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| **Project:** Module 4.2 Test Case |  |
| **Course:** CSD380 DevOps |  |
| **Description:** Create a list of test plans from the function requirements |  |
| **Date:** 09/08/2024 |  |

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 | **For invalid URLs, provide users with a custom 404 error page** | | | |
|  | **Test Objective:** Ensure error page comes up correctly when populating inaccurate URL | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Amanda Riley  **Date tested:** 9/8/24 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit correct URL | Validate URL takes you to correct page | <yes/no> | Yes |
| 2 | Ensure URL functions normally | This ensures you can see everything as expected | <yes/no> | Yes |
| 3 | Modify URL from step 1 | Adjust the URL to something different to create the error | <yes/no> | Yes |
| 4 | Ensure you get a 404-error page | You should get a 404 error page | <yes/no> | Yes |
| 5 | Modify error code as needed | Modify coding as needed | <yes/no> | N/A |
| **Comments** | There was definitely a 404 error page when typing an invalid URL on the site. However, it was not a “custom error page” as described in the test case title. It was a default one provided by GitHub Pages. | | | |

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| Test 2 | **Prevent users from submitting a task form without entering a todo item** | | | |
|  | **Test Objective: Make sure tasks without a todo item can’t be submitted** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Amanda Riley  **Date tested:** 9/8/24 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Submit a task with a todo item | Task should be submitted with no errors | <yes/no> | Yes |
| 2 | Validate task was submitted successfully | Task should be logged successfully in the system | <yes/no> | Yes |
| 3 | Submit a task without a todo item | Task should not be submitted | <yes/no> | Yes |
| 4 | Validate task was not submitted | Ensure task wasn’t submitted and gives error | <yes/no> | Yes |
| 5 | Adjust coding as needed | Adjust coding if task was submitted to prevent submission without a todo item | <yes/no> | N/A |
| **Comments** | The add task button remains correctly grayed out until you type into the task. If you click on the text field without typing and then click on the grayed out button, the text field turns red to show that something is wrong. | | | |

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| Test 3 | **Prevent users from submitting the edit form without entering a todo item** | | | |
|  | **Test Objective: Make sure edit forms without a todo item can’t be submitted** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Amanda Riley  **Date tested:** 9/8/24 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Submit an edit form with a todo item | Form should be submitted with no errors | <yes/no> | Yes |
| 2 | Validate form was submitted successfully | Form should be logged successfully in the system | <yes/no> | Yes |
| 3 | Submit edit form without a todo item | Form should not be submitted | <yes/no> | No |
| 4 | Validate form was not submitted | Form shouldn’t be submitted and gives error | <yes/no> | No |
| 5 | Adjust coding as needed | Adjust coding if form was submitted to prevent submission without a todo item | <yes/no> | No |
| **Comments** | If you use the edit form to delete a text, the submit button should not work. However, actually you are able to submit an empty task in the edit form and leave a blank task in the list. | | | |

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| Test 4 | **Provide users with a view for mobile devices** | | | |
|  | **Test Objective: Create a view for mobile devices** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Amanda Riley  **Date tested:** 9/8/24 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Validate functionality on web view | Ensure web view functionality works | <yes/no> | Yes |
| 2 | Create view for mobile view | Create view for mobile devices | <yes/no> | N/A |
| 3 | Test view on mobile devices | Ensure views on mobile devices work as expected | <yes/no> | Yes |
| 4 | Adjust coding as needed | Adjust coding to correct mobile view as needed | <yes/no> | N/A |
| 5 |  |  | <yes/no> | <yes/no> |
| **Comments** | Task was fine, but this testing form is not correctly designed. Coding tasks should not be listed, only testing tasks. It’s worth noting that it does not always have to be 5 steps, it can be fewer. | | | |

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| Test 5 | **Provide users with a view for tablet devices** | | | |
|  | **Test Objective: Create a view for tablet devices** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Amanda Riley  **Date tested:** 9/8/24 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Validate functionality on web view | Ensure web view functionality works | <yes/no> | Yes |
| 2 | Create view for tablet view | Create view for tablet devices | <yes/no> | N/A |
| 3 | Test view on tablet devices | Ensure views on tablet devices work as expected | <yes/no> | Yes |
| 4 | Adjust coding as needed | Adjust coding to correct tablet view as needed | <yes/no> | N/A |
| 5 |  |  | <yes/no> | <yes/no> |
| **Comments** | I must make the same comment here as I did on the last post. We do not need coding tasks to be listed as steps for a test case. | | | |