**Test Plan - Issue tracking system**

Group members:

Submitted to:

Submission Date:

# Test login

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User doesn’t enter all required details | Any login input field is left empty by the user | Error alert that all inputs must be entered.  The user remains at the login page. |
| 2 | User enters username that is not registered | User not found | Error alert that the username is not recognized.  The user remains at the login page. |
| 3 | User enters a wrong password with registered username | Incorrect password | Error alert that the password does not match the username.  The user remains at the login page |
| 4 | User enters registered username and matching password | Authentication successful. | The login page closes and user is taken to issues list page. |

# Test Analyst

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User logs in to the system | Issue list page generation | The analyst can see two buttons in the issues list, a button for new issue and a button to see issue details  The user sees all issues ever reported. |
| 2 | User clicks on see issue details with no issue selected in the list | See issue details | Error alert that an issue must be selected in the list |
| 3 | User selects an issue and clicks see issue details | See issue details | User is taken to the issue details page with no editing permissions. The only button available is close button. |
| 4 | User click on new issue button | New issue | User taken to a blank issues details page with the ability to input details of a new issue. The new issue status field is automatically filled with string “New” and can not be edited.  There is always a submit button on this page |

# Test Developer

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User logs in to the system | Issue list page generation | The developer can see two buttons in the issues list, a button for new issue and a button to see issue details  The developer can only see issues that were assigned in his/her name |
| 2 | User clicks on see issue details with no issue selected in the list | See issue details | Error alert that an issue must be selected in the list |
| 3 | User selects an issue and clicks see issue details | See issue details | User is taken to the issue details page with no editing permissions.  There is always a close on this page.  There is Open and Reject buttons if the issue status is assigned.  There is a Solve button if the issue status is open. |
| 4 | User click on new issue button | New issue | User taken to a blank issues details page with the ability to input details of a new issue. The new issue status field is automatically filled with string “New” and can not be edited.  There is always a submit button on this page |

# Test Manager

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User logs in to the system | Issue list page generation | The Manager can see two buttons in the issues list, a button for new issue, a button to see issue details and Add user button,  The Manager can only see issues whose status are not closed |
| 2 | User clicks on see issue details with no issue selected in the list | See issue details | Error alert that an issue must be selected in the list |
| 3 | User selects an issue and clicks see issue details | See issue details | User is taken to the issue details page with no editing permissions.  There is always a close on this page.  There is an assign button if and a combo box containing names of developers if the issue status is new or rejected  There is Close button if the issue status is validated or rejected.  There is a Validate button in this page is the issue status is Resolved.  There is a Fail button if the issue status is Resolved |
| 4 | User click on new issue button | New issue | User taken to a blank issues details page with the ability to input details of a new issue. The new issue status field is automatically filled with string “New” and cannot be edited  There is always a submit button on this page |
| 5 | User clicks on Add user button | Add user | The user is taken to Add users page . |

# Test Add User

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User clicks on submit button without providing all details | Input validation failed | An error alert, that all inputs are required. The user stays on this page. |
| 2 | User enters a username that was already registered | Username validation failed | Error alert that the username is already registered. The user remains on this page |
| 3 | All input fields filed as required | Input validation successful | The user details are saved and the user taken back to issues list page. |

# Test new issue

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User clicks the submit button without filling all the details of the issue | Input validation | Error alert that all inputs must be entered.  The user stays on the page |
| 2 | User clicks submit button after filling all the issue details. | Input validation success | The new issue is recorded and the user redirected to the issues list page. |

# Test Issue Details Page Buttons

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| **#** | **Scenario** | **Case Flow** | **Expected Output** |
| 1 | User clicks on the close button | Close page | The page closes and the user is taken to the issues list page. |
| 2 | User clicks on the Assign button | Assign issue to developer | The issue is assigned to the selected developer and the status changes to assigned and  the page closes redirecting the user to issues list page. |
| 3 | User clicks on validate button | Validate issue | The issue status is changed from solved to validated. The page closes and user taken to issues list page. |
| 4 | User clicks on Fail button | Mark issue as failed | The issue status changes to failed and page closes redirecting user to issues list page |
| 5 | User clicks on the close button | Close issue | Issue status changes to closed and the page closes redirecting user to issues list page. |