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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: Marlene Rodriguez**  **Date tested:** 2025/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open the website | Website loads correctly | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Locate the text input field | “New task” field is found and loaded | yes | A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Enter a task name in “New Task” | Text in the “New Task” is displayed correctly | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Click the “Add Task” button | “Add” button is clickable and functional | yes | yes |
| 5 | Verify the new task appears in the list | New task appears in the list with correct name | yes | yes  A screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | All tests passed according to instructions. However, there were instructions on a “New Task” field being displayed correctly and expected to see the field labeled as “New Task” and then disappears when a user types in the field bar. | | | |

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| Test 2 | **User Deleting a Task** | | | |
|  | **Test Objective: Task deletion** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Marlene Rodriguez**  **Date tested:** 2025/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the website | Website loads correctly | yes | yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Find a task in the list | Task is located in the list | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Click the “Delete” button | Delete button is clickable | yes | Yes |
| 4 | Confirm deletion | Deletion is confirmed | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Verify that the task is removed from the list | Task is removed from the list | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | Task deletion was successful. “Attend 2PM Meeting” was removed and results show that it has been deleted. | | | |

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| Test 3 | **User Editing a Task** | | | |
|  | **Test Objective: Task editing** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Marlene Rodriguez**  **Date tested:** 2025/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the website | Website loads correctly | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Find a task in the list | Task is located | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Click the “Edit” button | Edit button is clickable | yes | Yes |
| 4 | Modify the task and changes | Task is modified and saved | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Verify the task changes updated | Task name is updated | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | Test passed with editing a task. The task that was edited was “Schedule meeting with Jim”. Task was editing with “Workout at 10AM” and successfully saved. | | | |

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| Test 4 | **User Entering Invalid URL (404 Page)** | | | |
|  | **Test Objective: 404 Page** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Marlene Rodriguez**  **Date tested:** 2025/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter/edit an invalid URL | Invalid URL is entered | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Navigate to the URL | Navigation occurs | yes | yes |
| 3 | Verify a 404 page is displayed | Custom 404 page comes up | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Verify 404 includes helpful information | Helpful information is on the 404 page | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Test with different invalid URL’s | Consistent 404 pages come up | yes | yes |
| **Comments** | Test passed and displayed the 404 error page when an invalid URL was entered. When refreshing the page, the error remains consistently. | | | |

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| Test 5 | **User Accessing Through Mobile Device** | | | |
|  | **Test Objective: Mobile Device** | **Developer:**  **Date tested:** 2025-02-09 | **Peer tester: Marlene Rodriguez**  **Date tested:** 2025/09/07 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the website | Website loads correctly | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Verify website layout | Layout adapts | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 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 | Consistent on apple |
| **Comments** | Testing on Apple and consistency was good and displayed page correctly. However, was not able to test on android. | | | |