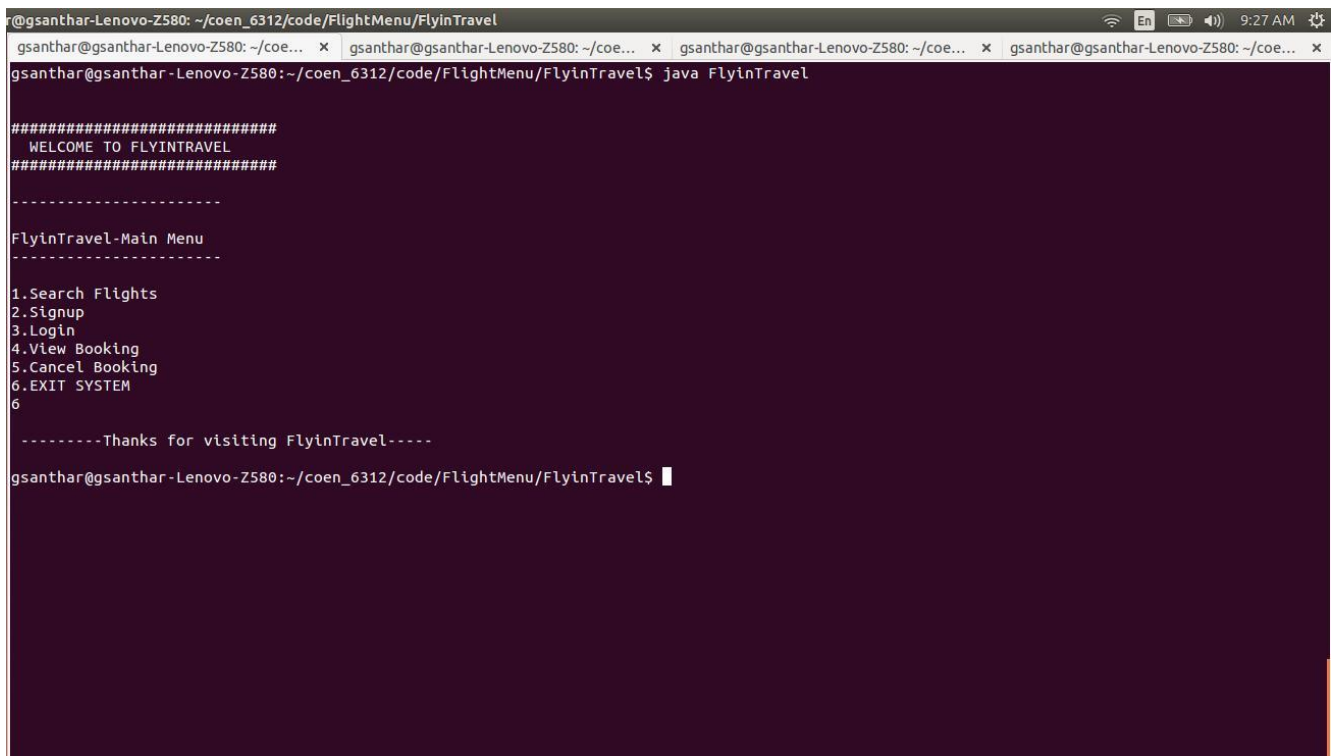# FlyinTravel User Manual

Steps to Use this Reservation System: (Here snapshots are from LinuxOS)
(steps remain the same for any OS)

The main menu displays below Options for the user

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

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

```
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---

---GO123--------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


```
---Flight No.---Flight Date---NO.Seats---Source---Dest---

---GO123--------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
GO123
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 mmyy
0416
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

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

1.Update Flights

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

Usage below:

2.Delete Flights
Admin deletes the flights in the flight database

```
Enter the Flight Destiantion location:
Vancouver
Enter the Flight Operation: 'true' for Domestic or 'false' for International
true
New Flight GO111 added

The new List of Flight in database below
---Flight No.---Flight Date---NO.Seats---Source---Dest---

---GO123--------15-04-2016----20----Montreal----Toronto
---GO456--------15-04-2016----20----Montreal----Ottawa
---GO789--------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
---GO111--------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
GO111
The Flight with flightno GO111 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

```
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...  ×   gsanthar@gsanthar-Lenovo-Z580: ~/coe...  ×   gsanthar@gsanthar-Lenovo-Z580: ~/coe...  ×   gsanthar@gsanthar-Lenovo-Z580: ~/coe...  ×


--------------------

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...  ×   gsanthar@gsanthar-Lenovo-Z580: ~/coe...  ×   gsanthar@gsanthar-Lenovo-Z580: ~/coe...  ×   gsanthar@gsanthar-Lenovo-Z580: ~/coe...  ×

############################
  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
```

2.Modify Account
      A Member can modify one's personal details

3.Logout
   A Member logs out

4.View Booking
   One can view the booking details by entering the booking ID

5.Cancel Booking

One can cancel the booking by entering the bookingID

```
@gsanthar-Lenovo-Z580: ~/coen_6312/code/FlightMenu/FlyinTravel                    En        10:32 AM
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                    En        9:27 AM
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$
```