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| **Project: Module 4.2 Assignment** |  |
| **Course:** CSD 380 |  |
| **Description: This project includes 5 test cases for the todo app** |  |
| **Date: 6.19.25** |  |

.Rachel Theis

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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 | Create a new todo task item | | | |
|  | **Test Objective:** Verifies input data meets requirements | **Developer:**  **Date tested:** June 19, 2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit <https://buwebdev.github.io/todo/> | User interface loads and ‘Welcome to Todo App’ is visible | <yes/no> | <yes/no> |
| 2 | Navigate to the Task Form | Task Form is visible on webpage | <yes/no> | <yes/no> |
| 3 | Enter text into the Task Form Field | The field is clickable and allows users to add text | <yes/no> | <yes/no> |
| 4 | Select ‘Add Task’ button | ‘Add Task’ is visible and clickable for the user | <yes/no> | <yes/no> |
| 5 | Confirm that task was added to ‘Todo List’ | Task Appears in the space below ‘Todo List’ header, confirming successful new task | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 2 | View a list of todo task items | | | |
|  | **Test Objective:** | **Developer:**  **Date tested: June 19, 2025** | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | User interface loads and ‘Welcome to Todo App’ is visible | <yes/no> | <yes/no> |
| 2 | Confirm that ‘Todo List’ box is visible under the Task Form | The Todo List box is present in the correct position, and if tasks have already been added, they will appear under ‘Todo List’ | <yes/no> | <yes/no> |
| 3 | Add a task to confirm that list is properly responding to input | Upon correctly inputting a task, this will then appear in the ‘Todo List’ box | <yes/no> | <yes/no> |
| 4 | Confirm that each task has an edit and delete button on the right side of the task bar | Each task will have edit and delete buttons that will appear on the right side of the task bar, validating that other business requirements like editing and deleting are being met. | <yes/no> | <yes/no> |
| 5 | Edit one of the to-dos by changing its text and selecting saving the pop-up edit form | After editing this todo, the changes should reflect in the list view, demonstrating that the application is correctly responding to user input and they view of to-dos is accurate, | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 3 | Prevent users from submitting a task form without entering a todo item | | | |
|  | **Test Objective:** | **Developer:**  **Date tested: June 19, 2025** | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | User interface loads and ‘Welcome to Todo App’ is visible | <yes/no> | <yes/no> |
| 2 | Add a task that includes standard text (i.e. read 2 chapters of book) to confirm that list is properly responding to input | This will result in a new task added to the todo list that is displayed below the Task Form field. This will confirm that the program is properly working when adding tasks as intended | <yes/no> | <yes/no> |
| 3 | Attempt to add a new task that does not include any text and leaves the fillable ‘Task’ form blank | Adding a task without text will be unsuccessful because the ‘Add Task’ button is only clickable when text is entered into the ‘Task’ field. | <yes/no> | <yes/no> |
| 4 | Verify that the ‘Add Task’ button becomes clickable when text is added to the ‘Task’ field by entering a word | After filling a word into the ‘Task’ field, the ‘Add Task’ button will become clickable. | <yes/no> | <yes/no> |
| 5 | Verify that word fragments under 4 letters are not addable to the task list | Enter a 3-letter string and verify that the ‘Add Task’ button remains unclickable. Enter a 4-letter string and verify that the ‘Add Task’ button becomes clickable. This step can help prevent fragments or typos from being accidentally added to the list. | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 4 | Delete a todo task item | | | |
|  | **Test Objective:** | **Developer:**  **Date tested: June 19, 2025** | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | User interface loads and ‘Welcome to Todo App’ is visible | <yes/no> | <yes/no> |
| 2 | Add a task that includes standard text (i.e. read 2 chapters of book) | The task will be successfully added to the list and appear in the todo list. | <yes/no> | <yes/no> |
| 3 | Confirm that there is a trashcan icon on the right side of each task line listing in the ‘Todo List’ section | Each task will have a delete button represented as a trashcan icon. | <yes/no> | <yes/no> |
| 4 | Click on the trashcan icon of the task that was added in Step 2 | The task will be immediately deleted after clicking the delete icon. | <yes/no> | <yes/no> |
| 5 | Confirm that the task from Step 2 no longer appears on the todo list | The task from step 2 will have been successfully deleted and no longer appear on the todo list. | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 5 | For invalid URLs, provide users with a custom 404 error page | | | |
|  | **Test Objective:** | **Developer:**  **Date tested: June 19, 2025** | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | User interface loads and ‘Welcome to Todo App’ is visible. This step verifies that the home page is operating correctly and not experiencing any 404 errors | <yes/no> | <yes/no> |
| 2 | Navigate to the search bar and type an invalid link within the todo website (i.e. https://buwebdev.github.io/todo/test5) | After searching this invalid link, I will be rerouted to a custom error page | <yes/no> | <yes/no> |
| 3 | Verify that the URL has changed to the custom error page for invalid URLs by clicking into the search bar and observing if it has changed from the link entered in section 2 | The URL will have changed to the custom error page (https://buwebdev.github.io/todo/not-found) | <yes/no> | <yes/no> |
| 4 | Verify that the custom error page includes a custom error message | This webpage will include an error message that explains the 404 not found error (not-found works!) | <yes/no> | <yes/no> |
| 5 | Check for options to return to the homepage (i.e. buttons, menu bar, back arrow) | No return button is present on the current version of the website, so users must use the browser’s back arrow or manually change the URL. | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |