**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) Paul Kotys (pjk151)**

[paul] Browse questions and answers

[paul] Search questions and answers by keywords

    [paul] make flight reservations/buy the ticket.

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

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

[paul] view all the upcoming flights with their details

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

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

[paul] 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 Anthony Arca**

**(25 points)**

[anthony] Make flight reservations on behalf of users

[anthony] Edit flight reservations for a customer

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

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

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

[anthony] Reply to user’s questions