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| **Project:** Todo Application |  |
| **Course:** csd-320 DevOps |  |
| **Description:** This test plan checks that the main features of the Todo app work as expected, based on the business requirements. |  |
| **Date: June 17, 2025** |  |

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 | **Open Todo Website** | | | |
|  | **Test Objective:**  Make sure the user can open the Todo app using the regular website link. | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester: Liz Hinz**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a web browser | Browser opens successfully | yes | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Click through https://buwebdev.github.io/todo/ | Todo app loads with no errors | yes | YesA screenshot of a computer task  AI-generated content may be incorrect. |
| 3 | Make sure the main interface elements, like the input box and the list area are clearly visible. | Main page displays normally | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Refresh page | Page reloads with content preserved or reset as expected | yes | YesA screenshot of a computer task  AI-generated content may be incorrect. |
| 5 | Close browser | Browser closes successfully | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | Open Todo Website test plan passes the test plan, All stages successfully pass after testing. Each screenshot demonstrates a passing test. | | | |

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| Test 2 | **Create a New Todo Task** | | | |
|  | **Test Objective:** Create a New Todo task | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester: Liz Hinz**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open Todo app in browser | Todo app loads | yes | yes A screenshot of a computer task  AI-generated content may be incorrect. |
| 2 | Click in the task input field | The cursor is visible | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Type “Buy essentials” | The text shows up in the input field | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Press Enter key or click Add button | The task appears in the list | yes | YesA screenshot of a computer task  AI-generated content may be incorrect. |
| 5 | Confirm task appears in list | “Buy essentials” appears | yes | YesA screenshot of a computer task  AI-generated content may be incorrect. |
| **Comments** | The create a new Todo task test case works just as the developer stated. All steps are successful and the pairing screenshots confirm this. It means the requirements. | | | |

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| Test 3 | **Restrict Submitting Empty Tasks** | | | |
|  | **Test Objective**: Ensure users cannot submit and empty new task. | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester: Liz Hinz**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load the Todo app | App loads successfully | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Leave input field empty | Input remains blank | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Press Enter or Add | Nothing happens/error message shows | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Check validation feedback | Alert or disabled button prevents action | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Ensure the list is unchanged | No new item is added | yes | YesA screenshot of a black list  AI-generated content may be incorrect. |
| **Comments** | The test plan works as suggested by the developer. All steps successfully work with screenshots to show this as well. Something this test does not account for is it the task field has five spaces, the task can still be added. | | | |

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| Test 4 | **Edit a Todo Task** | | | |
|  | **Test Objective**: Confirm that the user can update a task and is prevented from submitting a blank edit. | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester: Liz Hinz**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load Todo app with a task present | Task will appear in list | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Click the task’s edit button | Edit field appears | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Change text to buy soap and save | Task updates in list | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Attempt to edit again delete all text | Text box is empty | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Attempt to submit empty edit | The form is not submitted, and alert appears | yes | NoA screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | Every step for the edit a todo test except for the same one, passes. So I disagree with the developer that step 5 passes. The provided screenshot proves an empty edited todo list item can be saved. | | | |

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| Test 5 | **Delete a Todo Task** | | | |
|  | **Test Objective**: Verify that users can delete a task from the list | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester: Liz Hinz**  **Date tested:** 2025/06/22 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load Todo app with at least one task | The task is shown | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Click delete button next to task | Task disappears from list | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Refresh page | Once deleted, the task stays gone | yes | NoA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Add a new task | The task is added without any issues | yes | YesA screenshot of a computer task  AI-generated content may be incorrect. |
| 5 | Delete that new task | Task is removed again | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | The delete a todo list test does not pass in step 3. The rest of the steps do pass. Once the page refreshes, any changes made revert to the original load screen. | | | |