**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