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| **Project:** Kristina Vasquez Module 4.2 Test Plan |  |
| **Course:** CSD380-H306 Devops (2253-DD) |  |
| **Description:** This is a template to use test cases for the https://buwebdev.github.io/todo/ |  |
| **Date:** 02/01/2025 |  |

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 | **Verify Website Accessibility** | | | |
|  | **Test Objective:** Ensure the website is accessible via the correct URL without errors or redirects, and it loads properly. | **Developer:**  **Date tested:** 2/1/2025 | **Peer tester: Deena**  **Date tested:** 2025/02/02 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Access the URL <https://buwebdev.github.io/todo/> | The website should load properly without any errors (e.g., 404). The correct page should be displayed. | Yes, this has passed | Yes  A screenshot of a computer  Description automatically generated |
| 2 | Confirm the website is visible and there is no error (such as a 404 error). | The page should load completely, showing the website's content. If there’s an error, ensure the URL is correct, internet access is available, and the browser's cache/cookies are cleared. | Yes, this has passed | Yes  A screenshot of a computer  Description automatically generated |
| **Comments** | The website loaded successfully without any errors, and the page content displayed correctly. No redirects or 404 errors occurred. | | | |

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| Test 2 | **Verify Adding a Task to the Todo List** | | | |
|  | **Test Objective: Verify that the Todo app allows users to successfully add a task to the Todo List and handles specific edge cases (like blank tasks, long text, etc.).** | **Developer:**  **Date tested:** 02/01/2025 | **Peer tester: Deena**  **Date tested:** 2025/02/02 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Can you type in the text box? | The text box should be accessible, allowing the user to type in their desired task. | Yes, this has passed | Yes  A screenshot of a computer  Description automatically generated |
| 2 | Does the text box have a word count or character limit? | The text box should limit excessively long tasks or provide guidance on task length. Tasks should be brief and clear (e.g., "Take out the trash"). | No this did not pass | No  A screenshot of a computer  Description automatically generated |
| 3 | Can you add blank tasks? | The app should prevent the addition of blank tasks or tasks with only spaces. Users should be prompted to enter a valid task. | No this did not pass | No  A screenshot of a computer  Description automatically generated |
| 4 | Does the “Add Task” button work? | After typing a task, the user should be able to click the “Add Task” button to add the task to the list. | Yes, this has passed | Yes  A screenshot of a computer  Description automatically generated |
| 5 | Does the new task stay in the task list after a refresh of the page? | After refreshing the page, the task should remain in the list unless manually deleted by the user. | No this did not pass | No  A screenshot of a computer  Description automatically generated |
| **Comments** | The functionality for adding tasks works well, including typing in the text box and clicking the “Add Task” button. However, the following issues were observed:   1. The text box does not limit the length of the task, allowing users to paste in long paragraphs of text. This could result in unwanted behavior. 2. The app allows blank tasks to be added, even if only spaces are entered. It should prevent this. 3. Tasks do not persist after a page refresh, even if they were added successfully. This issue needs to be addressed to ensure the task list is saved or updated correctly. | | | |

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| Test 3 | **Verify Editing and Deleting Tasks in the Todo List** | | | |
|  | **Test Objective: Verify that users can edit and delete tasks in the Todo List, and that changes persist (i.e., tasks are updated or removed properly and do not reappear after refreshing the page).** | **Developer:**  **Date tested:** 02/01/2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Can users click the edit button? | Users should be able to click the "Edit" button, which opens a popup window to edit the task. | Yes, this has passed | Yes |
| 2 | Can users utilize the text box in the popup window? | The popup window should allow users to type their updates in the text box. | Yes, this has passed | Yes  A screenshot of a email form  Description automatically generated |
| 3 | Can users save the updates to the task? | After editing, users should be able to click the "Save" button (red button), and the updated task will be reflected in the Todo List. | Yes, this has passed | Yes  A group of black text  Description automatically generated |
| 4 | Can users delete a task? | After clicking the red trash can icon, the task should be deleted from the list. | Yes. this has passed | Yes  A screenshot of a computer screen  Description automatically generated |
| 5 | Does task reappear after a refresh to the page? | Once a task is deleted, it should not reappear after refreshing the page. | No, this task did not pass | No  A screenshot of a computer  Description automatically generated |
| **Comments** | The editing and deleting functions work as expected. Users can click the 'Edit' button, make changes in the popup window, and save those changes. Deleting a task also works correctly when the trash can icon is clicked. However, after deleting a task and refreshing the page, the task reappears in the list. Additionally, edits are not saved when the page is refreshed, which indicates that the task data is not persisting after the page reloads. | | | |