**ETI To-Do App**

**QA Test Case Scenarios**

**Sprint 2**

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| **Test Case ID** | : | 0001 |
| **Test Description** | : | This test case tests the login functionality of the User Login Page. |
| **Feature** | : | Login |
| **Page(s)** | : | User Login Page |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | Login with no input for “Username” and “Password” fields. | Username: <Blank>  Password: <Blank> | Login Unsuccessful |  |  |
| 2. | Login with correct username and password. | Username: [marcus@abc.com](mailto:marcus@abc.com)  Password: bluemonday | Login Successful |  |  |
| 3. | Login with wrong password. | Username: [marcus@abc.com](mailto:marcus@abc.com)  Password: redmonday | Login Unsuccessful |  |  |
| 4. | Login with wrong username. | Username: [mark@abc.com](mailto:mark@abc.com)  Password: bluemonday | Login Unsuccessful |  |  |

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| **Test Case ID** | : | 0002 |
| **Test Description** | : | This test case tests the registration functionality of the User Sign Up Page. |
| **Feature** | : | Sign Up |
| **Page(s)** | : | User Sign Up Page |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | User Sign Up with no input. | Username: <Blank>  Password: <Blank>  Confirm Password: <Blank> | Error message about “Username”, “Password” and “Confirm Password” fields are required appears. |  |  |
| 2. | Username contains more than 150 characters | Username: ‘A’ \* 151  Password: QApa55w0rd  Confirm Password: QApa55w0rd | Error message about Username containing more than 150 characters appears |  |  |
| 3. | Username contains unallowed symbols which do not contain any of the allowed symbols “@/./+/-/\_” | Username: sprint#2@abc.com  Password: QApa55w0rd  Confirm Password: QApa55w0rd | Error message about Username containing unallowed symbols appears |  |  |
| 4. | Password less than 8 characters | Username: sprint2@abc.com  Password: QApa55w  Confirm Password: QApa55w | Error message about Password containing unallowed symbols appears |  |  |
| 5. | Password that is entirely numeric | Username: sprint2@abc.com  Password: 12345678  Confirm Password: 12345678 | Error message about Password should not contain entirely numbers appears |  |  |
| 6 | Confirm Password is different from Password | Username: sprint2@abc.com  Password: QApa55w0rd  Confirm Password: QApa55w0rk | Error message about Password and Confirm Password are different appears |  |  |
| 7. | User Sign Up with valid input. | Username: sprint2@abc.com  Password: QApa55w0rd  Confirm Password: QApa55w0rd | Sign Up is successful  User is authenticated afterwards and is redirected to the Login Page. |  |  |
| 8. | Username already exists in the system. | Username: sprint2@abc.com  Password: QApa55w0rd  Confirm Password: QApa55w0rd  Go to Sign Up Page and type the following details again.  Username: sprint2@abc.com  Password: QApa55w0rd  Confirm Password: QApa55w0rd | Error message about Username already exists should appear. |  |  |

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| **Test Case ID** | : | 0003 |
| **Test Description** | : | This test case tests if an authenticated user can access To-Do Page, To-Do History Page and Contributions Page. |
| **Page(s)** | : | To-Do Page, To-Do History Page, Contributions Page |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | Unauthenticated access to To-Do Page. | None | Page displays a message for the user to log in. |  |  |
| 2. | Unauthenticated access to To-Do History Page. | None | Page displays a message for the user to log in. |  |  |
| 3. | Unauthenticated access to Contributions Page. | None | Page displays a message for the user to log in. |  |  |

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| **Test Case ID** | : | 0004 |
| **Test Description** | : | This test case tests if To-Do Page shows only To-Do Items created by the current user |
| **Feature** | : | Retrieve To-Do Items |
| **Page(s)** | : | To-Do Page |
| **Note(s)** | : | For the following sequence(s), login with this user account:  ***Username:*** [*marcus@abc.com*](mailto:marcus@abc.com)  ***Password:*** *bluemonday* |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | Retrieve To-Do Items that is created by the current user. | None | Only To-Do Items belonging to the user [marcus@abc.com](mailto:marcus@abc.com) is shown. |  |  |

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| **Test Case ID** | : | 0005 |
| **Test Description** | : | This test case tests the Add To-Do Item functionality of the To-do Page. |
| **Feature** | : | Add To-Do Item |
| **Page(s)** | : | To-Do Page and To-Do History Page |
| **Note(s)** | : | For the following sequence(s), login with this user account:  ***Username:*** [*marcus@abc.com*](mailto:marcus@abc.com)  ***Password:*** *bluemonday* |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | Adding a To-Do item with no input for the “Item Name” field. | Item Name: <Blank> | To-Do Item will not be added to the list of To-Do Items.  Error message for Item Name will be shown. |  |  |
| 2. | Adding a To-Do item with filled inputs for the “Owner” and “Item Name” fields. | Item Name: QA Sprint 2 Test  Click “Add”  Go to To-Do History Page | To-Do Item with the owner, “marcus@abc.com” and item name “QA Sprint 2 Test” will be added to the list of To-Do Items with the time created shown.  At the To-Do History Page, a History Item with the item name “QA Sprint 2 Test” with the action “Added” and time of the action is shown. |  |  |

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| **Test Case ID** | : | 0006 |
| **Test Description** | : | This test case tests the Delete To-Do Item functionality of the To-do Page. |
| **Feature** | : | Delete To-Do Item |
| **Page(s)** | : | To-Do Page and To-Do History Page |
| **Note(s)** | : | For the following sequence(s), login with this user account:  ***Username:*** [*marcus@abc.com*](mailto:marcus@abc.com)  ***Password:*** *bluemonday* |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | Deleting a To-Do item | Create a To-Do Item with the following information:  Item Name: Delete Item Test  Click “Add”  Click on “Delete” button for the To-Do Item that was created above  Item Name: Delete Item Test  Owner: [marcus@abc.com](mailto:marcus@abc.com)  Go to To-Do History Page | The following To-Do item is removed from the list of To-Do Items.  At the To-Do History Page, there will be 2 History Items created.  The 1st History Item has the item name “Delete Item Test” with the action “Added” and time of the action is shown.  The 2nd History Item has the item name “Delete Item Test” with the action “Deleted” and time of the action is shown. |  |  |

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| **Test Case ID** | : | 0007 |
| **Test Description** | : | This test case tests if To-Do History Page can retrieve History of To-Do Items. |
| **Feature** | : | Retrieve History of To-Do Items |
| **Page(s)** | : | To-Do History Page |
| **Note(s)** | : | For the following sequence(s), login with this user account:  ***Username:*** [*marcus@abc.com*](mailto:marcus@abc.com)  ***Password:*** *bluemonday* |

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| **Sequence** | **Scenario** | **Test Data** | **Expected Result** | **Actual Result** | **Justification** |
| 1. | Retrieve History of To-Do Items. | None | History of To-Do Items for all users is retrieved and shown. |  |  |