User Manual

A guide to help you through

Let's look after the Information System and its every component for you to understand on how to use them and be familiar with it

Having trouble while providing input details?

Passenger Info

Passenger Code

Passenger Name

Destination   Choose a Destination ▼

Airlines   Choose an Airline ▼

Class   ○ First Class   ○ Business Class
    ○ Economic Class

Route   ☐ One Way   ☐ Two Way

Price

Add to Table	Clear all Sections
Update	Delete

The points to remember while providing user input details are as follows are as follows:

1. The GUI does not accept letters or alphabetic characters for the Passenger Code and Price text fields. The value must be specified as a numeric integer, ranging from 0 to 9. If the user does not comply, a warning sign is displayed.

```
                          Invalid Number.
    Passenger Code        [                    ]
```

```
                          Invalid Number.
    Price                 [                    ]
```
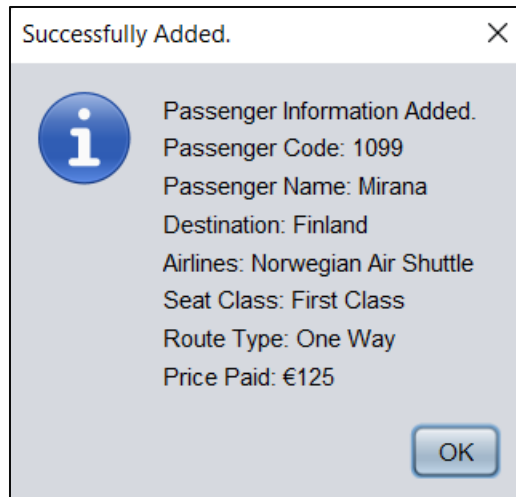
2. The Passenger Name field in the GUI does not permit numeric or special characters. The value must be in the alphabetic format, i.e., a-z and A-Z. Each time the user fails to do so, a warning sign is displayed.
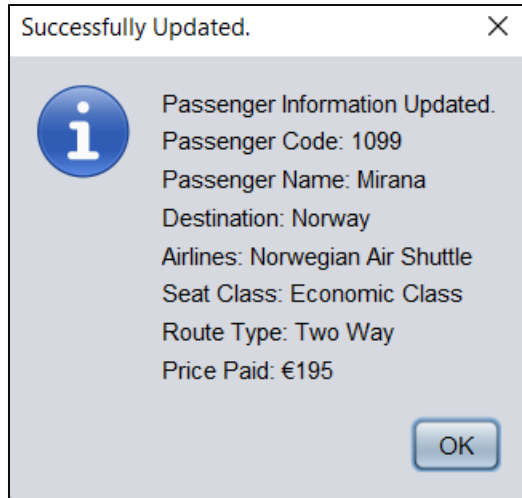
```
                          Invalid Text.
    Passenger Name        [                    ]
```

3. The passenger's filling form must not be left blank. All relevant passenger information must be filled in accurately with correct data in the text fields; one item of the combo boxes must be selected, and one of the radio buttons or check boxes from its option must be selected.

4. Once valid data are inputted in the required components and the user wishes to add the respective details to the table, the add to table button is optimized. The system examines passing of valid data and once approved, a pop-up box is displayed for the conformation to let the user know the addition of the details of the passenger.

Successfully Added.   ✕

ℹ   Passenger Information Added.
Passenger Code: 1099
Passenger Name: Mirana
Destination: Finland
Airlines: Norwegian Air Shuttle
Seat Class: First Class
Route Type: One Way
Price Paid: €125

OK

5. The clear button clears all text fields, resets the index of combo boxes to zero, and deselects all radio buttons and check boxes, allowing the user to re-enter new information in a cleared platform.

6. The update button can be optimized to update any passenger details whenever a row of data is selected and changes are applied to the existing value, which can be approved via a pop-up window.

Successfully Updated.   ✕

ℹ   Passenger Information Updated.
    Passenger Code: 1099
    Passenger Name: Mirana
    Destination: Norway
    Airlines: Norwegian Air Shuttle
    Seat Class: Economic Class
    Route Type: Two Way
    Price Paid: €195

                                    OK

7. When the user intends to delete details for the entire chosen row, the delete button is recommended. Thus, a pop-up window can be used to confirm the deletion of a particular data row selected by the user.
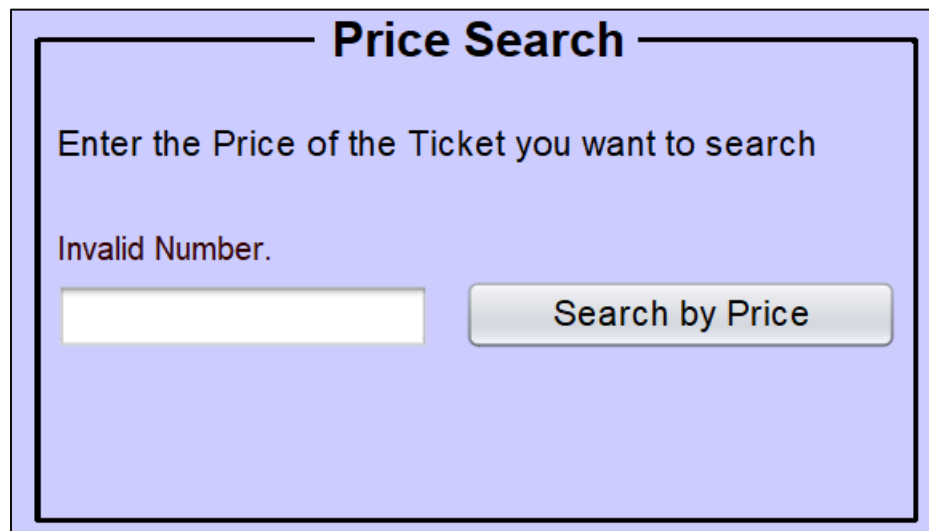
Successfully Removed.   ✕

ℹ   Passenger Information Removed.

                                    OK
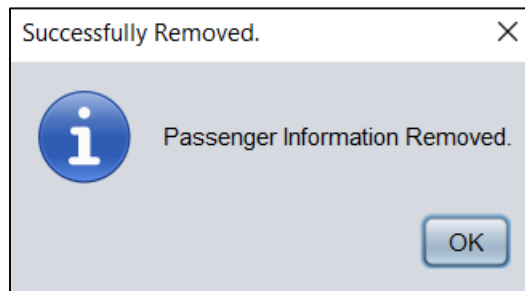
Having trouble while searching the details of the passengers?

Price Search	Category Search
Enter the Price of the Ticket you want to search	Enter the Destination and Airlines you want to search
	Destination List ▾ Search by Destination
[_____] Search by Price	Airline List ▾ Search by Airline

Listed are some points to remember while searching details which may help you:
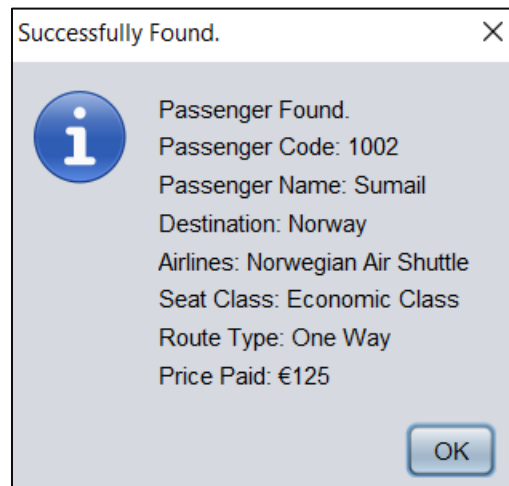
8. The price search text field accepts only numbers; therefore, if any letters or symbols are entered, a warning message is displayed and the user is unable to enter any components other than numbers.

Price Search

Enter the Price of the Ticket you want to search
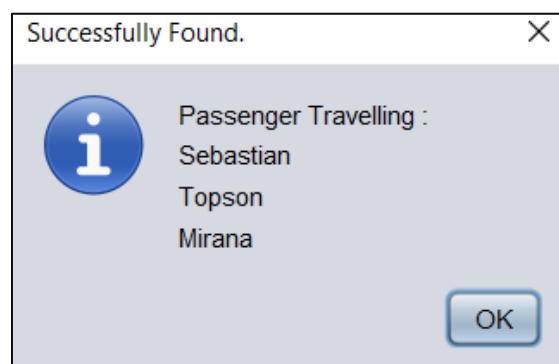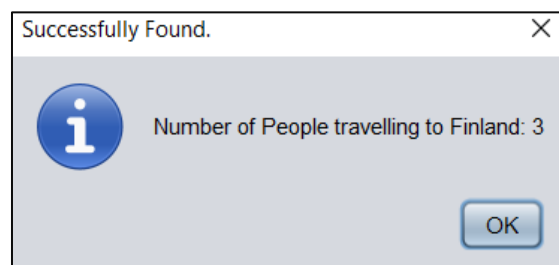
Invalid Number.

[_____] Search by Price

9. The search by price button enables the user to look up a specific individual who paid that price while booking their plane tickets.

10. In the event that the same price is paid by many passengers, only the passenger whose information is stored first is displayed.

```
Successfully Found.                          ✕

   ⓘ      Passenger Found.
          Passenger Code: 1002
          Passenger Name: Sumail
          Destination: Norway
          Airlines: Norwegian Air Shuttle
          Seat Class: Economic Class
          Route Type: One Way
          Price Paid: €125

                                    OK
```

11. The **'Search by Category'** panel enables the user to determine the total number of passengers in a particular category, as well as their names are displayed further on.

12. The **'Search by Destination'** button enables the user to conduct a search for passengers traveling to a specific location, with their total number and names displayed in a pop-up box.

```
Successfully Found.                          ✕

   ⓘ      Number of People travelling to Finland: 3

                                    OK
```

```
Successfully Found.                          ✕

   ⓘ      Passenger Travelling :
          Sebastian
          Topson
          Mirana

                                    OK
```

13. The **'Search by Airline'** button searches for the total number of passengers traveling on a certain airline, and provides users with a drop-down menu from which they may choose the airline to search for.
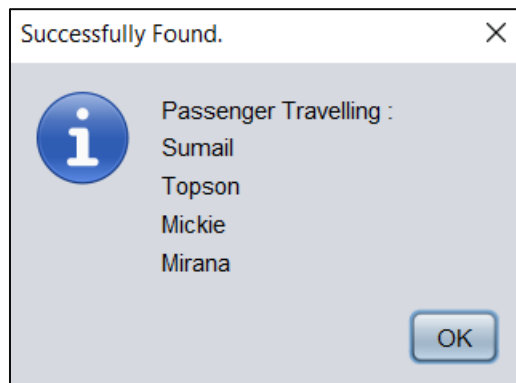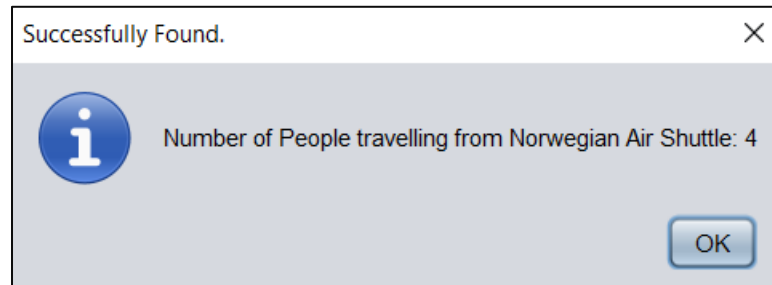
14. Combo boxes cannot be left empty; otherwise, a warning message is presented instructing the user to select a value. Similarly, if no passengers meet the user's requirements, a notice showing **'Passenger Not Found'** is displayed.

Extra Features:

15. The **File menu** has four functions: **new file** which opens a new file with cleared fields and boxes, **open file**, which imports passenger information from an external text file into the table, **save file**, which exports product information from the table to an external file, and **exit**, which shuts the application window.
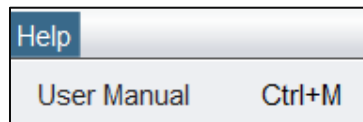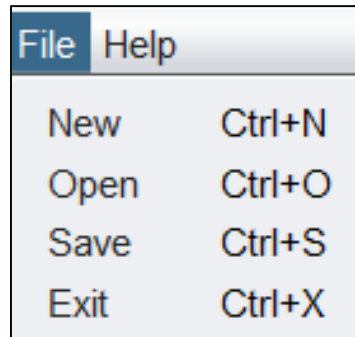
16. The **Help menu** contains a user manual *(which you are currently viewing)* that assists the user in obtaining information about the system's functions.

Shortcut keys:

New File: Ctrl + N

Open File: Ctrl + O

Save File: Ctrl + S

Exit File: Ctrl + X

Help: Ctrl + M