1. Functional Requirements

1.1 Profile Subsystem

1.1.1 Administrator Side

|  |  |
| --- | --- |
| 1. Test of administrator to create staff profiles (Manager) | |
| Actions | A. Create a manager profile  B. On occurrence of any exception during the creation  C. The user name is same with an existing one |
| Expected Result | A. The manager profile is created successfully  B. Cancel the creation and doesn’t produce a new manager profile  C. Point out the error and doesn’t produce a new manager profile |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 2. Test of administrator to create staff profiles (Normal Staff) | |
| Actions | A. Create a normal staff profile  B. On occurrence of any exception during the creation  C. The user name is same with an existing one |
| Expected Result | A. The normal staff profile has been created successfully  B. Cancel the creation and doesn’t produce a new normal staff profile  C. Point out the error and doesn’t produce a new normal staff profile |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 3. Test of administrator to modify staff profiles (Manager) | |
| Actions | A. Modify a manager profile  B. On occurrence of any exception during the modification  C. The user name is same with an existing one |
| Expected Result | A. Successfully modify a manager profile  B. Cancel the modification and the profile doesn’t be changed  C. Point out the error and doesn’t change the profile |
| Pass/Fail |  |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 4. Test of administrator to modify staff profiles (Normal Staff) | |
| Actions | A. Modify a normal staff profile  B. On occurrence of any exception during the modification  C. The user name is same with an existing one |
| Expected Result | A. Successfully modify a normal staff profile  B. Cancel the modification and the profile doesn’t be changed  C. Point out the error and doesn’t change the profile |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 5. Test of administrator to remove staff profiles (Manager) | |
| Actions | A. Remove a manager profile  B. On occurrence of any exception during the removing |
| Expected Result | A. Successfully remove a manager profile  B. Cancel the modification and the profile doesn’t be removed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 6. Test of administrator to remove staff profiles (Normal Staff) | |
| Actions | A. Remove a normal staff profile  B. On occurrence of any exception during the removing |
| Expected Result | A. Successfully remove a normal staff profile  B. Cancel the modification and the profile doesn’t be removed |
| Pass/Fail | Pass |
| Observation（if any） |  |

1.1.2 User Side

|  |  |
| --- | --- |
| 7. Test of user to create profile | |
| Actions | A. Create a user profile  B. On occurrence of any exception during the creation\  C. The user name is same with an existing one |
| Expected Result | A. The user profile has been created successfully  B. Cancel the creation and doesn’t produce a new user profile  C. Point out the error and doesn’t produce a new user profile |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 8. Test of user to modify the profile | |
| Actions | A. Modify the details of profile  B. On occurrence of any exception during the modification |
| Expected Result | 1. Successfully modify a user profile   B. Cancel the modification and the profile doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 9. Test of user to change the password | |
| Actions | 1. Change the password   B. On occurrence of any exception during the modification  C. The new password is same with old one |
| Expected Result | A. Successfully change the user password  B. Cancel the modification and the password doesn’t be changed  C. Point out the error and let user input a new password |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 10. Test of user to remove their existing profile | |
| Actions | 1. Remove the profile   B. On occurrence of any exception during the removing |
| Expected Result | A. Successfully remove the user profile  B. Cancel the modification and the profile doesn’t be removed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 11. Test of login | |
| Actions | A. Enter the correct user name and password  B. Enter the wrong user name and password |
| Expected Result | A. Login the system Successfully  B. Can not login the system |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 12. Test of checking the user can see domain specific options at the command line upon login to the system | |
| Actions | A. The user login to the system |
| Expected Result | A. Includes the domain specific options: Make a Booking, Modify Services for Existing Booking, Cancel a Booking, Change Password, Modify Profile, Remove Profile, Request Statistical Report |
| Pass/Fail | Pass |
| Observation（if any） |  |

1.1.3 Profile manager slide

|  |  |
| --- | --- |
| 13. Test of profile manager to remove user profile | |
| Actions | A. Remove the profile  B. On occurrence of any exception during the removing |
| Expected Result | A. Successfully remove the user profile  B. Cancel the modification and the profile doesn’t be removed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 14. Test of profile manager to change the no fly status of a profile | |
| Actions | A. Change the profile  B. On occurrence of any exception during the modification |
| Expected Result | A. Successfully change the user profile  B. Cancel the modification and the profile doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 15. Test of checking the profile manager can see domain specific options at the command line upon login to the system | |
| Actions | A. The profile manager login to the system |
| Expected Result | A. Includes the domain specific options: Modify Profile, Remove Profile |
| Pass/Fail | Pass |
| Observation（if any） |  |

1.2 Reservation Subsystem

1.2.1 Reservation Manager and Staff Side

|  |  |
| --- | --- |
| 16. Test of reservation manager to transfer a customer from one flight to another | |
| Actions | A. Transfer the flight  B. On occurrence of any exception during the modification  C. The flight seats are not enough |
| Expected Result | A. Successfully transfer the flight  B. Cancel the modification and the flight doesn’t be changed  C. Point out the error and the flight doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 17. Test of reservation manager to modify customer seat selection | |
| Actions | A. Modify the seat selection  B. On occurrence of any exception during the modification  C. The seats has been occupied by another one |
| Expected Result | A. Successfully modify the seat selection  B. Cancel the modification and the seat selection doesn’t be changed  C. Point out the error and the seat selection doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 18. Test of reservation staff to transfer a customer from one flight to another | |
| Actions | A. Transfer the flight  B. On occurrence of any exception during the modification  C. The flight seats are not enough |
| Expected Result | A. Successfully transfer the flight  B. Cancel the modification and the flight doesn’t be changed  C. Point out the error and the flight doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 19. Test of reservation staff to transfer a customer from one flight to another | |
| Actions | A. Transfer the flight  B. On occurrence of any exception during the modification  C. The flight seats are not enough |
| Expected Result | A. Successfully transfer the flight  B. Cancel the modification and the flight doesn’t be changed  C. Point out the error and the flight doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 20. Test of reservation manager to set ticket pricing of all flights | |
| Actions | A. Set ticket pricing of a flight  B. On occurrence of any exception during the setting |
| Expected Result | A. Successfully modify the seat selection  B. Cancel the setting and the price doesn’t be recorded |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 21. Test of checking the reservation staff can see domain specific options at the command line upon login to the system | |
| Actions | A. The profile manager login to the system |
| Expected Result | A. Includes the domain specific options: Flight Transfer, Modify Customer Seat Selection |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 21. Test of checking the reservation staff can see domain specific options at the command line upon login to the system | |
| Actions | A. The profile manager login to the system |
| Expected Result | A. Includes the domain specific options: Flight Transfer, Modify Customer Seat Selection |
| Pass/Fail | Pass |
| Observation（if any） |  |

1.2.2 Booking Process

|  |  |
| --- | --- |
|  | |
| Actions |  |
| Expected Result |  |
| Pass/Fail |  |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 12. Test of user to make a booking | |
| Actions | A. The user selects the flight and book it.  B. On occurrence of any exception during the booking  C. The flight seats are not enough  D. The payment is failure |
| Expected Result | A. Successfully book the flight  B. Cancel the booking and the details don’t be recorded  C. Point out the error and the details don’t be recorded  D. Point out the error and the details don’t be recorded |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 13. Test of user to modify services for existing booking | |
| Actions | A. Modify services for existing booking.  B. On occurrence of any exception during the modification |
| Expected Result | A. Successfully modify services  B. Cancel the modification and the details don’t be recorded |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 14. Test of user to cancel the booking | |
| Actions | A. The user selects the flight and cancel it.  B. On occurrence of any exception during the modification |
| Expected Result | A. Successfully cancel the flight  B. Cancel the modification and the booking doesn’t be changed |
| Pass/Fail | Pass |
| Observation（if any） |  |

|  |  |
| --- | --- |
| 12. Test of user to request statistical report | |
| Actions | A. The user requests the statistical report  B. On occurrence of any exception during the request |
| Expected Result | A. Successfully request statistical report  B. Cancel the request and the report doesn’t be produced |
| Pass/Fail | Pass |
| Observation（if any） |  |