**Project Name:** Nodebucket - https://github.com/jdam05/nodebucket

**Test Case Template**

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| **Test Executed by**: Jamal Damir | **Test Execution date:** 04/04/2023 |
| **Description: Nodebucket sprint-1 tests** |  |

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to:  http://localhost:3000 | User should be land on the login page. The input field should be clear, and the login button should be in a disactivated state. | The login page was displayed, the input field was clear, and the login button was in a disactivated state. |  |  |
| 2 | Enter one of the predefined user IDs | Login button is activated, and its color changed from gray to yellow. | Upon entering a valid ID, the login button was switched to activated and its color changed yellow. |  |  |
| 3 | Click on the login button. | Login should complete successfully, and the user should be redirected to the home page. | Login completed successfully and the user was redirected to the home page. |  |  |

Comments: The above test-case goes through the display and the actions taken on Nodebucket’s login page. The tests above check for the proper display of the login page when run locally on both localhosts 3000 and 4200. The login button and the input filed were tested and the desirable outcome was achieved.

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Enter an invalid numerical user ID. | Login button should activate, and its color changed to yellow. | Login button activated and color changed to yellow. |  |  |
| 2 | Click login button | Input field is reset, login button is disactivated, and error message requiring a valid ID is displayed. Login should fail. | Login failed, the input button went back to disactivated state, and the input filed was reset. An error message requiring a valid user ID was displayed and access to the home page wasn’t allowed. |  |  |
| 3 | Enter a non-numerical user ID. | Login button should activate, and its color changed to yellow. | Login button activated and color changed to yellow. |  |  |
| 4 | Click login button | Input field is reset, login button is disactivated, and error message requiring a numerical user ID is displayed. Login should fail. | Login failed, the input button went back to disactivated state, and the input filed was reset. An error message requiring a numerical user ID was displayed and access to the home page wasn’t allowed. |  |  |

Comments: The above steps were used to test the login page’s behavior when either an invalid or a non-numerical user ID is entered in the input field. In both cases, login to the application failed, the input filed was reset and the login button was deactivated. The proper error messages were displayed depending on the action taken.

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Leaving the input field empty | Button should stay disactivated. | Login button stayed disactivated. |  |  |
| 2 | Clicking outside the input filed. | “Employee ID is required field” error message should show-up under the input field. | “Employee ID is required field” error message was displayed in the expected area. |  |  |
| 3 | Enter a valid user ID | “Employee ID is required field” error message should disappear, and the login button should change to activated state. | “Employee ID is required field” error message disappeared, and the login button changed to activated state. |  |  |
| 4 | Click login button | Login should complete successfully, and the user is redirected to the home page. | Login was successfully completed, and the user was redirected to the home page |  |  |

Comments: The above steps were used to test the login page’s behavior when the input filed was left empty. The expected outcomes were achieved, and the login page behaved as expected after the user entered a valid ID.