

**Group#:** \_\_\_\_\_

I. Create accounts of users; login, logout.

## II. User functionality

- let people search for flights

  - one way

  - round-trip

  - flexible date/time

- sort flights by different criteria (price, take-off time, landing time)

- filter the list of flights by various criteria (price, number of stops, airline)

- let customers make flight reservations

- let customers cancel their flight reservations (if it is business or first class)

- let customer enter the waiting list if the flight is full

- a user should be able to:

  - view all the past reservations with their details

  - view all the upcoming reservations with their details

## III. Admin/Customer Representative

- Admin (create an admin account ahead of time)

  - Add, Edit and Delete information for a customer representative or customer

  - Obtain a sales report for a particular month

  - Produce a list of reservations by flight number or by customer name

  - Produce a summary listing of revenue generated by a particular flight, airline, or customer

  - Find out which customer generated most total revenue

  - Produce a list of most active flights (most tickets sold)

  - Produce a list of all flights for a given airport

- Customer representative

  - Make flight reservations on behalf of users

  - Edit flight reservations for a customer

  - Add, Edit, Delete information for

    - aircrafts

    - airports

    - flights

  - retrieve a list of all the passengers who are on the waiting list of a particular flight