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

**(25 points)**

[✓] let people search for flights between two airports

[✓] one way on a specific date

[✓] round-trip on specific dates

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

[✓] browse the resulting flights

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

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

landing time)

**(25 points)**

[✓] Browse questions and answers

[✓] Search questions and answers by keywords

    [✓] make flight reservations/buy the ticket.

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

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

[✓] view all the upcoming flights with their details

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

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

[✓] post questions to the customer representative

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

**(25 points)**

[✓] Add, Edit information and Delete 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)

**3. Customer Representative**

**(25 points)**

[✓] Make flight reservations on behalf of users

[✓] Edit flight reservations for a customer

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

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

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

[✓] Reply to user’s questions