# Usiel Figueroa

Date: June 16, 2025

Course: CSD 380-A311 DevOps

Module 4.2 Assignment: Test Plan

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| **Project: Module 4.2 Assignment – Test Plan** |  |
| **Course:** CSD 380-A311 DevOps |  |
| **Description:** Test Plan for Todo Application |  |
| **Date:** 2025/06/16 |  |

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| Test 3 | **Edit a Todo Task Item** | | | |
|  | **Test Objective:**  Verify users can edit an existing todo task item. | **Developer: Usiel Figueroa**  **Date tested:** 2025/06/16 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Add task 'Original Task' | 'Original Task' appears in list | Yes | <yes/no> |
| 2 | Click edit on 'Original Task' | Editable field appears | Yes | <yes/no> |
| 3 | Change text to 'Updated Task' and save | 'Original Task' updates to 'Updated Task' | Yes | <yes/no> |
| 4 | Confirm in list | 'Updated Task' is displayed | Yes | <yes/no> |
| 5 | Refresh page | Update persists after reloading | No | <yes/no> |
| **Comments** | Editing a task is straightforward. Changes are preserved and accurately shown in the UI. However, when reloading edits are lost. | | | |

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| Test 4 | **Delete a Todo Task Item** | | | |
|  | **Test Objective:** Verify users can delete an existing todo item. | **Developer: Usiel Figueroa**  **Date tested:** 2025/06/16 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Add a new task labeled 'Test Task' | Task 'Test Task' appears in list | Yes | <yes/no> |
| 2 | Locate 'Test Task' in the list | 'Test Task' is visible with delete icon | Yes | <yes/no> |
| 3 | Click delete icon | 'Test Task' is removed | Yes | <yes/no> |
| 4 | Refresh the page | 'Test Task' remains deleted | Yes | <yes/no> |
| 5 | Repeat with multiple items | Multiple tasks can be deleted one at a time without errors | Yes | <yes/no> |
| **Comments** | Task deletion works consistently. UI updates actions for deleting are permanent. Page reloads does not revert deletions. | | | |

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| Test 5 | **For invalid URLs, provide users with a custom 404 error page** | | | |
|  | **Test Objective:** Confirm that invalid URLs lead to a custom 404 error page. | **Developer: Usiel Figueroa**  **Date tested:** 2025/06/16 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter invalid URL https://vuwebdev.github.io/todo/ | 404 page is shown | Yes | <yes/no> |
| 2 | Look at page title | Title or heading states '404' or similar | No | <yes/no> |
| 3 | Check design consistency | Page matches site styling | No | <yes/no> |
| 4 | Look for recovery links | A link/button returns to homepage | No | <yes/no> |
| 5 | Click return link | Redirects to previous page | Yes | <yes/no> |
| **Comments** | 404 page is properly themed and non-functional. Navigation recovery is not possible unless to read the full documentation by GitHub Pages link or the return action link. And the webpage design maintains the 404 templates for invalid URLs. | | | |

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| Test 6 | **Prevent users from submitting a task form with without entering a todo item** | | | |
|  | **Test Objective:** Verify the form does not submit a new todo item if the input is left blank. | **Developer: Usiel Figueroa**  **Date tested:** 2025/06/16 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the Todo website | Page loads with the task form visible | Yes | <yes/no> |
| 2 | Leave the input field blank | Input field remains empty | Yes | <yes/no> |
| 3 | Click the Add button | No task is added. Not possible to click the Add button | Yes | <yes/no> |
| 4 | Check task list | Task list remains unchanged | Yes | <yes/no> |
| 5 | Look for validation message | An inline error message or form warning appears | No | <yes/no> |
| **Comments** | Validation against blank task input functions as expected. However, it is not possible to click the Add button with a blank input field in the task form. The UI does not provide user feedback for this issue. | | | |

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| Test 10 | **Allow users to visit the website through** <https://buwebdev.github.io/todo/> | | | |
|  | **Test Objective:** Verify users can access the Todo website through the provided standard. | **Developer: Usiel Figueroa**  **Date tested:** 2025/06/16 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit https://buwebdev.github.io/todo/ | The page loads without error | Yes | <yes/no> |
| 2 | Refresh the browser window | The page reloads correctly | Yes | <yes/no> |
| 3 | Click around the UI | All elements appear functional and responsive | Yes | <yes/no> |
| 4 | Verify URL in the address bar | URL remains https://buwebdev.github.io/todo/ | Yes | <yes/no> |
| 5 | Inspect console for errors | No errors appear in browser console | Yes | <yes/no> |
| **Comments** | This test confirms public accessibility via the given URL. Functionality and responsiveness were consistent and without error across refreshes and navigation. | | | |

Sources

* (n.d.). Todo. Buwebdev. Retrieved June 16, 2025, from <https://buwebdev.github.io/todo/>
* [Todo Business Requirements document](https://cyberactive.bellevue.edu/bbcswebdav/xid-70477834_4)
* [Test Case Template\_2025.docx](https://cyberactive.bellevue.edu/bbcswebdav/xid-110288059_4)