Test cases(black box)

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| **Test Case ID:** 1 |
| **Purpose:** To check whether all kind of user can be login and check what role it is then forward to the appropriate page for that role |
| **Expected Results:**   1. Each different roles have same login page, but will redirect to different pages after Controller object check the role 2. Customer will forward to customer page 3. Each manger include Flight Manager, Profile Manager and Service Manager can only go to there own page after login 4. Administration is supervise user, So he/she have link to Those Three Manager Page |
| **Output:**   1. The customer input the correct username and password and forward to the customer page 2. Those three manager forward to their own pages respectively after put in the correct username and password 3. Administration forward to Admin Welcome page and have link to other three manager page, when he click that, he can do Manager usecase |
| **Pass/Fail:** Pass |
| **Resultant Changes:** None |
| **Error Messages:** None |

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| **Test Case ID:** 2 |
| **Purpose:** To check whether Customer can get Available schedule ticket |
| **Expected Results:**   1. The result list which display to user should between the range of start date and end date which user choose from 2. Each Schedule should have a button which contains ID for that schedule 3. When click that button should book the certain ticket |
| **Output:**   1. The result show the schedule between user chosen 2. The list of schedule display appropriately, when contain details information ,like departure time and arrive for user to reference and make option. 3. User click the choose button of that schedule and it successfully booking |
| **Pass/Fail:** Pass |
| **Resultant Changes:** None |
| **Error Messages:** None |

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| **Test Case ID:** 3 |
| **Purpose:** To check whether customer can paid for the ticket appropriate and system calculate for the right Flight point |
| **Expected Results:**   1. When user press pay for the booking, it should ask for input credit card number 2. When enter the right credit card number, it will show status paid 3. The system will calculate the flight point base on the current flight point |
| **Output:**   1. When user press pay button, the system show input credit card panel 2. When user input wrong credit number, it show pay rejection, and user input again it show paid success and status change to success, in booking list 3. The flight number I test in this example current is 1, after paid for this flight ,it add to 2. |
| **Pass/Fail:** Pass |
| **Resultant Changes:** None |
| **Error Messages:** None |

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| **Test Case ID:** 4 |
| **Purpose:** To check whether service manager can multi add, remove and modify the service, because this is frequent interaction, so need to be multi operation of each |
| **Expected Results:**   1. When service manager create one service, he will be able to create another, and database will have this record 2. When service manager delete one service, he will be able to delete another, as well as database should synch this situation 3. When change the cost and availability of service, service manager can change cost or availability or both of them and it should be able to change a lot of time |
| **Output:**   1. The service manger press add button it shows details panel to add inventory details press add, and then check the database it has already in the database 2. The service check all the inventory list and decide which to remove, press remove to remove the service from inventory list, and database showed the data not exist any more 3. When this user just want to change cost, he can just modify the cost and when he want to change availability he can just modify the it, and database reflect the same things, and he change the both at same time, time good result, everything works under every situation |
| **Pass/Fail:** Pass |
| **Resultant Changes:** None |
| **Error Messages:** None |

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| **Test Case ID:** 5 |
| **Purpose:** To check whether profile manager can see customer profile and do some modification for customer |
| **Expected Results:**   1. When click customer profile panel, it will display customer list and show the modify button |
| **Output:**   1. When profile manager click the tab of profile panel, it automatically show the list of customer, and on the left side there are modify button, when click this it show customer details and this manager can modify these datas for customer |
| **Pass/Fail:** Pass |
| **Resultant Changes:** None |
| **Error Messages:** None |

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| **Test Case ID:** 6 |
| **Purpose:** To check whether flight manager can success add fleet, and create schedule, this is most sophisticated part of system, because fleet is based on a lot of stuff that have been created, like airport record, route record |
| **Expected Results:**   1. When flight manager wants to create fleet record, he will click button to show the list of airport, but if there is no airport record, back to airport panel and create record 2. When create fleet record it should automatically create a sequence of record which include a bunch of plane and seat record |
| **Output:**   1. This user follow the create sequence of create airport first and then route record and then fleet record, everything will generate appropriately, if not follow the creating sequence, there will be nothing to choose from |
| **Pass/Fail:** Pass |
| **Resultant Changes:** None |
| **Error Messages:** None |