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| **Project:** <Enter a project name> | TODO |
| **Course:** <Enter the course number and name> | CSD380 DevOps |
| **Description:** <Enter a description> | TODO Test Case |
| **Date:** <Enter a date (yyyy/mm/dd)> | 2025/04/11 |

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 | **Verify Website Accessibility** | | | |
|  | **Test Objective:** Verifies the application is accessible at the specified URL (Req #10). | **Developer:**Paul Romer  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Julie Sakai  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open Supported Browser | Browser opens without error | <yes/no> | Yes |
| 2 | Navigate to https://buwebdev.github.io/todo/ | The Todo application landing page loads successfully | <yes/no> | Yes |
| 3 | Observe the loaded page | The page displays the “Task Form” and “Todo List” Sections | <yes/no> | Yes |
| 4 | Refresh the browser window | The Todo application page reloads successfully without errors | <yes/no> | Yes |
| **Comments** | The Chrome browser opened without any issues. Upon navigating to the URL, it successfully directed to the Todo List page, which loaded without any errors. Both the "Task Form" and "Todo List" sections were displayed correctly. After refreshing the page, the Todo List reloaded successfully without any errors or iisues. | | | |

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| Test 2 | **Verify Task Creation and Display** | | | |
|  | **Test Objective:** Verifies a user can create a new task and it displays in the list (Req #2, Req #1). | **Developer:** Paul Romer  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Julie Sakai  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | Landing page loads with “Task Form” and “Todo List” | <yes/no> | Yes |
| 2 | In the “Task Form”, enter “My First Task” into the input field | The text “My First Task” appears in the input field | <yes/no> | Yes |
| 3 | Click the “Add Task” button | The input field clears. “My First Task” appears in the “Todo List” below | <yes/no> | Yes |
| 4 | Enter “My Second Task” into the input field | The text “My Second Task” appears in the input field | <yes/no> | Yes |
| 5 | Click the “Add Task” button | The input field clears. “My Second Task” appears in the “Todo List” below “My First Task”. Both tasks are visible | <yes/no> | Yes |
| **Comments** | The URL successfully directed to the Todo List page, which loaded seamlessly without any errors and displayed both the "Task Form" and "Todo List" sections. After entering the text "My First Task" in the input field and clicking the "Add Task" button, the task was successfully added to the bottom of the Todo List. When entering "My Second Task" in the input field and clicking the "Add Task" button added it directly below "My First Task" on the list, confirming the functionality works as intended. | | | |

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| Test 3 | **Verify Task Editing** | | | |
|  | **Test Objective: Verifies a user can edit an existing task (Req #3)** | **Developer:** Paul Romer  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Julie Sakai  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure that a task, like “My First Task” exists in the “Todo List” | The task “My First Task” is visible in the list | <yes/no> | Yes |
| 2 | Click on the pencil icon to the right of the task from the list | The view changes to the “Edit Form” popup. The input field contains “My First Task” and a “Save” button is visible | <yes/no> | Yes |
| 3 | Modify the text in the input field to “My First Task – Updated” | The text in the field updates to “My First Task – Updated” | <yes/no> | Yes |
| 4 | Click the “Save” button | The view returns to the main landing page. The task now appears as “My First Task – Updated” in the “Todo List” | <yes/no> | Yes |
| **Comments** | Verified that "My First Task" from the previous test is correctly displayed on the Todo List without any errors. When selecting the pencil icon to edit the task, the name was updated to "My First Task - Updated" and saved successfully. The Todo List refreshed and accurately displayed the modified task, confirming that the edit functionality works without any errors or issues. | | | |

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| Test 4 | **Verify Task Deletion** | | | |
|  | **Test Objective: Verifies a user can delete an existing task (Req #4)** | **Developer:** Paul Romer  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Julie Sakai  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure at lease two tasks exist in the list | Two tasks are visible in the list | <yes/no> | Yes |
| 2 | Locate the delete button (The trash can to the right of the task) | A delete button is next to the task item | <yes/no> | Yes |
| 3 | Click the delete button | The task is removed from the “Todo List” | <yes/no> | Yes |
| **Comments** | Confirmed that at least two tasks are present in the Todo List. Identified the delete button positioned to the right of the pencil edit icon. Selected the task "Mobile app launch," clicked the delete button, and successfully removed the task from the Todo List, with no errors or issues encountered. | | | |

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| Test 5 | **Verify Empty Task Prevention When Creating Task** | | | |
|  | **Test Objective:** Verifies the system prevents adding an empty or whitespace only task (Req #6) | **Developer:** Paul Romer  **Date tested:** <yyyy/mm/dd> | **Peer tester:** Julie Sakai  **Date tested:** 2025/04/13 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure the input field under "Task Form" is empty | The input field is empty | <yes/no> | Yes |
| 2 | Click the ‘Task’ form | Cursor should be in the task input field | <yes/no> | Yes |
| 3 | Ensure the “Add Task” button remains inactive | The “Add Task” button remains inactive | <yes/no> | Yes |
| 4 | Type a space character | The “Add Task” button remains inactive | <yes/no> | Yes |
| 5 | Click the “Add Task” button | Nothing happens | <yes/no> | Yes |
| **Comments** | Verified that the input field under "Task Form" was empty. Attempted to click the "Add Task" button without entering any text, but the button remained inactive. As a result, no action occurred, confirming that the "Add Task" button requires text to be entered in the input field before it becomes functional. | | | |