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| **Project:** 4.2 4.3 | View Results Below |
| **Course:** 380 DEvOps | [screenshots/ recording of testing](https://www.loom.com/share/ea1d7b93ea394fbe99e1a4443b5036cb?sid=54e8f00d-3827-4461-b4c5-80dcec5021ab) |
|  | [Screenshots of remaining tests](https://docs.google.com/document/d/1lebH0JkT9CyqujsAz-2t0ID5GG4lvFuLsoQLnqCMjns/edit?usp=sharing) |
| **Description:** Functional Testing plan validation requirements |  |
| **Date: 8/28/25** |  |

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| **Req#** | **Ranking** | Functional Requirements that the Test cases will be checking  **Requirement** |
| 1 | 2 | View a list of todo task items |
| 2 | 1 | Create a new todo task item |
| 3 | 4 | Edit a todo task item |
| 4 | 3 | Delete a todo task item |
| 5 | 5 | For invalid URLs, provide users with a custom 404 error page |
| 6 | 6 | Prevent users from submitting a task form with without entering a todo item |
| 7 | 7 | Prevent users from submitting the edit form without entering a todo item |
| 8 | 8 | Provide users with a view for mobile devices |
| 9 | 9 | Provide users with a view for tablet devices |
| 10 | 1 | Allow users to visit the website through<https://buwebdev.github.io/todo/> |

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| Test 1 | **Access the website via url** | | | |
|  | **Test Objective:**  Test requirement 10 | **Developer: stella**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fa**  **Il** | **Tester pass/fail**  **+ Screenshot** |
| 1 | **visit website** | **page loads successfully** | Pass | Yes |
| 2 | Confirm the presence of the input field and task lists | Input and task lists containers render correctly | Pass | Yes (see above) |
| 3 | Press the reload button | Page reloads: UI renders the same/ consistent | Pass | Yes |
| 4 | Resize browser | No layout breaks or design flaws, no horizontal scroll | Pass | No |
| 5 | Check the console for errors | No new errors | Pass | Yes |
| **Comments** | The website loads as expected. The input field loads. There are no errors in any of the website’s functions, but the layout breaks if you snap to the split screen mode. It does correct itself with manual screen size adjustments. | | | |

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| Test 2 | **Add New Todo** | | | |
|  | **Test Objective: Test Requirement 2** | **Developer: Stella**  **Date tested:** 8/29/2025 | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Focus the “new todo” input | Visible focus and spacer | pass | Yes A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Type buy milk | Text appears in input; no validation error | Pass | Yes A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Submit | Clicking the button will surface a new item in list | Pass | Yes A screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Observe the Input field | Input clears; ready for new entry | Pass | Yes A screenshot of a task box  AI-generated content may be incorrect. |
| 5 | Confirm Disabled button | Add task button is disabled till input is active | Pass | Yes (see above: greyed out/unclickable) |
| **Comments** | **One thing I noticed with these tests, is that the empty Task input box, after adding “Buy milk” to the list, cleared for a new entry but changed orange/red as if to signal an error. I am not sure if it thinks that the user attempted to enter an empty task or what caused this result.** | | | |

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| Test 3 | **Edit to Do** | | | |
|  | **Test Objective: test requirement 3** | **Developer: Stella**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Onpress Edit button | Onpress Opens module/ actionsheet | Pass | Yes (red pencil clickable) |
| 2 | Focus Input form | Focus corectly finds form | pass | Yes |
| 3 | Render module Fast loading | actionsheet/module opens timely | Pass | Yes |
| 4 | Onpress Save button | Onpress saves new text , and shows correct to do | Pass | Yes |
| 5 | Text input | Adding new text renders correctly | Pass | Yes |
| **Comments** | The edit button works properly and the text box/save button allow users to update the intended list item. All tests pass, though some of them are difficult to screencap evidence for. | | | |

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| Test 4 | **Delete To Do item** | | | |
|  | **Test Objective: test requirement 4** |  | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Onpress Delete Button | Item is removed from ordered list | Pass | Yes |
| 2 | Screen reloads | Main screen refreshes , updates ordered list | Pass | Yes |
| 3 | Items is no longer visible | Old to do item is no longer visible | Pass | Yes (see above, hula instructional is now gone) |
| 4 | Refresh page | Deleted item does not reappear | pass | No (returns to original list) |
| 5 | UI of checklist flexbox is structured to match size | Flexbox component matchs new size of list | Pass | Yes, flexbox resizes to however many items in todo list. |
| **Comments** | Delete option is functional. List and flexbox adjust to the smaller list size. However, refreshing the page will return the list to its orginal form, no matter how many changes have been made. | | | |

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| Test 5 | **Test invalid URL links** | | | |
|  | **Test Objective: test requirement 5** |  | **Peer tester: Kypton Lantz**  **Date tested:** 2025/09/03 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Type in https://buwebdev.github.io/too/ | Browser will load the page | Pass | Yes |
| 2 | Screen reloads | Main screen refreshes | Pass | Yes, screen refreshes |
| 3 | Observe page | 404 error will load | Pass | Yes |
| **Comments** | Attempting to refresh the page with a typo in the URL works as intended. The page refreshes and an error 404 is displayed with helpful links to documentation on Github Pages. | | | |