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| **Project:** Assignment 4.2 | **Test cases by: Mishaela Pedersen** |
| **Course:** CSD 380 DevOps | Peer Tester: Amanda Sherman |
| **Description:** Test cases for the Todo website |  |
| **Date:** 06/17/2023 |  |
| **Version:** 1.0 |  |

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| Test 1 | **Basic Function** | | | |
|  | **Test Objective:** Verify access to site and basic functions | **Developer: Mishaela Pedersen**  **Date tested:** <2023/06/17> | **Peer tester: Amanda Sherman**  **Date tested:** 2023/06/18 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Access https://buwebdev.github.io/todo/ | Page loads successfully | Yes | yes |
| 2 | Verify todo item list is visible |  | Yes | Yes |
| 3 | Create a new todo item | Item is created | Yes | Yes |
| 4 | Verify item is created |  | Yes | Yes |
| 5 | Edit the todo item, verify item is edited | Item is edited | Yes | Yes |
| 6 | Verify item is edited |  | Yes | Yes |
| 7 | Delete the todo item | Item is deleted | Yes | Yes |
| 8 | Verify item is deleted |  | Yes | Yes |
| **Comments** | Amanda-The basic functions all work as expected in the test case. | | | |

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| Test 2 | **Invalid URL** | | | |
|  | **Test Objective:** Verify invalid URL shows user custom 404 page | **Developer: Mishaela Pedersen**  **Date tested:** <2023/06/17> | **Peer tester: Amanda Sherman**  **Date tested:** 2023/06/18 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Access https://buwebdev.github.io/todo/invalid | User is redirected | Yes | Yes |
| 2 | Verify user is redirected to https://buwebdev.github.io/todo/not-found |  | Yes | Yes |
| **Comments** | Amanda-I was redirected to the not found page as expected. | | | |

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| Test 3 | **Submit Task Form with No Todo Item** | | | |
|  | **Test Objective:** Verify user cannot submit task form without a todo item | **Developer: Mishaela Pedersen**  **Date tested:** <2023/06/17> | **Peer tester: Amanda Sherman**  **Date tested:** 2023/06/18 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Access https://buwebdev.github.io/todo/ | Page loads successfully | Yes | Yes |
| 2 | Click into the task form textbox | Verify cursor appears inside textbox | Yes | Yes |
| 3 | Click outside the task form textbox | Verify cursor goes away, textbox turns red | Yes | Yes |
| 4 | Click “Add Task” button | Verify nothing happens | Yes | Yes |
| **Comments** | Amanda-The Add Task button was greyed out for me. It seems I got the same results as the developer. | | | |

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| Test 4 | **Submit Edit Form with No Todo Item** | | | |
|  | **Test Objective:** Verify user cannot submit edit form without a todo item | **Developer: Mishaela Pedersen**  **Date tested:** <2023/06/17> | **Peer tester: Amanda Sherman**  **Date tested:** 2023/06/18 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Access https://buwebdev.github.io/todo/ | Page loads successfully | Yes | Yes |
| 2 | Click the edit button on a todo item | Edit Form appears | Yes | Yes |
| 3 | Clear out the task textbox | Verify text clears | Yes | Yes |
| 4 | Click outside the textbox | Verify cursor goes away, textbox turns red | Yes | No |
| 5 | Click “Save” button | Verify nothing happens | Yes | No |
| **Comments** | Amanda-The task that I cleared was able to be saved as a blank task. The edit text field did not turn red and let me save successfully as shown in my screenshots above. | | | |

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| Test 5 | **Access on Mobile Device** | | | |
|  | **Test Objective:**  Ensure page loads on mobile devices. | **Developer: Mishaela Pedersen**  **Date tested:** <2023/06/17> | **Peer tester: Amanda Sherman**  **Date tested:** 2023/06/18 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Access <https://buwebdev.github.io/todo/> on a mobile device | Page loads successfully | Yes | Yes |
| **Comments** | Amanda-I was able to access the todo application on my mobile device. There were no errors and it loaded nicely and looked smooth as on the desktop monitor. | | | |