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| **Project:** TODO Test Plan |  |
| **Course:** CSD380 - DevOps |  |
| **Description:** Module 4 Assignment |  |
| **Date:** 2025/09/04 |  |

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 | **Access Website Through Standard URL** | | | |
|  | **Test Objective:**  Verify that users can access the To-Do application through the provided URL | **Developer:**  **Date tested:** 2025/09/04 | **Peer tester: Jacob Achenbach**  **Date tested:** 9/7/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a browser and visit [https://buwebdev.github.io/todo/](https://buwebdev.github.io/todo/?utm_source=chatgpt.com) | |  | | --- | | Website loads without errors |  |  | | --- | |  | | yes | Yes |
| 2 | |  | | --- | | Refresh the browser page |  |  | | --- | |  | | |  | | --- | | Page reloads successfully without errors |  |  | | --- | |  | | yes | Yes |
| 3 | |  | | --- | | Click around on the page (e.g., navigation) |  |  | | --- | |  | | |  | | --- | | All links and app elements respond without breaking |  |  | | --- | |  | | yes | Yes |
| **Comments** | Perfect all went according as plan. Great well organized steps. | | | |

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| Test 2 | **Create a New To-Do Task** | | | |
|  | **Test Objective:** Verify that users can add a new task | **Developer:**  **Date tested:** 2025/09/04 | **Peer tester: Jacob Achenbach**  **Date tested:** 9/7/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the To-Do app home page | Page displays task list and input form | yes | Yes |
| 2 | Enter text into the “new task” field | Text is accepted in the input box | yes | Yes |
| 3 | Click the “Add” button | Refresh the browser page | yes | Yes |
| 4 | Refresh the browser page | Newly added task still appears in the list (persistent storage check) | no | No |
| **Comments** | Great actions and explanations. Each action had the expected results. | | | |

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| Test 3 | **Delete a To-Do Task** | | | |
|  | **Test Objective:** Verify that users can delete an existing task. | **Developer:**  **Date tested:** 2025/09/04 | **Peer tester: Jacob Achenbach**  **Date tested:** 9/7/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  | | --- | | Navigate to the To-Do app home page with at least one task created |  |  | | --- | |  | | |  | | --- | | Page displays a task item |  |  | | --- | |  | | yes | Yes |
| 2 | |  | | --- | | Click the delete/remove button next to a task |  |  | | --- | |  | | |  | | --- | | Selected task disappears from the list |  |  | | --- | |  | | yes | Yes |
| 3 | |  | | --- | | Refresh the page |  |  | | --- | |  | | |  | | --- | | Deleted task does not reappear |  |  | | --- | |  | | yes | Yes |
| **Comments** | Action 3 was a little confusing. I thought it meant they do reappear when in reality they do not. | | | |

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| Test 4 | **Prevent Submitting Empty Task** | | | |
|  | **Test Objective:** Verify that users cannot submit a new task without entering text. | **Developer:**  **Date tested:** 2025/09/04 | **Peer tester: Jacob Achenbach**  **Date tested:** 9/7/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  |  |  | | --- | --- | --- | | |  | | --- | | Navigate to the To-Do app home page |  |  | | --- | |  | |  |  | | --- | |  | | |  |  |  | | --- | --- | --- | | |  | | --- | | Input field and add button are visible |  |  | | --- | |  | |  |  | | --- | |  | | yes | Yes |
| 2 | |  |  |  | | --- | --- | --- | | |  | | --- | | Leave the input field blank |  |  | | --- | |  | |  |  | | --- | |  | | |  |  |  | | --- | --- | --- | | |  | | --- | | Field remains empty |  |  | | --- | |  | |  |  | | --- | |  | | yes | Yes |
| 3 | |  | | --- | | Click the “Add” button |  |  | | --- | |  | | |  |  |  | | --- | --- | --- | | |  | | --- | | No new task is created, error message or validation is shown |  |  | | --- | |  | |  |  | | --- | |  | | yes | Yes |
| 4 | |  | | --- | | Add “white space” to the field |  |  | | --- | |  | | |  | | --- | | Field appears to remains empty |  |  | | --- | |  | | yes | No |
| 5 | Click the “Add” button | No new task is created, error message or validation is shown | no | No |
| **Comments** | Great actions and execution. All cases passed as expected. | | | |

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| Test 5 | **Edit a To-Do Task** | | | |
|  | **Test Objective:** Verify that users can edit an existing task. | **Developer:**  **Date tested:** 2025/09/04 | **Peer tester: Jacob Achenbach**  **Date tested:** 9/7/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  | | --- | | Navigate to the To-Do app home page with at least one task created |  |  | | --- | |  | | |  | | --- | | Page displays a task item |  |  | | --- | |  | | yes | yes |
| 2 | Click the “Edit” option for the task | Task becomes editable (input field appears or text changes to editable mode) | yes | yes |
| 3 | |  | | --- | | Change the task text and save |  |  | | --- | |  | | |  | | --- | | Updated task text is displayed in the list |  |  | | --- | |  | | yes | Yes |
| 4 | |  | | --- | | Click the “Edit” option for the task |  |  | | --- | |  | | Task becomes editable (input field appears or text changes to editable mode) | yes | yes |
| 5 | |  | | --- | | Delete the contents of the task and save it as a blank entry |  |  | | --- | |  | | No new task is created, error message or validation is shown | no | Yes |
| **Comments** | All was good expect for the last. The last action did create empty todo. | | | |