



Fly-Away Airlines Database

- User Manual -

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Index	1
Purpose of program and Menu features	2
Booking	3
Selecting a Date -----	3
Selecting a Flight -----	3
Selecting Seats -----	4
Submitting Personal and Contact Information -----	4
Viewing	5
Selecting a Date -----	5
Selecting a Flight -----	5
Canceling a Seat Reservation -----	6
Canceling a Flight -----	6
Exporting	7
Selecting a Date -----	7
Selecting a Flight -----	7
Sorting by Seats-----	8
Printing the manifest to a .txt file -----	8

Purpose of Program -

The purpose of this program is to facilitate and keep track of the transactions made between the client and company. This is done with the use of a database. The database stores all the flights of the company's two planes over the course of the month of August 2022. It also stores the seat information for each flight: whether or not it's been taken, and if it's been taken, the personal information of the client.

Menu Features -

When you start the program, you'll first be greeted by a splashscreen, that is, a small window that just has the company logo and a loading bar. It will go away within the next few seconds once the rest of the program has finished loading. You will then be taken to the main menu.

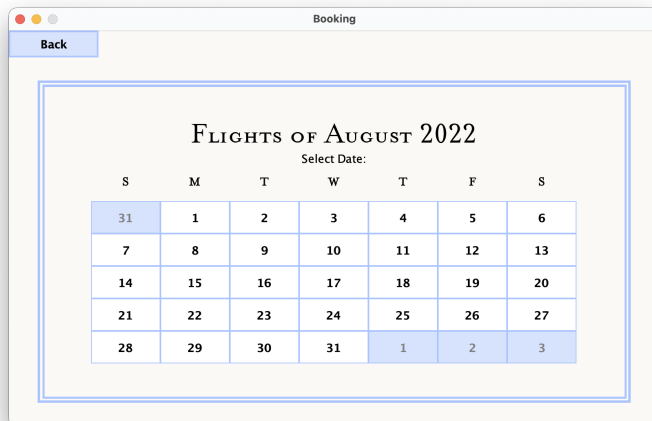


In the main menu, there will be a menubar at the top of the screen. This menubar will have five (5) buttons: "Booking", "View Data", "Export", "Help", and "Exit". We'll get into what the first three buttons do later on. If you click on the "Help" button, the program will open the manual pdf and bring you here. If you click on the "Exit" button, the program will confirm you would like to quit before closing. While you're here in the main menu, please be sure to appreciate the art and graphics. We worked hard on those!



Booking -

To begin the process of booking a flight, simply click on the “Booking” button of the main menu screen. Keep in mind that the “Back” button on the top left corner of each screen will allow you to go back to the last step.

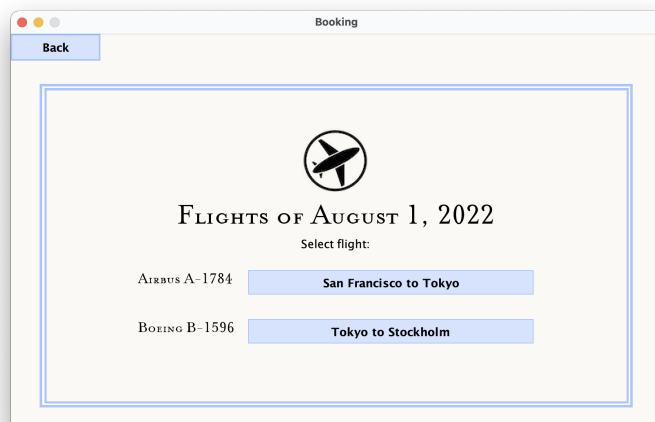


Selecting a Date

After clicking the “Booking” button, you will see a calendar of August 2022. This is a prompt for selecting the date in which your client wants to have a flight. To select the date, just click one of the dates on the calendar, as long as they belong in the month of August 2022.

Selecting a Flight

After selecting a date, the program will scan through the most recent flight schedule of the airline to find all the flights which will depart on that date, and show it on screen. You will see a list of flights for that date. If there are no flights on that date, there won't be any flights displayed. To select a flight, click on the button which states the appropriate flight's departure and destination.




Selecting Seats

After selecting a flight, you'll see all the possible seats of that flight. To select seats, simply click the seat number of the seat the client wishes to reserve. You will be able to select multiple

seats at a time. Some seats will already be occupied by other clients, and those seats will be unclickable. If you wish to unselect a seat, simply click on said seat number again. Once all desired seats are selected, click the "Submit" button at the bottom right corner of the screen in order to proceed to the next step.

Booking

Back



AIRBUS A-1784 SEATING ON AUGUST 1, 2022
San Francisco to Tokyo

01	02	03	04	05
06	07	08	09	10

■ Taken ■ Vacant ■ Selected

Submit


Submitting personal and contact information

Once the seats have been selected, you'll have to enter the client information for every seat that was selected. The information includes the client's first name, last name, email address, phone number, and date of birth. There can only be letters entered in the fields for first and last names. When entering an email address, make sure that there is only one (1) '@'

character and that the part which comes after the '@' ends with a format of "domainName.letters" or something similar. Dashes and spaces will not be accepted. In the phone number field, enter the client's phone number either in xxx-xxx-xxxx format or xxx xxx xxxx. For the date of birth, enter the client's date of birth in dd/mm/yyyy format. Once all fields are filled in, and all fields must be filled in, click the "Submit" button at the bottom of the screen. You'll be brought to a display showing the tickets of the reserved seats as well as the price of them. You'll be redirected back to the main menu after.

Booking

Back



CLIENT INFORMATION
Please fill out the following fields

FIRST NAME:

LAST NAME:

DATE OF BIRTH:

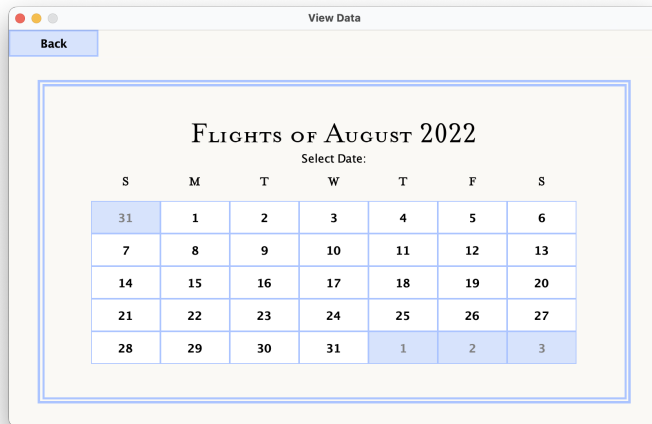
EMAIL:

PHONE NUMBER:

SEAT #: 01 Submit

Viewing -

To begin the process of viewing the details of a flight, simply click the “View Data” button in the main menu. In this process, you will also be able to cancel a client’s seat reservations as well as cancel the entire flight if need be.

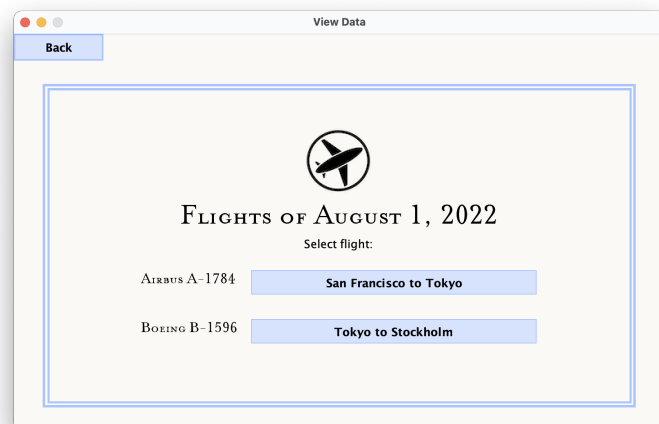


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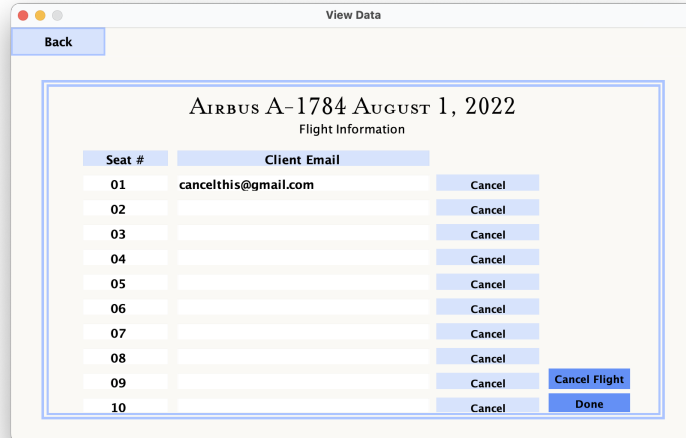
Selecting a Flight

After selecting a date, the program will scan through the most recent flight schedule of the airline to find all the flights which will depart on that date, and show it on screen. You will see a list of flights for that date. If there are no flights on that date, there won’t be any flights displayed. To select a flight, click on the button which states the appropriate flight’s departure and destination.



Canceling a Seat Reservation

After selecting the flight you wish, you will be brought to a screen which displays the flight information as well as the list of seats and the email addresses of the clients occupying the seats. In order to cancel a seat reservation, simply click the corresponding “Cancel” button that appears on the same row of the seat and client email.

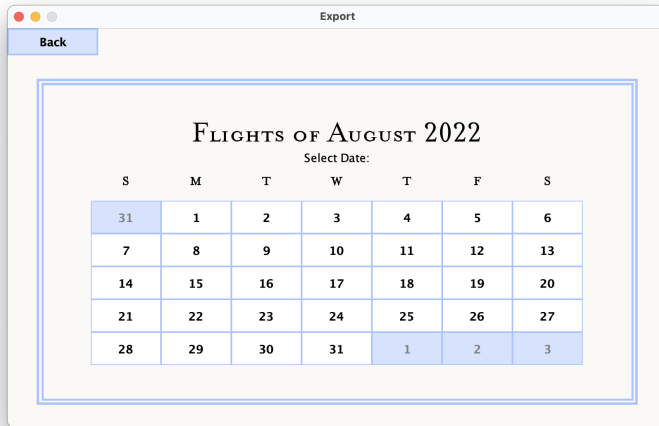


Canceling a Flight

To cancel a flight, make sure you are on the same screen as the one you would use to cancel a client’s seat reservation. Now, simply click the “Cancel Flight” button in the bottom right corner of the screen. The program will pop-up a confirmation window to ask if you want to proceed to canceling the flight. To cancel the flight, click “Yes”. You will then be brought to a screen which will display the names and contact information of all the clients with reserved seats on the flight.

Exporting -

The purpose of the export function is to generate a manifest that contains information regarding the 10 seats of a chosen flight. To begin exporting, simply click on the “export” button at the top of the screen.

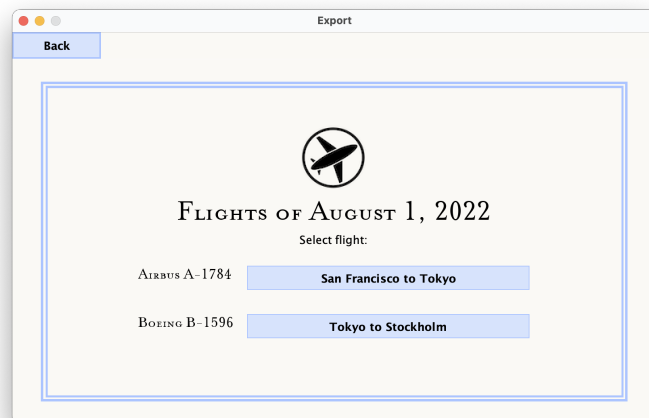


Selecting a Date

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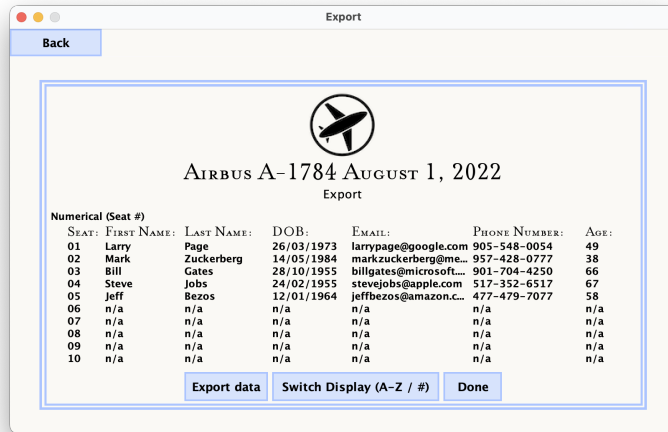
Selecting a Flight

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Sorting Seats

After selecting a flight, the screen will display the corresponding flight and all customer information regarding the 10 seats. You may opt to have the information displayed either



alphabetically sorted by the last name, or displayed based on the seat number of said flight. To alternate between these two options, simply press the “Switch Display (A-Z / #)” button and the GUI will refresh with the other type of sorted information. The program is able to alphabetically sort the client information by last name, then first name.

Printing the Manifest to a .txt File

Once you are in the export manifest screen as indicated above, simply press the “Export data” button in order to export the data into a printable .txt file. The file will be expired in the root folder of the program, and the information contained will depend on which type of sorted display the manifest currently is in (A-Z / #).