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

**(25 points) – Jackson Lee**

[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) – Serena Zeng**

[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) – Jin Sebastian**

[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) – Xiang Zhang**

[x] Make flight reservations on behalf of users

[x] Edit flight reservations for a customer

[x] Add, Edit, Delete information for aircrafts

[x] Add, Edit, Delete information for airports

[x] Add, Edit, Delete information for 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