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| **Project:** Module 4 Test case | Jacob Cannamela |
| **Course:** CSD-380 |  |
| **Description:** Module 4 Test cases |  |
| **Date:** 06/19/2025 |  |

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 | Allow users to visit the website through <https://buwebdev.github.io/todo/> | | | |
|  | **Test Objective:** Verifies the website loads correctly from the proper link | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit the site | Site loads | <yes/no> | <yes/no> |
| 2 | Confirm the page loaded properly | No errors | <yes/no> | <yes/no> |
| 3 | Refresh the page | Site loads | <yes/no> | <yes/no> |
| 4 | Confirm the page reloaded correctly | No errors | <yes/no> | <yes/no> |
| **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 | Prevent users from submitting a task form with without entering a todo item | | | |
|  | **Test Objective: ensure input validation works on the todo form** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load web page | Site loads properly | <yes/no> | <yes/no> |
| 2 | Attempt to submit an empty todo task | User clicks the add task button | <yes/no> | <yes/no> |
| 3 | validate how the system reacts | System throws an error | <yes/no> | <yes/no> |
| 4 | Enter a valid todo task | User clicks the add task button | <yes/no> | <yes/no> |
| 5 | Validate how the system reacts | New task is added to the todo list | <yes/no> | <yes/no> |
| **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 | Edit a todo task item | | | |
|  | **Test Objective: validate users can edit the items on the todo list** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Create the todo list by submitting items | Todo list is built | <yes/no> | <yes/no> |
| 2 | Click the edit button on a todo list item | Todo list item creates a text box to allow editing of the item | <yes/no> | <yes/no> |
| 3 | Make any changes and hit save | The todo list item is changed | <yes/no> | <yes/no> |
| **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 task item | | | |
|  | **Test Objective: validate users can delete the items on the todo list** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Create the todo list by submitting items | Todo list is built | <yes/no> | <yes/no> |
| 2 | Click the delete button on a todo list item | Todo list item is deleted | <yes/no> | <yes/no> |
| **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 | Prevent users from submitting the edit form without entering a todo item | | | |
|  | **Test Objective: ensure input validation works on the todo form when editing tasks** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load web page | Site loads properly | <yes/no> | <yes/no> |
| 2 | Attempt to edit a task, and leave it empty, hit save | System throws an error | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |