**Test Cases**

**User**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | | 1 | | |
| **Title** | | Main Menu | | |
| **Description** | | To test the main menu works correctly | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | Run system | | System opens and main menu displays | X |
| 2 | Test all menu items load when input | |  |  |
| 3 | Enter a valid input | | System loads the correct area of the system. |  |
| 4 | Enter invalid data Test Data: ‘54’, ‘Three’ | | Enter message appears, re-runs the main menu loop. |  |

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| **ID** | | 1 | | |
| **Title** | | Create Account | | |
| **Description** | | The user can create an account that saves to the xml | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | Load Main Menu | | x | X |
| 2 | Select create account from the main menu, by typing ‘2’ | |  |  |
| 3 | Enters valid data | |  |  |
| 4 | Enter invalid data | |  |  |
| 5 | Data is added to xml file on confirmation | |  |  |
| 6 | Data appends when another user is added | |  |  |
| 7 | If create account is cancelled or not confirmed, system does not write to xml file | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | | 1 | | |
| **Title** | | Log in as a User | | |
| **Description** | | To log in to the system as a customer | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | Select Log In from the main menu, by typing ‘1’ | | x | X |
| 2 | Input valid email, invalid password | |  |  |
| 3 | Input invalid email, valid password | |  |  |
| 4 | Input valid email and password | |  |  |
| 5 | Input invalid email and password | |  |  |
| 6 | System returns user to the regular user menu, logged in as name | |  |  |

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| **ID** | | 2 | | |
| **Title** | | Log in as an Admin | | |
| **Description** | | To log in to the system as an administrator | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | Select Log In from the main menu, by typing ‘1’ | | x | x |
| 2 | Input invalid admin email and password | |  |  |
| 3 | Input valid email and password | |  |  |
| 4 | System returns user to the regular user menu, logged in as name, with admin abilities. | |  |  |

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| --- | --- | --- | --- | --- |
| **ID** | | 3 | | |
| **Title** | | Book a flight | | |
| **Description** | | To book a flight as a customer | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | Select book flightfrom the main menu, by typing ‘3’ | | x | x |

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| --- | --- | --- | --- | --- |
| **ID** | | 4 | | |
| **Title** | | Choosing an allocated seat | | |
| **Description** | | A user trying to choose a seat that is taken | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | x | | x | x |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | | 5 | | |
| **Title** | | Cancel a booking | | |
| **Description** | | A user trying to cancel a booking | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | x | | x | x |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | | 5 | | |
| **Title** | | Cancel a booking | | |
| **Description** | | A user trying to cancel a booking | | |
|  | | | | |
| **Step** | **Description** | | **Expected Result** | **Actual Result** |
| 1 | x | | x | x |