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| **Project:** <Enter a project name> | Todo App Functional Test Plan |
| **Course:** <Enter the course number and name> | CSD380 Katie Hilliard |
| **Description:** <Enter a description> | Verify functional requirements of Todo app using a test plan |
| **Date:** <Enter a date (yyyy/mm/dd)> | 06/19/2025 |

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 | **Website Access** | | | |
|  | **Test Objective: Make sure the website is accessible** | **Developer: Katie Hilliard**  **Date tested:** 06/19/2025 | **Peer tester: Rachel Theis**  **Date tested:** June 22, 2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit https://buwebdev.github.io/todo/ | The page loads without any errors | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Check to the structure of the page | Ensure text fields and buttons are present | pass | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Refresh the page | Page reloads without any errors | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | View developer console | No errors for JavaScript present | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Check to see if title bar is present | Title is displaying | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | All elements of this unit test are accounted for and displaying properly. Console is free of errors and warnings. | | | |

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| Test 2 | **Create a New Task** | | | |
|  | **Test Objective: Make sure the create task function is working properly** | **Developer:**  **Date tested: 06/19/2025** | **Peer tester: Rachel Theis**  **Date tested:** June 22, 2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Input ‘Cut the grass’ in the text field | ‘Cut the grass’ displays in the text field | pass | Yes A screenshot of a login form  AI-generated content may be incorrect. |
| 2 | Click the add button | ‘Cut the grass’ is added to the list | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Input ‘Wash the car’ as a new task | ‘Wash the car’ displays in the text field | pass | yesA screenshot of a login  AI-generated content may be incorrect. |
| 4 | Click the add button | ‘Wash the car’ is added to the list | pass | yesA screenshot of a login  AI-generated content may be incorrect. |
| 5 | Refresh the browser | Tasks should reappear | pass | No  A screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | Adding tasks worked as intended in a single session, but did not retain after refreshing. I recommend updating this application to retain data even after refreshing or closing the window. | | | |

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| Test 3 | **Complete a Task** | | | |
|  | **Test Objective: Ensure tasks can show a completed status** | **Developer:**  **Date tested:** 06/19/2025 | **Peer tester: Rachel Theis**  **Date tested:** June 22, 2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click in the checkbox by the first task | The first task shows completion | pass | No  A white background with black text  AI-generated content may be incorrect. |
| 2 | Click the checkbox by the following task | Two tasks show completion | pass | No  A white background with black text  AI-generated content may be incorrect. |
| 3 | Refresh the page | Both tasks should show completion | pass | No  A white background with black text  AI-generated content may be incorrect. |
| 4 | Uncheck the first box | The first task is incomplete | pass | No  A white background with black text  AI-generated content may be incorrect. |
| 5 | Check the first box again | The first tasks shows completion | pass | No  A white background with black text  AI-generated content may be incorrect. |
| **Comments** | I didn’t see any checkbox option for any of these tasks, meaning that all unit tests for this test case failed. Being able to show completion would be a helpful addition to this program, so I recommend adding functionality like was described in this test case. | | | |

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| Test 4 | **Delete a Task** | | | |
|  | **Test Objective: Make sure tasks can be deleted** | **Developer:**  **Date tested:** 06/19/2025 | **Peer tester: Rachel Theis**  **Date tested:** June 22, 2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Add ‘Wash hair’ as a task | ‘Wash hair’ displays on list | pass | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Select delete icon | Task removes from list | pass | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Refresh the page | Task is not on list | pass | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Add ‘Cook dinner’ as a task | ‘Cook dinner’ displays on the list | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Click delete icon by task | Task is removed from list | pass | yesA screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | All the unit tests passes and this test case work as the expected results described. I would recommend adding a popup message that confirms that a task has been successfully deleted for user clarity. | | | |

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| Test 5 | **Modify a Task** | | | |
|  | **Test Objective: Make sure tasks can be changed** | **Developer:**  **Date tested:** 06/19/2025 | **Peer tester: Rachel Theis**  **Date tested: June 22, 2025** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Add ‘Pay bills’ as a task | ‘Pay bills’ displays on list | pass | YesA person holding a pen  AI-generated content may be incorrect. |
| 2 | Click pencil icon | Text field appears | pass | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Change task to ‘Pay phone bill’ | ‘Pay phone bill’ is shown in the text field | pass | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Click save | ‘Pay phone bill’ displays on list | pass | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Refresh the page | ‘Pay phone bill’ still displays on list | pass | NoA screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | I was able to modify tasks as described in the expected results. However, the tasks did not retain when I refreshed the page. I recommend modifying this application to retain changes through individual sessions. | | | |