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| Kevin Meza |
| **Project** Module 4: Writing Test Plans and Functional Testing |
| **Course:** CSD380 DevOps |
| **Description:** Testing For Todo Application |
| **Date:** 06/18/24 |

Reviewed by Jeremiah Kellam

Test Plan:

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| Test 1 | 1: Visit/Load <https://buwebdev.github.io/todo/> | | | |
|  | **Test Objective:** Verifies proper loading of page | **Developer: Kevin Meza**  **Date tested:** 06/19/2024 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Everything loads as expected and no errors. | yes | Yes |
| 2 | Refresh Browser | Everything loads as expected and no errors. | yes | Yes |
| 3 | Test on different Browser | Everything loads as expected and no errors. | yes | Yes |
| **Comments** | Developer: No issues reported, and everything worked smoothly. This is in regards to the page loading  Peer tester: No issues found, works on Edge and Chrome. | | | |

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| Test 2 | 2: Create a new todo task item | | | |
|  | **Test Objective: Ensure a new todo task item is created without errors** | **Developer: Kevin Meza**  **Date tested:** 06/19/2024 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Everything loads as expected and no errors. | yes | Yes |
| 2 | Enter new task item into form field | User able to place cursor in field and type | yes | Yes |
| 3 | Enter todo item and click “Add Task” button | Ensure “Add Task” button highlights to prompt user to click as well as be “clickable” | yes | Yes |
| 4 | Verify item is added to list | User sees the item added to list with edit and trash buttons available – The top form refreshes to empty state. | yes | Yes |
| 5 | Refresh Browser | The new added todo list item remains after browser refresh | no | No |
| **Comments** | Developer: The action of adding an item is quick and easy. The item doesn’t stay when the page is reloaded.  Peer Tester: Adding a task is simple and intuitive, new task does not remain when refreshing the page. | | | |

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| Test 3 | 3: Edit a todo task item | | | |
|  | **Test Objective:** Edit a todo task item without errors | **Developer: Kevin Meza**  **Date tested:** 06/19/2024 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click on edit “pencil” icon | Edit Form pops up with an editable form and save button | yes | Yes |
| 2 | Delete task item and enter new info | Form info is deleted, and new info is entered | yes | Yes |
| 3 | Save new todo list info | Save button is functional and updated item is viewable | yes | Yes |
| 4 | Refresh Browser | Updated todo list item remains updated | no | No |
| **Comments** | Developer: The action is performed as expected but with issue. The issue is that the item reverts to previous state when the browser is refreshed.  Peer Tester: As developer said, no issues editing a task. No changes remain after page is refreshed | | | |

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| Test 4 | 4: Delete a todo task item | | | |
|  | **Test Objective: Delete a todo task item without error. Item remains deleted.** | **Developer: Kevin Meza**  **Date tested:** 06/19/2024 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure the Delete icon is visible | The Delete icon is visible | yes | Yes |
| 2 | Click on the delete icon of the desired item | Button is Clickable and item is deleted | yes | Yes |
| 3 | Ensure page updates | Page is updated without deleted item | yes | Yes |
| 4 | Refresh Browser | Deleted todo list item remains deleted | no | no |
| **Comments** | Developer: Once again, upon browser refresh, the list reverts back to original state.  Peer Tester: No issues deleting items. Upon refresh, deleted items return | | | |

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| Test 5 | 5: Prevent users from submitting the edit form without entering a todo item | | | |
|  | **Test Objective:** Prevent users from submitting the edit form without entering a todo item | **Developer: Kevin Meza**  **Date tested:** 06/19/2024 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click edit and delete the current item | Edit form/window is blank | yes | yes |
| 2 | Click “Save” | “error” message displays saying “Please complete all required fields” | no | No |
| 3 | Ensure the form looks “normal” | Form is unchanged if no info is saved in the edit form | no | No |
| **Comments** | Developer: There needs to be an error message and a cancel button. The todo list shows a blank item if a blank field is saved.  Peer Tester: Save button active no matter if there is anything in the field or not, no error message as developer listed. Blank Task in Todo List is the result. | | | |