

# FlyinTravel User Manual

## Steps to Use this Reservation System:

The main menu displays below Options for the user

- 1.Search Flights
- 2.Signup
- 3.Login
- 4.View Booking
- 5.Cancel Booking

```
gsanthur@gsanthur-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthur@gsanthur-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel$ java FlyinTravel

#####
WELCOME TO FLYINTRAVEL
#####

-----
FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
6

-----Thanks for visiting FlyinTravel-----
gsanthur@gsanthur-Lenovo-Z580:~/coen_6312/code/FlightMenu/FlyinTravel$
```

There is sub menu under some of the above sections, they are

1. Search Flights
  - 1.Book Flights

- 2.Login
  - If Username is admin, ie for Admin Login
    - 1.Update Flights
    - 2.Delete Flights
    - 3.Delete Account
    - 4.Logout

If a Normal user logs in, then

- 1.View Account
- 2.Modify Account
- 3.Logout

Now let's see the steps involved in each sections of the reservation system.

## 1.Search Flights

This Section requires to enter below Details need to search Flights----Select prefix numbers to enter the value

- 1.Source
  - 2.Destination
  - 3.Date
  - 4.No of Passengers
  - 5.IsDomestic: Enter 'true' for domestic OR 'false' for International
  - 6.IsOneway: Enter 'true' for one-way OR 'false' for Return
  - 7.quit
- Enter the option number now example 1 for Source:

Snapshots of usage are below

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

#####
WELCOME TO FLYINTRAVEL
#####

-----
FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
1
-----
FlyinTravel - Search Flights MENU -----
Below Details need to be entered search Flights----Select prefix numbers to enter the value
1.Source
2.Destination
3.Date
4.No of Passengers
5.IsDomestic ::: Enter 'true' for domestic OR 'false' for International
6.IsOneway ::: Enter 'true' for oneway OR 'false' for Return
7.quit
Enter the option number now example 1 for Source:
1
Enter the Source Location:
Montreal
Enter the Next option number:
2
Enter the Destination Location:
Toronto
Enter the Next option number:
3
```

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x
5.IsDomestic ::: Enter 'true' for domestic OR 'false' for International
6.IsOneway ::: Enter 'true' for oneway OR 'false' for Return
7.quit
Enter the option number now example 1 for Source:
1
Enter the Source Location:
Montreal
Enter the Next option number:
2
Enter the Destination Location:
Toronto
Enter the Next option number:
3
Enter the Date : (in this format dd-mm-yyyy)
15-04-2016
Enter the Next option number:
4
Enter No of Passengers :
3
Enter the Next option number:
5
Answer Travel IsDomestic :
true
Enter the Next option number:
6
Answer Travel IsOneway :
true
Enter the Next option number:
7
Exited from Entering search options :
Search Results

---Flight No.---Flight Date---NO.Seats---Source---Dest---
---G0123-----15-04-2016----20---Montreal---Toronto

1 Flights Found
Do you want to book the Flights found: (Enter 'yes' to book or 'no'to quit)

```

## 1.1 Book Flights

one can book the retrieved flights from the search. Booking will be completed with entering payment credentials.

Snapshot of a usage is below

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x
---Flight No.---Flight Date---NO.Seats---Source---Dest---
---G0123-----15-04-2016----20---Montreal---Toronto

1 Flights Found
Do you want to book the Flights found: (Enter 'yes' to book or 'no'to quit)
yes
Enter no of flights you wish to book
1
Enter the FlightNo: 1
G0123
You are Booking flight as a Guest
Total Amount to be paid 300CAD
Do you wish make payment: Enter 'yes' or 'no'
yes
Enter the Card Number:
11111111
Enter the Name on the Card:
jitin
Enter the Expiry date of the card: In this format mm/yy
04/16
Enter the CVV number: see it on back of the card
111
Card Number is 11111111
Enough Amount found in the Card
Bank Validation Success
Booking Successful BookingID:3
-----
FlyinTravel-Main Menu
-----
1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM

```

## 2.Signup

Let's one to enter personal credentials to signup to Flight Reservation system

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x | gsanthar@gsanthar-Lenovo-Z580: ~/coe... x | gsanthar@gsanthar-Lenovo-Z580: ~/coe... x | gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
2

-----
FlyinTravel-Signup Menu
-----

Choose your username:
ganesh
Choose your password:
ganesh123
Enter your Name:
Ganesh Santhar
Enter your Age:
28
Enter your Email Address:
ganeshsanthar@gmail.com
Enter your PhoneNumber:
5866033
Enter your Location:
Montreal
Enter your Gender:M for Male & F for Female
M
New Member ganesh added
-----

FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
█
```

## 3.Login

Provides single login prompt for admin and as well as for Member

If its detects the username to admin credentials, then admin menu is displayed

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x | gsanthar@gsanthar-Lenovo-Z580: ~/coe... x | gsanthar@gsanthar-Lenovo-Z580: ~/coe... x | gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

#####
WELCOME TO FLYINTRAVEL
#####

-----
FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
3
-----
FlyinTravel - LOGIN MENU -----
-----

Enter your username:
admin
Enter your password:
admin

Admin Login Successful

-----
FlyinTravel - Admin Menu
-----

1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
█
```

## 1.Update Flights

Admin can update the existing flights in the flight database and as well as add new flights to database.

Usage below:

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
1
The available flights in the database are listed here

---Flight No.---Flight Date---NO.Seats---Source---Dest---
---G0123-----15-04-2016---20---Montreal---Toronto
---G0456-----15-04-2016---20---Montreal---Ottawa
---G0789-----15-04-2016---20---Montreal---NewYork
---RET123-----15-04-2016---20---Toronto---Montreal
---RET456-----15-04-2016---20---Ottawa---Montreal
---RET789-----15-04-2016---20---NewYork---Montreal

select the operation 1:Add a new Flight 2:update existing Flight
1
Enter the FlightNO:
G0111
Enter the Flight date:
16-04-2016
Enter the Flight capacity:
40
Enter the Flight source location:
Montreal
Enter the Flight Destination location:
Vancouver
Enter the Flight Operation: 'true' for Domestic or 'false' for International
true
New Flight G0111 added
The new List of Flight in database below
---Flight No.---Flight Date---NO.Seats---Source---Dest---
```

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

---RET789-----15-04-2016---20---NewYork---Montreal

select the operation 1:Add a new Flight 2:update existing Flight
2
Enter the FlightNO you wish to Update
G0123

Selected Flight Info:
1.Flight Source Location : Montreal
2.Flight Destination Location: Toronto
3.Flight Capacity : 20
4.Enter the Flight date:15-04-2016
5.Flight Operation( 'true'-->Domestic & 'false'-->International) : true

-----
Enter the Section you want to Update by Enter its Prefix no : (example enter 1 for Updating Source location)
-----

Enter 6 to quit updating----Start updating now
2
Enter the New Destination Location
Calgary
Destination Location Updated Successfully
Enter 6 to exit Update OR Enter another Section No to Update

6
Update Flights Completed

-----
FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
█
```



## 2.Delete Flights

Admin deletes the flights in the flight database

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

Enter the Flight Destination location:
Vancouver
Enter the Flight Operation: 'true' for Domestic or 'false' for International
true
New Flight G0111 added

The new List of Flight in database below
---Flight No.---Flight Date---NO.Seats---Source---Dest---
---G0123-----15-04-2016---20---Montreal---Toronto
---G0456-----15-04-2016---20---Montreal---Ottawa
---G0789-----15-04-2016---20---Montreal---NewYork
---RET123-----15-04-2016---20---Toronto---Montreal
---RET456-----15-04-2016---20---Ottawa---Montreal
---RET789-----15-04-2016---20---NewYork---Montreal
---G0111-----16-04-2016---30---Montreal---Vancouver
-----

FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
2
Enter the FlightNO you wish to Delete
G0111
The Flight with flightno G0111 deleted
-----

FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout

```

## 3.Delete Account

Admin delete member accounts from the Member database

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
3
-----
----- FlyinTravel - LOGIN MENU -----
-----
Enter your username:
admin
Enter your password:
admin

Admin Login Successful

-----

FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
3
Enter the Username of the Account you wish to delete
bhanu
The User Account : bhanu deleted
-----

FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout

```

## 4. Logout

Admin logs out.

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

-----
FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
3
Enter the Username of the Account you wish to delete
bhanu
The User Account : bhanu deleted
-----
FlyinTravel - Admin Menu
-----
1.Update Flights
2.Delete Flights
3.Delete Account
4.Logout
4
Admin logged out Successfully
-----
FlyinTravel-Main Menu
-----
1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
█
```

If its detects the username to be a member credentials, the member menu is displayed

### 1.View Account

A Member can view one's Personal details

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

#####
WELCOME TO FLYINTRAVEL
#####

-----
FlyinTravel-Main Menu
-----
1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
3
----- FlyinTravel - LOGIN MENU -----
Enter your username:
bhanu
Enter your password
bhanu123

Login Successful

welcome bhanuchander
-----
FlyinTravel- Member Menu
-----
1.View Account
2.Modify Account
3.Logout
█
```

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

-----
Enter your username:
bhanu
Enter your password
bhanu123

Login Successful

welcome bhanuchander
-----

FlyinTravel- Member Menu
-----

1.View Account
2.Modify Account
3.Logout
1
account id 1

FullName : bhanuchander
Gender : M
Age : 25
Location : Montreal
Email : b@gmail.com
PhoneNumber : 123456

-----

FlyinTravel- Member Menu
-----

1.View Account
2.Modify Account
3.Logout
|
```

## 2.Modify Account

A Member can modify one's personal details

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

FlyinTravel- Member Menu
-----

1.View Account
2.Modify Account
3.Logout
2
Account ID : 1 Username : bhanu

FullName : bhanuchander
Gender : M
Age : 25
Location : Montreal
Email : b@gmail.com
PhoneNumber : 123456

-----

Enter the section Name you want to modify : (example enter 'Age' to change age)
-----

Enter Section Name Now
Age
Enter new Age
28
Age saved Successfully
Enter 'quit' to exit modify OR Enter another Section Name to modify

quit
Modify Account section exited
-----

FlyinTravel- Member Menu
-----

1.View Account
2.Modify Account
3.Logout
|
```



### 3. Logout

A Member logs out

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x
Enter the section Name you want to modify : (example enter 'Age' to change age)
-----
Enter Section Name Now
Age
Enter new Age
28
Age saved Successfully
Enter 'quit' to exit modify OR Enter another Section Name to modify
quit
Modify Account section exited
-----
FlyinTravel- Member Menu
-----
1.View Account
2.Modify Account
3.Logout
3
User bhanu Logged out Successfully
-----
FlyinTravel-Main Menu
-----
1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
6
-----Thanks for visiting FlyinTravel-----
gsanthar@gsanthar-Lenovo-Z580:~/coen_6312/code/FlightMenu/FlyinTravel$
```

### 4.View Booking

One can view the booking details by entering the booking ID

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x
#####
WELCOME TO FLYINTRAVEL
#####
-----
FlyinTravel-Main Menu
-----
1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
4
-----
FlyinTravel- View Bookings
-----
FlyinTravel - Enter your BookingID
2
---Flight No.---Flight Date---Seat No---Source---Dest---
---G0789-----15-04-2016---5A 5B 5C---Montreal---NewYork
-----
FlyinTravel-Main Menu
-----
1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM

```

## 5.Cancel Booking

One can cancel the booking by entering the bookingID

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x

#####
WELCOME TO FLYINTRAVEL
#####

-----
FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
5

-----

FlyinTravel- Cancel Bookings
-----

FlyinTravel - Enter your BookingID
2
Booking with ID: 2 Canceled
-----

FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
█
```

## 6.Exit System

Exit the Flight Reservation system

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel
gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x gsanthar@gsanthar-Lenovo-Z580: ~/coe... x
gsanthar@gsanthar-Lenovo-Z580:~/coen_6312/code/FlightMenu/FlyinTravel$ java FlyinTravel

#####
WELCOME TO FLYINTRAVEL
#####

-----

FlyinTravel-Main Menu
-----

1.Search Flights
2.Signup
3.Login
4.View Booking
5.Cancel Booking
6.EXIT SYSTEM
6

-----Thanks for visiting FlyinTravel-----
gsanthar@gsanthar-Lenovo-Z580:~/coen_6312/code/FlightMenu/FlyinTravel$ █
```