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| **Project:** Test Plan |  |
| **Course:** CSD-380 – Julie Sakai |  |
| **Description: A test plan to confirm the functionalities of the Todo application.** |  |
| **Date:** (2025/04/12) |  |

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 | **Accessing the Website** | | | |
|  | **Test Objective:** Ensure that the website is accessible through the URL. | **Developer:** Julie Sakai  **Date tested:** 2025/04/12 | **Peer tester:** Robert Bean  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** 2025/04/12 | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit the URL “ <https://buwebdev.github.io/todo/> “. | The page loads without any errors. | yes | Yes |
| 2 | Refresh the browser window. | Confirm that the page reloads without any errors. | yes | Yes |
| 3 | Interact with the clickable buttons. | The page function works without issues. | yes | Yes |
| **Comments** | No issues navigating to the landing page. Load times are fast and responsive, and refreshing the browser is near instantaneous. All visible buttons are clickable without issues. | | | |

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| Test 2 | **Adding a Task** | | | |
|  | **Test Objective:** Ensure the functionality of adding new tasks to the ToList is validating input handling. | **Developer:** Julie Sakai  **Date tested:** 2025/04/12 | **Peer tester:** Robert Bean  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the task form | The task form appears with fields to add a new task. | yes | Yes |
| 2 | Enter a valid task and select “Add Task” | The task is added to the Todo List. | yes | Yes |
| 3 | Refresh the page after entering a task and select “Add Task”. | The added task appears in the Todo List after the page is refreshed. | no | No |
| **Comments** | The text field for adding additional tasks is easily visible and accessible. The corresponding “Add Task” button accurately indicates when acceptable text is entered into the text field. However, refreshing the page resets the Todo list removing any additional tasks added. | | | |

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| Test 3 | **Editing a Task** | | | |
|  | **Test Objective:** Ensure the functionality of editing existing tasks and save changes. | **Developer:** Julie Sakai  **Date tested:** 2025/04/12 | **Peer tester:** Robert Bean  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select an existing task in the Todo List and click the edit button. | The selected task will appear in the “Edit Form” with the task field below. | yes | Yes |
| 2 | Modify the task title and select “save”. | The updated task appears in the Todo List. | yes | Yes |
| 3 | Refresh the page after editing a task. | The edited task updates the changes on the Todo List. | no | No |
| **Comments** | Editing an existing task is straight forward and user friendly. The edit button is nicely stylized, and no issues found when interacting with it. The Edit From field is simple and unintrusive. However, refreshing the page resets the Todo list removing any changes made to existing tasks. | | | |

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| Test 4 | **Deleting a Task** | | | |
|  | **Test Objective:** Ensure the functionality of removing tasks for the Todo List. | **Developer:** Julie Sakai  **Date tested:** 2025/04/12 | **Peer tester:** Robert Bean  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select an existing task and click the delete button. | The selected task is removed from the Todo List. | yes | Yes |
| 2 | Verify the Todo List after deleting a task. | The selected task is removed, and the other tasks remain on the Todo List. | yes | Yes |
| 3 | Refresh the page after deleting a task. | The selected task to be deleted is removed and does not reappear in the Todo List. | no | No |
| **Comments** | Removing an existing task is mostly straight forward and user friendly, and the remove button is nicely stylized. However, there is no confirmation notification displayed which might impede a user’s experience. Additionally, refreshing the page resets the Todo list adding back in the removed task. | | | |

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| Test 5 | **Handling Invalid URL** | | | |
|  | **Test Objective:** Ensure the invalid URL is displaying the 404 error page. | **Developer:** Julie Sakai  **Date tested:** 2025/04/12 | **Peer tester:** Robert Bean  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter the valid URL for the Todo List “<https://buwebdev.github.io/todo/> “. | The page loads without any errors. | yes | Yes |
| 2 | Enter the invalid URL for the Todo List “[https://buwebdev.github.io/to](https://buwebdev.github.io/to/)“. | The page displays a 404 error page. | yes | Yes |
| **Comments** | The correct URL for the landing page works without issue and loading is fast. Navigating to an erroneous internal source within the site successfully displays a custom 404 error. A suggestion though, would be to have the custom 404 message have a larger and centered font for a more user-friendly experience. \*Note\* The developer for this task had a slight misinterpretation of the documentation requirements and provided an external URL which does display a 404 message, however one that is not custom to the Todo list site. | | | |