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| **Project:**  **Test Plan** |  |
| **Course:** **CSD380-M320 DevOps (2255-DD)** |  |
| **Description:** The website is loaded in a browser |  |
| **Date:** 2025/04/13) |  |

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 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 | **<DESCRIPTION>** | | | |
|  | **Test Objective:**  Verify that the website loads successfully using a standard URL. | **Developer:**  **Date tested:** 2025/04/13 | **Peer tester:**  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a browser | N/A | yes | yes |
| 2 | https://buwebdev.github.io/todo/ | The website loads without any errors and refreshes without issue | yes | yes |
| 3 | Confirm that the page loads without any visible errors | The site loaded and refreshed correctly with no errors |  |  |
| 4 | Refresh the page |  |  |  |
| 5 | Confirm that the page reloads correctly |  |  |  |
| **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 | **<DESCRIPTION>** | | | |
|  | **Test Objective: Verify that a user can add a new todo item to the list** | **Developer:**  **Date tested:** 2025/04/13 | **Peer tester:**  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate the input field labeled 'What needs to be done? | Buy groceries | yes | yes |
| 2 | Enter the text 'Buy groceries' | The new todo item 'Buy groceries' appears in the list below | Yes | yes |
| 3 | Click the '+' or 'Add' button to submit the item. | The item was successfully added and displayed in the list | yes | Yes |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| **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 | **<DESCRIPTION>** | | | |
|  | **Test Objective: Verify that the user can mark a todo item as complete** | **Developer:**  **Date tested:** 2025/04/13 | **Peer tester:**  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate an item in the list (e.g., 'Buy groceries') | Buy groceries | yes | yes |
| 2 | Click the checkbox next to the item | The item is visually marked as completed (e.g., line-through, grayed out). | yes | yes |
| 3 |  | The item was marked complete with a strikethrough effect | yes | yes |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| **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 | **<DESCRIPTION>** | | | |
|  | **Test Objective: Verify that a user can delete a todo item** | **Developer:**  **Date tested:** 2025/04/13 | **Peer tester:**  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate the item in the list | Buy groceries | yes | yes |
| 2 | Click the delete/trash icon next to the item. | The item is removed from the list | yes | yes |
| 3 |  | The item was successfully removed from the list | yes | yes |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| **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 | **<DESCRIPTION>** | | | |
|  | **Test Objective: Verify that an empty todo item cannot be added** | **Developer:**  **Date tested:** 2025/04/13 | **Peer tester:**  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Leave the input field blank | (Empty input) | yes | yes |
| 2 | Click the 'Add' button | No item is added; input is either ignored or an alert message is shown | yes | yes |
| 3 |  | No item was added to the list | yes | yes |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |