Insurance + Ext_Luggage;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}
//==========================================================
==================================================

if ((jDestination.getSelectedItem().equals("Nigeria - 5 Days in Lagos Eko
Atlantic"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected()))

{

TravelCost[0] = Nigeria + Acc_Single + Std_Flight ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);
```

```java
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Nigeria - 5 Days in Lagos Eko
Atlantic"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
& jRbAirportTax.isSelected())

{

TravelCost[0] = Nigeria + Acc_Single + Std_Flight + Airport_Tax ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Nigeria - 5 Days in Lagos Eko
Atlantic"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected())

{

TravelCost[0] = Nigeria + Acc_Single + Std_Flight + Airport_Tax + Air_Miles;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);
```

```java
jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Nigeria - 5 Days in Lagos Eko
Atlantic"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected())

{

TravelCost[0] = Nigeria + Acc_Single + Std_Flight + Airport_Tax + Air_Miles
+ Insurance ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("Nigeria - 5 Days in Lagos Eko
Atlantic"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected() && jRbLuggage.isSelected())

{

TravelCost[0] = Nigeria + Acc_Single + Std_Flight + Airport_Tax + Air_Miles
+ Insurance + Ext_Luggage;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));
```

```java
String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}
//===========================================================
=================================================

if ((jDestination.getSelectedItem().equals("India - 5 Days in New Delhi"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected()))

{

TravelCost[0] = India + Acc_Single + Std_Flight ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("India - 5 Days in New Delhi"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
& jRbAirportTax.isSelected())

{

TravelCost[0] = India + Acc_Single + Std_Flight + Airport_Tax ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);
```

```java
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("India - 5 Days in New Delhi"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&&

jRbAirportTax.isSelected()&& jRbMiles.isSelected())

{

TravelCost[0] = India + Acc_Single + Std_Flight + Airport_Tax + Air_Miles;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("India - 5 Days in New Delhi"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected())

{

TravelCost[0] = India + Acc_Single + Std_Flight + Airport_Tax + Air_Miles +
Insurance ;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);
```

```java
String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}

if ((jDestination.getSelectedItem().equals("India - 5 Days in New Delhi"))&&

jAccommodation.getSelectedItem().equals("Single")&&(jRbStd.isSelected())&
&

jRbAirportTax.isSelected()&& jRbMiles.isSelected()
&&jRbInsurance.isSelected() && jRbLuggage.isSelected())

{

TravelCost[0] = India + Acc_Single + Std_Flight + Airport_Tax + Air_Miles +
Insurance + Ext_Luggage;

TravelCost[1]= ((TravelCost[0] * iTax)/100);

String Tax =  String.format("$%.2f", TravelCost[1]);

jlblTax.setText((Tax));

String subTotal =  String.format("$%.2f", TravelCost[0]);

jlblSubTotal.setText(subTotal);

String Total =String.format("$%.2f", TravelCost[0] + TravelCost[1]);

jlblTotal.setText(Total);

}
//============================================================
====================================================

}//GEN-LAST:event_jbtnTotalMouseClicked

private void jbtnTotalMouseReleased(java.awt.event.MouseEvent evt) {//GEN-
FIRST:event_jbtnTotalMouseReleased

}//GEN-LAST:event_jbtnTotalMouseReleased

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

}//GEN-LAST:event_jbtnTotalActionPerformed

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

jlblTax.setText(null);
```

```java
        jlblSubTotal.setText(null);

        jlblTotal.setText(null);

        jtxtFirstname.setText(null);

        jtxtPostCode.setText(null);

        jtxtSurname.setText(null);

        jtxtAddress.setText(null);

        jtxtTelephone.setText(null);

        jtxtEmail.setText(null);

        jtxtReceipt.setText(null);

        jDeparture.setSelectedItem("None");

        jAccommodation.setSelectedItem("None");

        jDestination.setSelectedItem("None");

        jRbStd.setSelected(false);

        jRbEco.setSelected(false);

        jRbFirst.setSelected(false);

        jRbSingle.setSelected(false);

        jRbReturn.setSelected(false);

        jRbAdultYes.setSelected(false);

        jRbChildYes.setSelected(false);

        jRbAirportTax.setSelected(false);

        jRbInsurance.setSelected(false);

        jRbMiles.setSelected(false);

        jRbLuggage.setSelected(false);

    }//GEN-LAST:event_jbtnResetActionPerformed

    private void jbtnReceiptMouseClicked(java.awt.event.MouseEvent evt)
    {//GEN-FIRST:event_jbtnReceiptMouseClicked

    }//GEN-LAST:event_jbtnReceiptMouseClicked

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

```java
Calendar timer = Calendar.getInstance();

timer.getTime();

SimpleDateFormat tTime = new SimpleDateFormat("HH:mm:ss");

String iTime= (tTime.format(timer.getTime()));

SimpleDateFormat Tdate = new SimpleDateFormat("dd-MMM-yyyy");

String iDate = (Tdate.format(timer.getTime()));

int num1;

String ref ="";

num1 = 1325 + (int) (Math.random()*4238);

ref += num1 + 1325;

//====================================================================

String Firstname = (jtxtFirstname.getText());

String Surname = (jtxtSurname.getText());

String address = (jtxtAddress.getText());

String postcode =(jtxtPostCode.getText());

String telephone = (jtxtTelephone.getText());

String Email = (jtxtEmail.getText());

String rTax = (jlblTax.getText());

String rSubTotal = (jlblSubTotal.getText());

String rTotal = (jlblTotal.getText());

jtxtReceipt.append("\tTravel Management System:\n\n"

+"Ref:\t\t\t" + ref

+"\n-----------------------------------"

+"\nName:\t\t\t" + Firstname

+"\nSurname:\t\t" + Surname

+"\nAddress:\t\t"+ address

+"\nPostcode:\t\t"+ postcode

+"\nTelephone:\t\t"+ telephone
```

```java
+"\nCost of Car:\t\t"+ Email
+"\nTax:\t\t\t"+ rTax
+ "\nSub Total:\t\t"+ rSubTotal
+"\nTotal:\t\t\t"+ rTotal
+"\n-------------------------------------"
+"\nDate:"+  iDate + " \tTime:" + iTime
+"\n\n\tThanks for Using \n\tTravel Management System"
);
}//GEN-LAST:event_jbtnReceiptActionPerformed

private void jbtnExit1MouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event_jbtnExit1MouseClicked
// TODO add your handling code here:
}//GEN-LAST:event_jbtnExit1MouseClicked

private JFrame frame;

private void jbtnExit1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jbtnExit1ActionPerformed
frame = new JFrame("Exit");
if (JOptionPane.showConfirmDialog(frame, "Confirm if you want to exit","Travel Management System",
JOptionPane.YES_NO_OPTION) == JOptionPane.YES_NO_OPTION){
System.exit(0);
}
}//GEN-LAST:event_jbtnExit1ActionPerformed

private void jtxtTelephoneActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jtxtTelephoneActionPerformed
// TODO add your handling code here:
}//GEN-LAST:event_jtxtTelephoneActionPerformed
/**
* @param args the command line arguments
*/
```

```java
public static void main(String args[]) {

/* Set the Nimbus look and feel */

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">

/* If Nimbus (introduced in Java SE 6) is not available, stay with the default
look and feel.

* For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

*/

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(Travelling_Management_Systems.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>
```

```java
/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
public void run() {
new Travelling_Management_Systems().setVisible(true);
}
});
}
// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JComboBox jAccommodation;
private javax.swing.JComboBox jDeparture;
private javax.swing.JComboBox jDestination;
private javax.swing.JLabel jLabel1;
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 jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
```

```java
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JPanel jPanel5;
private javax.swing.JRadioButton jRbAdultYes;
private javax.swing.JRadioButton jRbAirportTax;
private javax.swing.JRadioButton jRbChildYes;
private javax.swing.JRadioButton jRbEco;
private javax.swing.JRadioButton jRbFirst;
private javax.swing.JRadioButton jRbInsurance;
private javax.swing.JRadioButton jRbLuggage;
private javax.swing.JRadioButton jRbMiles;
private javax.swing.JRadioButton jRbReturn;
private javax.swing.JRadioButton jRbSingle;
private javax.swing.JRadioButton jRbStd;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JButton jbtnExit1;
private javax.swing.JButton jbtnReceipt;
private javax.swing.JButton jbtnReset;
private javax.swing.JButton jbtnTotal;
private javax.swing.JLabel jlblSubTotal;
private javax.swing.JLabel jlblTax;
private javax.swing.JLabel jlblTotal;
private javax.swing.JTextField jtxtAddress;
private javax.swing.JTextField jtxtEmail;
private javax.swing.JTextField jtxtFirstname;
```

private javax.swing.JTextField jtxtPostCode;

private javax.swing.JTextArea jtxtReceipt;

private javax.swing.JTextField jtxtSurname;

private javax.swing.JTextField jtxtTelephone;

// End of variables declaration//GEN-END:variables

}

Output:

Fig: Booking Page

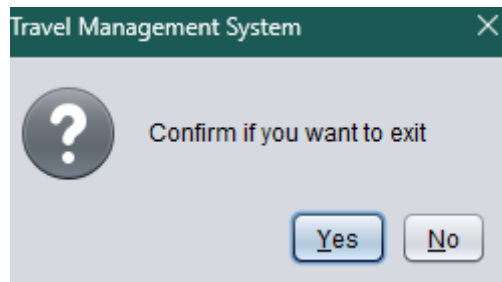Fig : Details Fill up page

Fig: Receipt Page

Fig: Exit Button

Conclusion

In conclusion, the travel management system is a valuable tool for both travel agents and individual travelers alike. It can help them to book travel arrangements quickly and easily, and it can help them to save time and money. The system is designed to be user-friendly and efficient, and it can be used by both travel agents and individual travelers.The system is still under development, but it has the potential to be a very useful tool for anyone who travels. I hope that this project will be successful and that it will help to make travel planning easier for everyone.

References

- **W3Schools Java Tutorial:** W3Schools also provides a Java tutorial section that covers basic and advanced Java concepts.
  - Website: https://www.w3schools.com
- **JavaTpoint:** JavaTpoint offers a comprehensive set of Java tutorials, examples, and exercises for beginners and intermediate learners. Their content is similar to W3Schools.
  - Website: https://www.javatpoint.com/
- **TutorialsPoint Java Tutorial:** TutorialsPoint provides tutorials and resources for various programming languages, including Java. Their Java tutorials cover a wide range of topics.
  - Website: https://www.tutorialspoint.com/java/index.htm

- **GeeksforGeeks Java:** GeeksforGeeks is known for its detailed programming tutorials and coding practice problems. Their Java section covers a broad spectrum of Java programming concepts.
  - Website: https://www.geeksforgeeks.org/java/
- **Programiz Java Tutorial:** Programiz offers tutorials and examples for programming languages, including Java. They provide interactive coding examples to help you understand concepts.
  - Website: https://www.programiz.com/java-programming
- **Java Code Geeks:** Java Code Geeks provides tutorials, articles, and examples related to Java programming and related technologies. The content is contributed by Java developers.
  - Website: https://www.javacodegeeks.com/
- **Baeldung:** Baeldung focuses on in-depth tutorials and articles related to Java, Spring Framework, and related technologies. The content is geared towards more advanced Java developers.
  - Website: https://www.baeldung.com/