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| **Project:** <Enter a project name> | Todo Test Cases |
| **Course:** <Enter the course number and name> | CSD380-O316 DevOps |
| **Description:** <Enter a description> | Writing 5 test cases for Todo web app |
| **Date:** <Enter a date (yyyy/mm/dd)> | 2024/09/05 |

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 Item List** | | | |
|  | **Test Objective:** Verify that to-do list items appear in the UI. | **Developer:** Amanda Riley  **Date tested:** 2024-09-05 | **Peer tester: Ivan Pryymak**  **Date tested:** 2024/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Web page loads correctly | yes | Yes |
| 2 | Check whether existing items already show up on the page. | Default to-do list (6 items) appears | yes | Yes |
| 3 | Type in one new task and click “Add Task” | Task appears at the bottom of the existing list | yes | Yes |
| **Comments** | The website displays correctly. Adding a new task works as intended. | | | |

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| Test 2 | **Create new item** | | | |
|  | **Test Objective:** Verify that “Add Task” functionality works correctly | **Developer:** Amanda Riley  **Date tested:** 2024-09-05 | **Peer tester: Ivan Pryymak**  **Date tested:** 2024/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Web page loads correctly, default list shows | yes | Yes |
| 2 | Type in one new task and click “Add Task” | Task appears at the bottom of the existing list | yes | Yes |
| 3 | Type in a second task and click “Add Task” | Task appears at the bottom of the existing list | yes | Yes |
| **Comments** | Adding multiple tasks to the todo list works as intended. | | | |

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| Test 3 | **Edit item** | | | |
|  | **Test Objective:** Verify that task edit functionality works correctly | **Developer:** Amanda Riley  **Date tested:** 2024-09-05 | **Peer tester: Ivan Pryymak**  **Date tested:** 2024/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Web page loads correctly, default list shows | yes | Yes |
| 2 | Verify that there is an existing to-do list | Default to-do list (6 items) shows up | yes | Yes |
| 3 | If no existing items, type new item and click “Add task” | New item appears at the bottom of the list (or as only item on list) | yes | Yes |
| 4 | Click on the edit button (pencil icon) on existing task | “Edit form” dialog box pops up with text field and Save button | yes | Yes |
| 5 | Edit the text to become a different task, and click “Save” | Old task is replaced by edited task in list | yes | Yes |
| **Comments** | Editing functionality works as intended. | | | |

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| Test 4 | **Prevent blank new tasks** | | | |
|  | **Test Objective:** | **Developer:** Amanda Riley  **Date tested:** 2024-09-05 | **Peer tester: Ivan Pryymak**  **Date tested:** 2024/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Web page loads correctly, default list shows | yes | Yes |
| 2 | Attempt to click “Add task” without typing anything into the field | “Save” button is greyed out and does not function | yes | Yes |
| 3 | Type a few letters into the task | “Save” button becomes blue and functional | yes | Yes |
| 4 | Delete the letters previously typed | “Save” button becomes greyed out and non-functional again | yes | Yes |
| **Comments** | The app prevents users from adding an empty task. Works as intended. | | | |

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| Test 5 | **Prevent blank edits** | | | |
|  | **Test Objective:** | **Developer:** Amanda Riley  **Date tested:** 2024-09-05 | **Peer tester: Ivan Pryymak**  **Date tested:** 2024/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit <https://buwebdev.github.io/todo/> | Web page loads correctly, default list shows | yes | Yes |
| 2 | Verify that there is an existing to-do list | Default to-do list (6 items) shows up | yes | Yes |
| 3 | If no existing items, type new item and click “Add task” | New item appears at the bottom of the list (or as only item on list) | yes | Yes |
| 4 | Click on the edit button (pencil icon) on existing task | “Edit form” dialog box pops up with text field and Save button | yes | Yes |
| 5 | Delete the existing task text from the text field | “Save” button becomes greyed out and no longer functions | **no** | No |
| 5 | Type a few letters into the task | “Save” button becomes blue and functional | yes | No (“Save” button is “pink” and functional) |
| **Comments** | The app does not prevent users from editing a todo task item to an empty string. The code needs to be adjusted. | | | |