

Group#: 23

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
- $\frac{1}{2}$  ☐ retrieve a list of all the passengers who are on the waiting list of a particular flight