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| **Project:** Kendall Taylor Test Plan |  |
| **Course:** CSD 380 - DevOps |  |
| **Description:** A Test Plan for Todo Business Requirements |  |
| **Date:** 2024/01/29 |  |

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 | **Create a New Todo Task Item** | | | |
|  | **Test Objective:** Verifies task item is created and added to todo list | **Developer: Kendall Taylor**  **Date tested:** 2025/01/29 | **Peer tester: Scott Cacal**  **Date tested:** 2/2/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit <https://buwebdev.github.io/todo/>. | Webpage should load on browser | Yes | Yes |
| 2 | Type in new Todo task into “Task Form” entry box. | Text should appear in task form entry box | Yes | Yes |
| 3 | Click “Add Task” button | “Add Task” button should be active and clickable | Yes | Yes |
| 4 | Confirm new task is added to “Todo List” | New task should appear under all existing tasks | Yes | Yes |
| 5 | Refresh browser and confirm added task still exists on “Todo List” | Webpage should reload and new task should still appear on list | No | No |
| **Comments** | Indication of the blue “Add Task” is imperative to this test case as it verifies the button functionality as well. Step 5 could potentially fail this entire test case and may need to be separated. – Scott C | | | |

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| Test 2 | **View List of Todo Task Items** | | | |
|  | **Test Objective: Verify Todo Task items appear upon loading** | **Developer: Kendall Taylor**  **Date tested:** 2025/01/29 | **Peer tester:**  **Date tested:** 2/2/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/>. | Webpage should load on browser | Yes | Yes |
| 2 | View “Todo List” feature | Todo List feature should appear on webpage | Yes | Yes |
| 3 | Confirm Todo tasks are visible | Tasks should appear under in list form under “Todo List” | Yes | Yes |
| **Comments** | The “Todo List” feature remains on the window (when the website is launched). For this feature to be evaluated and tested there may need to be expansion on the Business Requirements otherwise this Test Case can be completed in a single step. – Scott C | | | |

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| Test 3 | **Delete a Todo Task Item** | | | |
|  | **Test Objective: Verify delete feature is functional** | **Developer: Kendall Taylor**  **Date tested:** 2025/01/31 | **Peer tester: Scott Cacal**  **Date tested:** 2/2/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/>. | Webpage should load on browser | Yes | Yes |
| 2 | Click “trash” button next to desired task | Trash button should be active and clickable | Yes | Yes |
| 3 | Confirm correct task was removed from list | Corresponding task should be removed from “Todo List” | Yes | Yes |
| 4 | Refresh webpage | Webpage should reload on browser | Yes | Yes |
| 5 | Confirm removed task remained deleted | Removed task should remain deleted. | No | No |
| **Comments** | Expectations on the “Trash Button” being active should be expanded on in the Business Requirements. Similarly, refreshing the button and what happens to the items as this feature appears to be incorrect and cause this test case to fail. – Scott C | | | |

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| Test 4 | **Provide Users with a view for mobile devices** | | | |
|  | **Test Objective:** Verifies webpage conforms to mobile screen size | **Developer: Kendall Taylor**  **Date tested:** 2025/01/29 | **Peer tester: Scott Cacal**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit <https://buwebdev.github.io/todo/> on mobile device | Webpage should load on mobile browser | Yes | Yes  A screenshot of a task form  Description automatically generated |
| 2 | Confirm “Task Form” appears on mobile screen | “Task Form” should appear on browser | Yes | Yes  A screenshot of a task form  Description automatically generated |
| 3 | Confirm “Todo List” appears on mobile screen | “Todo List” should appear on browser | Yes | Yes  A screenshot of a task form  Description automatically generated |
| 4 | Confirm no horizonal scroll is required to view any content | Horizontal scroll should not be required to view any features on mobile screen | Yes | Yes  A screenshot of a phone |
| **Comments** | Phone or device functionality testing is imperative and covered with this test case. But, additional details from the Business Requirements may be needed for coverage on Task Form and Todo List functionality. – Scott C | | | |

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| Test 5 | **Prevent Users From Submitting a Task Form Without Entering a Todo Item** | | | |
|  | **Test Objective:** Verifies that task form must have 4 or more characters entered to submit a task | **Developer: Kendall Taylor**  **Date tested:** 2025/01/29 | **Peer tester: Scott Cacal**  **Date tested:** 2/2/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Webpage should load on mobile browser | Yes | Yes |
| 2 | Confirm “Add Task” button is disabled | “Add Task” button should appear gray and non-functional | Yes | Yes |
| 3 | Type 1-3 characters in task form entry | Characters should appear in entry box | Yes | Yes |
| 4 | Confirm “Add Task” button remains disabled | Add task button should remain gray and non-functional | Yes | Yes |
| 5 | Type > 3 characters in task form entry | 4 or more characters should appear in entry box | Yes | Yes |
| 6 | Confirm “Add Task” button becomes enabled | Add task button should appear blue and functional | Yes | Yes |
| **Comments** | Functionality of this Add Task button works well – as designed. Additional step to evaluate adding (whether the button is grey or blue can be added). Scott C | | | |