# Flight Booking System

## Functional Requirements

Client:

* Client registration / creation. The client will need to register as a user on the system. When registering the client will need to enter the requested personal details and choose a personal username and password. The details entered might include the following – Title, first name, last name, address, contact no, email address and possibly credit card details.
* Login. The system will request the user name and password. This will be validated before the client can continue. Once validated the client will be presented with the main menu.
* Check flights. Client will choose the origin city and the destination city on selected dates. Client will need to select single or return flights.
* Select business or personal. Once the client has selected the flights the system will ask the client whether they want to travel business class or personal class.
* Select amount of tickets??
* Select flights. Once the flights are selected the system will calculate and display the price.
* Confirm booking. If the client is satisfied with the flights and the price, they can confirm the booking.
* View Flight Details. The system will allow the client to view all the information about each booking.

Administrator:

* Login. The system will request the user name and password. This will be validated before the administrator can continue. Once validated the administrator will be presented with their main menu.
* Add, delete, modify client accounts. The system will have functionality for the administrator to add, delete or modify any client accounts or details.
* Maintain flight schedules??

## Non-Functional Requirements / System Requirements

* Calculate the cost of flights
* Keep track of destinations
* Calculate frequent flier miles.

## 3 Questions, What, Why, What next

What did I do? – I did an outline of the functional and system requirements.

What did I not do? – Performance requirements.

What will I do next? – System design i.e. Class Diagram, Activity Diagram, Sequence Diagram, Use Case Diagram.