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| **Project:** Module 4.2 Assignment Test Plan |  |
| **Course:** CSD380-O307 DevOps James Cortes |  |
| **Description:** Drafting a Test Plan |  |
| **Date:** 2025/4/9 |  |

To complete the test case plan, fill out the information for Project, Course, Description and Date in the header below.

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For each test, the developer should: provide a test description, a test objective, the developer's name and date tested. For each step, fill out the actions to be taken and describe the expected results, and indicate yes or no for each step depending upon the result. The peer tester should provide their name, date tested, indicate yes or no for each step depending upon the result, and a screenshot (thumbnail) of the result.

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| Test 1 | **Access Website via Standard URL** | | | |
|  | **Test Objective:** Verify that users can successfully access the website through the standard URL | **Developer:**  **Date tested: 2025/4/9** | **Peer tester: Dan Zhu**  **Date tested:** **09/05/2025** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open Browser | Browser opens without any errors | Yes | Yes |
| 2 | Navigate to https://buwebdev.github.io/todo/ | Todo page loads without erros | Yes | Yes |
| 3 | Confirm the page loads | UI elements are visible and accessible | Yes | Yes |
| 4 | Refresh the browser | Page reloads successfully | Yes | Yes |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 2 | **Add a New Todo Item** | | | |
|  | **Test Objective: Verify that users can add new Todo items to the list** | **Developer:**  **Date tested:** 2025/4/9 | **Peer tester: Dan Zhu**  **Date tested: 09/05/2025** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate the input field on the page | Input field is visible and active | Yes | Yes |
| 2 | Type “Buy groceries” into the input field | Text appears in the input field | Yes | Yes |
| 3 | Press Enter key or click the Add button | New item “Buy groceries” is added to the list below | Yes | Yes |
| 4 | Observe the new item in the list | The item includes a checkbox and deletes (trash) icon | Yes | No  The list doesn’t have checkbox. It only has edit button and delete button |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 3 | **Mark a Todo Item as Completed** | | | |
|  | **Test Objective: Verify that users can mark a Todo item as completed** | **Developer:**  **Date tested:** 2025/4/9 | **Peer tester: Dan Zhu**  **Date tested: 09/05/2025** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate a todo item in the list | The item is visible with an unchecked checkbox | Yes | No  There is no check box |
| 2 | Click the checkbox for that item | The item test is styled | No | No  There is no check box |
| 3 | Optionally reload the page | The completed status is retained | No | No  There is no check box |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 4 | **Delete a Todo Item** | | | |
|  | **Test Objective: Ensure that users can delete items from the list** | **Developer:**  **Date tested:** 2025/4/9 | **Peer tester: Dan Zhu**  **Date tested: 09/05/2025** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate the delete (trash) icon next to a todo item | Delete icon is visible | Yes | Yes |
| 2 | Click the delete icon | The selected item is immediately removed from the list | Yes | Yes |
| 3 | Verify the remaining list | All other tiems remain unaffected and correctly displayed | Yes | Yes |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 5 | **Persistence of Items After Page Refresh** | | | |
|  | **Test Objective: Verify that Todo items remain after the page is reloaded** | **Developer:**  **Date tested:** 2025/4/9 | **Peer tester: Dan Zhu**  **Date tested: 09/05/2025** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Add a todo item (“Finish assignment”) | Items appear in the list with checkbox and delete icon | Yes | No  New task added to the list but there is no check box |
| 2 | Refresh the browser using the reload button | Page reloads successfully | Yes | Yes |
| 3 | Check the Todo list | “Finish assignment” still appears in the list with original status (completed or not) | No | No  Finish assignment is not appearing in the list. |
| 4 |  |  |  |  |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |