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| **Project:** <Enter a project name> | Todo Business Requirements |
| **Course:** <Enter the course number and name> | CSD-380 DevOps |
| **Description:** <Enter a description> | Three test cases for Todo App requirements |
| **Date:** <Enter a date (yyyy/mm/dd)> | 4 September 2025 |

To complete the test case plan, fill out the information for Project, Course, Description and Date in the header below.

Peer Tested by: Ryan Monnier

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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 | **Create a new todo task item** | | | |
|  | **Test Objective:** | **Developer: Jess Monnier**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Ryan Monnier**  **Date tested:** 2025/09/06 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click into the Task Form text field. | A cursor will appear for you to enter text. | <yes/no> | Yes |
| 2 | Enter a task name, such as “Go to the store” | The field will allow you to enter the task. | <yes/no> | Yes |
| 3 | Click the Add Task button | The Task Form text field will clear and the task you entered will be appended at the bottom of the list of existing tasks, in the same format as other tasks in the list. | <yes/no> | Yes |
| **Comments** | The create a todo task feature functions well. Basic features of adding a task with a custom name work as expected. | | | |

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| Test 2 | **Edit a todo task item** | | | |
|  | **Test Objective:** Verifies input data meets requirements | **Developer: Jess Monnier**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Ryan Monnier**  **Date tested:** 2025/09/06 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Click the pencil icon next to a task | A pop up appears with a text field containing the current task name | <yes/no> | Yes |
| 2 | Change the task text in the text field | The text field is editable and you are able to change the task text within it | <yes/no> | Yes |
| 3 | Click the Save button | The pop-up closes and the old task text is replaced with your changed text | <yes/no> | Yes |
| **Comments** | Basic functionality of editing a task works well and as expected. Clicking the update pencil icon allows you to change the name of any task to whatever you enter into the edit prompt. | | | |

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| Test 3 | **Delete a todo task item** | | | |
|  | **Test Objective:** | **Developer: Jess Monnier**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Ryan Monnier**  **Date tested:** 2025/09/06 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click the trashcan icon next to a task | That task, and only that task, disappears from the todo list | <yes/no> | Yes |
| **Comments** | Deleting a task works as intended. Clicking the delete icon simply removes the item. Suggestion for improvement may be adding a confirmation prompt to make sure the user intended to click delete. | | | |

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| Test 4 | **Prevent users from submitting a task form without entering a todo item** | | | |
|  | **Test Objective:** | **Developer: Jess Monnier**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Ryan Monnier**  **Date tested:** 2025/09/06 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | While the Task Form box is empty, click on the Add Task button. | Nothing happens (the button is disabled) | <yes/no> | Yes |
| 2 | Enter white space only in the Task Form text field and click Add Task. | Nothing happens (the button is disabled) | <yes/no> | No |
| 3 | Enter text in the Task Form text field, then delete all of it and click Add Task. | Nothing happens (the button is enabled while text is in the field, but becomes disabled once valid characters are removed) | <yes/no> | Yes |
| **Comments** | The prompt successfully enforces requiring data in the field before being able to click ‘add task’. However, we can fill the blank with white space (several <space bar> entries) and then we can submit a task that appears empty. In the future, perhaps doing some input validation could prevent issues like this. | | | |

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| Test 5 | **Prevent users from submitting the edit form without entering a todo item** | | | |
|  | **Test Objective:** | **Developer: Jess Monnier**  **Date tested:** <yyyy/mm/dd> | **Peer tester: Ryan Monnier**  **Date tested:** 2025/09/06 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click the pencil icon next to a task | A pop up appears with a text field containing the current task name | <yes/no> | Yes |
| 2 | Delete all text within the text field in the popup | The field is editable and allows you to delete the text within it. | <yes/no> | Yes |
| 3 | Click the Save button | Error text appears indicating that you cannot submit an empty task. The existing task list is not changed and the popup remains open. | <yes/no> | No |

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| 4 | Enter only white space in the text field in the popup and click Save | Error text appears indicating that you cannot submit an empty task. The existing task list is not changed and the popup remains open. | <yes/no> | No |
| **Comments** | The edit button works well for changing the name of a task; however, the task can be left empty, or filled with white space and be renamed to what seems to be an undesirable blank field. | | | |