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| **Project:** Todo Application | Peer Reviewer: Jeremiah Kellam |
| **Course:** CSD 380 |  |
| **Description:** Test plan for Todo Application |  |
| **Date:** 2024/06/23 |  |

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 | **View a List of Todo Task Items** | | | |
|  | **Test Objective:**  Ensure that the list of todo task items is displayed correctly. | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Confirm the list of todo task items is visible. | A list of todo task items is displayed. | yes | yes |
| 3 | Verify each todo item displays the correct details. | Each todo item shows accurate details. | yes | yes |
| **Comments** | Page loads without issues. All items functional. All edits or additions are removed when page is reloaded. | | | |

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| Test 2 | **Create a New Todo Task Item** | | | |
|  | **Test Objective: Ensure that new todo task items can be added successfully.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Click on the "Add Task" button. | A form to add a new todo task is displayed. | yes | yes |
| 3 | Enter valid details into the form and submit. | The new todo task item is added to the list. | yes | yes |
| 4 | Verify the new task is displayed in the list. | The new task appears in the todo list. | yes | yes |
| **Comments** | The process to add a task to the Todo List is simple and intuitive. No issues with adding to list, though there is no way to edit what priority/order there is on the list. | | | |

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| Test 3 | **Edit a Todo Task Item** | | | |
|  | **Test Objective: Ensure that existing todo task items can be edited successfully.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Click on an existing todo task item to edit. | A form to edit the todo task is displayed. | yes | yes |
| 3 | Enter new details into the form and submit. | The todo task item is updated in the list. | yes | yes |
| 4 | Verify the updated task is displayed in the list. | The updated task appears in the todo list. | yes | yes |
| **Comments** | Editing a task is simple and intuitive. There is no issue selecting a task and editing it for submission. | | | |

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| Test 4 | **Delete a Todo Task Item** | | | |
|  | **Test Objective: Ensure that existing todo task items can be deleted successfully.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Click on the delete button next to a todo task item. | The todo task item is removed from the list. | yes | yes |
| 3 | Confirm the task item is no longer in the list. | The task item no longer appears in the list. | yes | yes |
| **Comments** | The delete functionality works without any issues. Clicking the delete button removes the todo task item from the list. Possibly need to add a pop-up to confirm deletion of a task so mistakes in selection aren’t irreversible. | | | |

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| Test 5 | **Invalid URL Handling** | | | |
|  | **Test Objective: Ensure that the application displays a custom 404 error page for invalid URLs.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Jeremiah Kellam**  **Date tested:** 2024/07/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to an invalid URL (e.g., https://buwebdev.github.io/todo/invalidpage) | A custom 404 error page is displayed. | yes | Fail – redirects to https://buwebdev.github.io/todo/not-found |
| 2 | Verify the 404 error page content. | The error page contains a message about the invalid URL. | yes | Fail – “not-found works!” is shown on screen and no 404 message is presented |
| 3 | Click on any available link to navigate back to the main page. | The user is redirected to the main todo page. | yes | Fail – no links found |
| **Comments** | No custom 404 page found on for the link listed.  It redirected to a todo/not-found page with a simple not-found works! message. Overhaul may be needed for this feature. | | | |