System requirements

**Functional**

1. An administrator should be able to add data to the system.

(flights, planes, crew – what has to be specified when adding?)

(is the administrator the one who can add/edit data about members/passengers?)

1. An administrator should be able to delete data from the system.
2. A head administrator should be able to cancel flights.
3. An administrator should be able to change data for club members, crew, flights and passengers.
4. An administrator should be able to select the id for flights in order to get flights with a specified id.
5. An administrator should be able to select date/time range for flights in order to get flights in a specified range.
6. An administrator should be able to select cities for flights in order to get flights from/to the specified cities.
7. A user should be able to choose a seat, size of luggage, method of payment or type of check-in in order to book a ticket.
8. A user should be able to select departure and destination airport and the departure and return date (or departure only) for flights in order to get the available flights.
9. An administrator should be able to get a list of all flights and club members.
10. An administrator should be able to set the annual fee for club members.
11. A user should receive the ticket via email.
12. A user should be able to become a club member in order to get discounts.
13. A club member should be able to search only for cheap flights from his/her city.
14. An administrator should be able to maintain a FAQ section.
15. A user should be able to read FAQs in order to find answers to different questions regarding flights.
16. A user should be able to subscribe to the newsletter in order to receive new information regarding flights and offers via email.
17. An administrator should be able to log in the system in order to manage data.
18. A head administrator should be able to see the profiles of all administrators.
19. A head administrator should be able to create or delete an administrator account in order to ease the management of accounts.

**Non-functional**

1. The system has to use the client-server architecture.
2. The system has to store persistent data using a database.
3. The system has to have a GUI.
4. The system has to provide a log in.
5. The system has to be implemented in Java.
6. The system and the system development process have to be documented.