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| **Project:** ToDo |  |
| **Course:** CSD380 DevOps |  |
| **Description:** Test Case |  |
| **Date:** 2024/11/17 |  |

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

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| Test 1 | **Verify Access to Website** | | | |
|  | **Test Objective:** Verifies input data meets requirements | **Developer:**  **Date tested:** 2024/11/17 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a browser and navigate to url <https://buwebdev.github.io/todo/> | Landing page loads successfully | Yes | <yes/no> |
| 2 | Refresh the page | The page loads without errors | Yes | <yes/no> |
| **Comments** | This test ensures that users can access the website without issues. It also verifies that page reloads function correctly. | | | |

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| Test 2 | **Create a New ToDo Task Item** | | | |
|  | **Test Objective:** Verify the users can add a new task to the ToDo list. | **Developer:**  **Date tested:** 2024/11/17 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click on the task field | The cursor appears, ready for input | yes | <yes/no> |
| 2 | Enter “Test Task 1” | Task is populated | yes | <yes/no> |
| 3 | Click “Submit” | The task appears in the list | yes | <yes/no> |
| **Comments** | This test ensures users can create and add new tasks successfully. Feedback should focus on task input handling and list updates. | | | |

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| Test 3 | **Edit an Existing ToDo Task Item** | | | |
|  | **Test Objective: :** Verify the users can edit existing tasks. | **Developer:**  **Date tested:** 2024/11/17 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click the “Edit” icon next to an existing task | The edit form appears | Yes | <yes/no> |
| 2 | Change the tasks text to “Updated Task” | The edit field updates | Yes | <yes/no> |
| 3 | Click “Save” | The list reflects the updated task | Yes | <yes/no> |
| **Comments** | This test validated that task editing is functional. Focus on form usability and task updates in the list. | | | |

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| Test 4 | **Delete a ToDo Task Item** | | | |
|  | **Test Objective: Verify users can delete tasks from the list** | **Developer:**  **Date tested:** 2024/11/17 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Add a new task called “Task to Delete” | The tasks appears on the list | Yes | <yes/no> |
| 2 | Click the “Delete” icon next to the task | The task is removed from the list | Yes | <yes/no> |
| **Comments** | Ensure task deletion functionality works without errors. Feedback should cover user experience. | | | |

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| Test 5 | **Invalid URL custom 404 Error** | | | |
|  | **Test Objective: Verify users are redirected to a custom 404 page when invalid URL** | **Developer:**  **Date tested:** 2024/11/17 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open a browser and navigate to <https://buwebdev.github.io/todo/> | Landing page loads successfully | Yes | <yes/no> |
| 2 | Add random special character to URL https://buwebdev.github.io%^/todo/ | A custom 404 error page is displayed | Yes | <yes/no> |
| 3 | Add a URL with long invalid path such as https://buwebdev.github.io/todo/testforlongurl | A custom 404 error page is displayed | Yes | <yes/no> |
| **Comments** | Test is meant to ensure that invalid URL’s are handled. Verify the desing and clarity of the 404 page. Test performance under different scenarios. | | | |