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| **Project:** CSD 380 Todo Business Requirements |  |
| **Course:** CSD 380 DevOps |  |
| **Description: Test Cases** |  |
| **Date:** 2025/09/07 |  |

To complete the test case plan, fill out the information for Project, Course, Description and Date in the header below.

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**TABLE OF CONTENTS**

[**Landing page prototype** 2](#_Toc132718195)

[**Create new todo task and view task(s)** 2](#_Toc132718196)

[**View list of todo tasks** 3](#_Toc132718197)

**Edit a todo task……………………………………………………………………………………………………………………………………...4**

Delete a todo task……………………………………………………………………………………………………………………….4

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 | **Landing page prototype** | | | |
|  | **Test Objective: To ensure page loads correctly with URL and throws out 404 error with invalid URL** | **Developer:**  **Date tested: 2025/09/07** | **Peer tester: Andy Stiles**  **Date tested:** 2025/09/21 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit https://buwebdev.github.io/todo/ | Page should load | yes | Yes |
| 2 | Ensure it loads correctly | Page should load | yes | Yes |
| 3 | Refresh the page | Page should load | yes | Yes |
| 4 | If it loads correctly delete ‘do/’ | Page should not load | yes | Yes |
| 5 | Ensure it throws out 404 error page | Page should display 404 error | yes | Yes |
| **Comments** |  | | | |

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| Test 2 | **Create new todo task and view task(s)** | | | |
|  | **Test Objective: To create a new task and be able to view tasks on valid circumstances. When invalid or blank input should prevent user from submitting a form** | **Developer:**  **Date tested:** 2025/09/07 | **Peer tester: Andy Stiles**  **Date tested:** 2025/09/21 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Create a new task with no input | Fail to submit | yes | Yes |
| 2 | Verify that it does not allow user to do that | Fail to submit | yes | Yes |
| 3 | Enter a task with valid input | Form should submit | yes | Yes |
| 4 | Ensure task gets submitted and listed | Form should submit | yes | Yes |
| 5 | View task(s) | Tasks should be viewed | yes | Yes |
| **Comments** |  | | | |

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| Test 3 | **View list of todo tasks** | | | |
|  | **Test Objective: To view todo lists when something is present and blank list with no tasks** | **Developer:**  **Date tested:** 2025/09/07 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Remove any tasks from todo list and try to view | Test should fail | no | No |
| 2 | Ensure empty task list appears or doesn’t allow to view | Should be empty or test should fail | yes | No |
| 3 | Add todo tasks | Should submit correctly and allows changes | yes | Yes |
| 4 | Try to view tasks to see if tasks show | Should view todo tasks | yes | Yes |
| 5 | Refresh page to see if page changes or if tasks are still there | Todo tasks should still be available | no | 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 | **Edit a todo list** | | | |
|  | **Test Objective: To edit the todo list with first eliminating list to see if submission is allowed. Edit list and see if changes are made to list** | **Developer:**  **Date tested:** 2025/09/07 | **Peer tester: Andy Stiles**  **Date tested:** 2025/09/21 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Edit list by removing current tasks | Should have empty task | yes | Yes |
| 2 | Submit list and see if it allows form to be submitted or not | Should not submit form | yes | No |
| 3 | Ensure list is not submitted | Should not submit form | yes | Yes |
| 4 | Edit list and make changes to current list | Should submit form | yes | yes |
| 5 | Ensure list can be submitted and changes were made | Submit form with changes made | yes | Yes |
| **Comments** | A lot of these tests are redundant and/or confusing. Try to keep to only positive results, rather than “not” results. | | | |

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| Test 5 | **Delete a todo task** | | | |
|  | **Test Objective: Delete tasks when present and need removal. Deny deletion if no task is available** | **Developer:**  **Date tested:** 2025/09/07 | **Peer tester: Andy Stiles**  **Date tested:** 2025/09/21 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Delete all todo tasks | Should be clear list | yes | Yes |
| 2 | Ensure submission is clear after deleting all tasks | Should clear out tasks | yes | Yes |
| 3 | Delete one todo tasks | Delete chosen task | yes | Yes |
| 4 | Ensure changes are made with deleted task | Changes should be made and remain that way | yes | Yes |
| 5 | Refresh page to see if changes are still present | Changes should still be made and displayed | no | No |
| **Comments** | Again, a lot of redundant tasks. | | | |