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| **Project:** Module 4 Test case | Brian Preston |
| **Course:** CSD-380 |  |
| **Description:** Module 4 Test cases |  |
| **Date:** 06/22/2025 | Date Tested: 06/22/2019 |

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

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**TABLE OF CONTENTS**

[Allow users to visit the website through https://buwebdev.github.io/todo/ 2](#_Toc201234271)

[Prevent users from submitting a task form with without entering a todo item 2](#_Toc201234272)

[Edit a todo task item 3](#_Toc201234273)

[Delete a todo task item 3](#_Toc201234274)

[Prevent users from submitting the edit form without entering a todo item 4](#_Toc201234275)

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

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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:** Jacob Cannamela  **Date tested:** 2025/06/19 | **Peer tester: Brian Preston**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit the site | Site loads | yes | Pass A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Confirm the page loaded properly | No errors | yes | Pass |
| 3 | Refresh the page | Site loads | yes | yes |
| 4 | Confirm the page reloaded correctly | No errors | yes | A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | After opening the website, it loads properly and continues to reload correctly after each refresh, with no errors displayed. | | | |

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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:** Jacob Cannamela  **Date tested:** 2025/06/19 | **Peer tester: Brian Preston**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load web page | Site loads properly | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Attempt to submit an empty todo task | User clicks the add task button | Fail | No  A screenshot of a task form  AI-generated content may be incorrect. |
| 3 | validate how the system reacts | System throws an error | no | no |
| 4 | Enter a valid todo task | User clicks the add task button | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 5 | Validate how the system reacts | New task is added to the todo list | Yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | After loading the website without any errors, I attempted to submit a to-do item without entering any text; the system would not allow me to click the "Create" button. Only after entering text—in this case, “Eat Breakfast”—and clicking submit did the system successfully add the to-do item. | | | |

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| Test 3 | Edit a todo task item | | | |
|  | **Test Objective: validate users can edit the items on the todo list** | **Developer:** Jacob Cannamela  **Date tested:** 2025/06/19 | **Peer tester: Brian Preston**  **Date tested:** 2025/06/19 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Create the todo list by submitting items | Todo list is built | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Click the edit button on a todo list item | Todo list item creates a text box to allow editing of the item | fail | No  A white background with black border  AI-generated content may be incorrect. |
| 3 | Make any changes and hit save | The todo list item is changed | fail | A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | The website is simple to use, and items can be added easily. However, once an item is created, there is no option to directly edit the to-do. To make changes, you must delete the existing to-do, re-type the updated version, and then submit it again. | | | |

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| Test 4 | Delete a todo task item | | | |
|  | **Test Objective: validate users can delete the items on the todo list** | **Developer:** Jacob Cannamela  **Date tested:** 2025/06/19 | **Peer tester: Brian Preston**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Create the todo list by submitting items | Todo list is built | pass | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Click the delete button on a todo list item | Todo list item is deleted | pass | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | It is easy to create a to-do list and just as easy to delete each to-do item once it is completed. This makes it simple to keep the to-do list up to date and organized. | | | |

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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:** Jacob Cannamela  **Date tested:** 2025/06/19 | **Peer tester: Brian Preston**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load web page | Site loads properly | pass | yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Attempt to edit a task, and leave it empty, hit save | System throws an error | Fail | No  A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | Tasks can be added easily; however, editing a task is not possible. The site only allows you to completely delete a task and then re-enter it in order to make any changes. | | | |