***Requirements list***

***USER REQUIREMENTS***

Guest must be able to register an account to the system /

Customer must be able to log into the system /

Customer must be able to book a flight /

Customer must be able to choose a flight from a list /

Customer must be able to choose services for a flight/

Customer must be able to choose a seat on the flight /

Customer can let system automatically assign seating /

Customer must be able to view the booking they have made with the system(‘ status' food services, flight times, prices, seat# etc.) /

Customer must be able to close their account. /

Customer must be able to set and modify their own personal details /

Customer must be able to view their own personal details /

Customer must be able to cancel booked flights /

Customer must be able to book flights for people besides themselves /

Customer should have the option to book a returning flight /

Customer should be able to add credit card details. /

- Travel agent must be able to book flights for customers /

- Travel agent must be able to edit own details /

- Travel agent log into system. /

- Travel agent must be able to view all bookings made for customers. /

- Travel agent must be able to modify existing bookings made for customers./

- Travel agents should be able to modify a customer’s details who they have booked for (low priority) /

Admin must be able to add new staff members

Admin must be able to access all other functionality of the system

Staff must be able to log into the system. /

Staff must be able to create an account for a customer /

Staff must be able to book flights for a customer /

Staff must be able to view a customerspersonal details /

Staff must be able to view a customers booking details /

Staff must be able to modify a customers personal details /

Staff must be able to modify a customers booking details /

Staff must be able to search for a customer /

Staff must be able to modify a customers seating if destination seat is unoccupied. /

-Booking manager must be able to modify a customers flight details /

- Booking manager must be able to modify customers seating if destination seat is occupied/

- Booking manager must be able to set a customers no-fly/watch status/

- Booking manager must be able to view system reports relating to the reservation system/

-Service manager must be able to modify service items details. /

- Service manager must be able to add new service items to the database /

- Service manager must be able to add new flight services to the database. /

-Service manager must be able to remove service items from the database /

-Service manager must be able to remove flight services from a flight. /

-Service manager must be able to view reports relating to the service system. /

- Profile manager must be able to modify personal details of a customer /

- Profile manager must be able to modify a customer’s frequent flier points. /

- Profile manager must be able to view reports relating to the profile system. /

-Profile manager must be able to modify travel agents details. /

- Profile manager must be able to modify staff details(assuming they already exist in the system) /

- The Profile manager should be able to give discounts to travel agents. /

- The profile manager should be able to give discounts to customers /

- Flight manager must be able to Add/remove aircrafts /

- Flight manager must be able to Add/remove schedules /

- Flight manager must be able to Add/remove airports /

- Flight manager must be able to Add/remove routes /

- Flight manager must be able to modify aircrafts detail /

- Flight manager must be able to modify schedule details /

- Flight manager must be able to modifyairport details /

- Flight manager must be able to modifyroute details /

- Flight manager must be able to view system reports relating to the flight system./

Users who are not registered to the system can only access flight searching functionality

***SYSTEM REQUIREMETS***

-The system requires a persistent data model. - #58 in srs /

-Seating on flights must be categorised into classes /

-The system must alert booking manager if a ‘watch’ status customer has booked a flight/

-The system must prevent a ‘no-fly’ status customer from booking a flight /

-System must charge customers a cancelation fee if they cancel a flight /

-System must keep records of a customers cancelled flights as well as currently booked flights /

- System should allow rescheduling of cancelled flights(low priority) /

- System should provide a gui to all users (low priority) /

- multiple users should be able to access the system concurrently(low priority)/

- Program should run on windows and linux/

-Alerts should be issued to customers that are booked on a flight that has been cancelled by the flight manager /

-reports should be ‘interesting’ computations and compilations of data used by the system. Provide informative information to the company managers. /

-Customers who book through a travel agent must provide the all the same details that are required in normal customer registration. /

-The system should automatically assign frequent flier points to customers(low priority) /

-During booking, seating options must be displayed in categories(classes). /

-During a booking, a customer should have the option to book for an adult or a child. /

-During booking, the customer should receive a list of flights that includes flights upto a week away from the search date. /

- During booking, a customer should be able to view flights week by week.

- A customer should have the option to revise booking details before confirmation. /

Passwords must have astrix

Runs on windows/linux