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| **Project: Module 4.2 Assignment** |  |
| **Course:** CSD380-O307 DevOps (2261-DD) |  |
| **Description:** Test plans based on business requirements |  |
| **Date:** 2025-02-09 |  |

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 | **User Adding a Task** | | | |
|  | **Test Objective: Adding a task** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open the website | Website loads correctly | yes | Yes |
| 2 | Locate the text input field | “New task” field is found and loaded | yes | Yes (see screenshot above) |
| 3 | Enter a task name in “New Task” | Text in the “New Task” is displayed correctly | yes | Yes |
| 4 | Click the “Add Task” button | “Add” button is clickable and functional | yes | Yes (See above, button has turned blue) |
| 5 | Verify the new task appears in the list | New task appears in the list with correct name | yes | Yes |
| **Comments** | Each step of this test passed; however it was not simple to screenshot evidence for things like actions (button click). Otherwise, this test proved that loading the site and adding a task both function properly. | | | |

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| Test 2 | **User Deleting a Task** | | | |
|  | **Test Objective: Task deletion** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the website | Website loads correctly | yes | Yes (see Test 1: Step 1 screenshot) |
| 2 | Find a task in the list | Task is located in the list | yes | Yes |
| 3 | Click the “Delete” button | Delete button is clickable | yes | Yes (Red trashcan shown above is clickable) |
| 4 | Confirm deletion | Deletion is confirmed | yes | Yes |
| 5 | Verify that the task is removed from the list | Task is removed from the list | yes | Yes (2pm meeting is no longer listed) |
| **Comments** | Each step of this test was passed; however, again, there were a couple that I could not necessarily screencap. Still the evidence I got proved that each step was successful. | | | |

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| Test 3 | **User Editing a Task** | | | |
|  | **Test Objective: Task editing** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the website | Website loads correctly | yes | Yes (see Test 1: Step 1 screenshot) |
| 2 | Find a task in the list | Task is located | yes | Yes |
| 3 | Click the “Edit” button | Edit button is clickable | yes | Yes |
| 4 | Modify the task and changes | Task is modified and saved | yes | Yes |
| 5 | Verify the task changes updated | Task name is updated | yes | Yes |
| **Comments** | Each step of this test was successful. This one was pretty easy to collect evidence for each step. They were distinct and provable in a way that the previous tests’ steps were not. | | | |

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| Test 4 | **User Entering Invalid URL (404 Page)** | | | |
|  | **Test Objective: 404 Page** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter/edit an invalid URL | Invalid URL is entered | yes | Yes |
| 2 | Navigate to the URL | Navigation occurs | yes | Yes |
| 3 | Verify a 404 page is displayed | Custom 404 page comes up | yes | Yes |
| 4 | Verify 404 includes helpful information | Helpful information is on the 404 page | yes | Yes (see above screenshot) |
| 5 | Test with different invalid URL’s | Consistent 404 pages come up | yes | Yes |
| **Comments** | Each step of this test was successful. I again, I am not sure how to provide evidence of actions (like “navigation occurs”). In this case, it feels more important to discuss the results than to prove or disprove that it occurred. | | | |

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| Test 5 | **User Accessing Through Mobile Device** | | | |
|  | **Test Objective: Mobile Device** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the website | Website loads correctly | yes | Yes |
| 2 | Verify website layout | Layout adapts | yes | Yes |
| 3 | Check all elements | All elements are functioning | yes | Yes |
| 4 | Test navigation on menus via mobile | Navigation works with mobile device | yes | Yes |
| 5 | Test on multiple mobile devices (if possible, android and apple) | Consistent mobile layout view | yes | Yes |
| **Comments** | Each step of this test passed. Though I did notice one issue with the screen responsivity. With a browser setting, using a split screen dynamic, it crushes the letters. See below. | | | |