**Requirements List**

**User Requirements:**

**Unregistered User:**

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| **Requested Functionality** | **Implemented** |
| A User who is not registered to the system can only access flight searching functionality. | 100% |

**Guest:**

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| --- | --- |
| **Requested Functionality** | **Implemented** |
| A Guest must be able to register an account to the system. | 100% |

**Customer:**

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| --- | --- |
| **Requested Functionality** | **Implemented** |
| A Customer must be able to log into the system. | 100% |
| A Customer must be able to book a flight. |  |
| A Customer must be able to choose a flight from a list. |  |
| A Customer must be able to choose services for a flight. |  |
| A Customer must be able to choose a seat on the flight. |  |
| A Customer can let system automatically assign seating. |  |
| A Customer must be able to view the booking they have made with the system (status, food services, flight times, prices, seat# etc.). |  |
| A Customer must be able to close their account. |  |
| A Customer must be able to view their own personal details. | 100% |
| A Customer must be able to set and modify their own personal. | 100% |
| A Customer must be able to cancel booked. |  |
| A Customer must be able to book flights for people besides themselves. |  |
| A Customer should have the option to book a returning flight. |  |
| A Customer should be able to add credit card details. |  |

**Travel Agent:**

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| **Requested Functionality** | **Implemented** |
| A Travel agent must be able to book flights for customers. | 100% |
| A Travel agent must be able to edit own details. | 100% |
| A Travel agent log into system. | 100% |
| A Travel agent must be able to view all bookings made for customers. |  |
| A Travel agent must be able to modify existing bookings made for customers. |  |
| A Travel agent should be able to modify a customer’s details who they have booked for. (low priority) |  |

**Staff:**

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| --- | --- |
| **Requested Functionality** | **Implemented** |
| A Staff must be able to log into the system. | 100% |
| A Staff must be able to create an account for a customer. | 100% |
| A Staff must be able to book flights for a customer. |  |
| A Staff must be able to view a customer’s personal details. | 100% |
| A Staff must be able to view a customer’s booking details. |  |
| A Staff must be able to modify a customer’s personal. |  |
| A Staff must be able to modify a customer’s booking details. |  |
| A Staff must be able to search for a customer. | 100% |
| A Staff must be able to modify a customer’s seating if destination seat is unoccupied. |  |

**Booking Manager:**

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| --- | --- |
| **Requested Functionality** | **Implemented** |
| A Booking manager must be able to modify a customer’s flight details. |  |
| A Booking manager must be able to modify customers seating if destination seat is occupied. |  |
| A Booking manager must be able to set a customer’s no-fly/watch status. |  |
| A Booking manager must be able to view system reports relating to the reservation system. |  |

**Service Manager:**

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| **Requested Functionality** | **Implemented** |
| A Service manager must be able to modify service items details. |  |
| A Service manager must be able to add new service items to the database. |  |
| A Service manager must be able to add new flight services to the database. |  |
| A Service manager must be able to remove service items from the database. |  |
| A Service manager must be able to remove flight services from a flight. |  |
| A Service manager must be able to view reports relating to the service system. |  |

**Profile Manager:**

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| --- | --- |
| **Requested Functionality** | **Implemented** |
| A Profile manager must be able to modify personal details of a customer. | 100% |
| A Profile manager must be able to modify a customer’s frequent flier points. | 100% |
| A Profile manager must be able to view reports relating to the profile system. |  |
| A Profile manager must be able to modify travel agents details. |  |
| A Profile manager must be able to modify staff details (assuming they already exist in the system). |  |
| A Profile manager should be able to give discounts to travel agents. |  |
| A profile manager should be able to give discounts to customers. |  |

**Guest:**

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| --- | --- |
| **Requested Functionality** | **Implemented** |
| A Flight manager must be able to Add/remove aircrafts. | 100% |
| A Flight manager must be able to Add/remove schedules. |  |
| A Flight manager must be able to Add/remove airports. | 100% |
| A Flight manager must be able to Add/remove routes. |  |
| A Flight manager must be able to modify aircrafts detail. | 100% |
| A Flight manager must be able to modify schedule details. |  |
| A Flight manager must be able to modifyairport details. | 100% |
| A Flight manager must be able to modifyroute details. |  |
| A Flight manager must be able to view system reports relating to the flight system. |  |

**Admin:**

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| **Requested Functionality** | **Implemented** |
| An Admin must be able to add new staff members. |  |
| An Admin must be able to access all other functionality of the system. |  |

**System Requirements:**

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| **Requested Functionality** | **Implemented** |
| The system requires a persistent data model (#58 in SRS). |  |
| Seating on flights must be categorised into classes. |  |
| The system must alert booking managers if a ‘watch’ status customer has booked a flight. |  |
| The system must prevent a ‘no-fly’ status customer from booking a flight. |  |
| The system must charge customers a cancelation fee if they cancel a flight. |  |
| The system must keep records of a customer’s cancelled flights as well as currently booked flights. |  |
| The system should allow rescheduling of cancelled flights. (low priority) |  |
| The system should provide a GUI to all users. (low priority) | NOT DOING |
| Multiple users should be able to access the system concurrently. (low priority) | NOT DOING |
| The System should run on Windows and/or Linux. | 100% |
| 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 system all the same details that are required in a normal customer registration. |  |
| The system should automatically assign frequent flier points to customers (low priority) |  |
| During a 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 a booking, the customer should receive a list of flights that includes flights up to a week away from the search date. |  |
| During a booking, a customer should be able to view flights week by week. |  |
| A customer should have the option to revise booking details before confirming. |  |
| Passwords must be hidden by asterisks. | 100% |