**1.** **User functionality**

**(25 points)**

[X] let people search for flights between two airports

[X] one way on a specific date

[X] round-trip on specific dates

[X] one way or roundtrip on flexible dates (+/- 3 days)

[X] browse the resulting flights

[X] sort flights by different criteria (price, take-off time, landing time, duration of flight)

[X] filter the list of flights by various criteria (price, number of stops, airline, take-off time,

landing time)

**(25 points)**

[X] Browse questions and answers

[X] Search questions and answers by keywords

    [X] make flight reservations/buy the ticket.

[X] enter the waiting list if the flight is full

[X] view all the past flight reservations with their details

[X] view all the upcoming flights with their details

[X] cancel their flight reservations (if it is business or first class)

[X] send an alert to customers in the waiting list that there is an empty seat

[X] post questions to the customer representative

**2. Admin** (create an admin account ahead of time)

**(25 points)**

[X] Add, Edit information and Delete a customer representative or customer

[X] Obtain a sales report for a particular month

[X] Produce a list of reservations by flight number or by customer name

[X] Produce a summary listing of revenue generated by a particular flight, airline, or

customer

[X] Find out which customer generated most total revenue

[X] Produce a list of most active flights (most tickets sold)

**3. Customer Representative**

**(25 points)**

[X] Make flight reservations on behalf of users

[X] Edit flight reservations for a customer

[X] Add, Edit, Delete information for aircrafts, airports, and flights

[X] Retrieve a list of all the passengers who are on the waiting list of a particular flight

[X] Produce a list of all flights for a given airport (departing and arriving)

[X] Reply to user’s questions