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| **Project:** Test Plan |  |
| **Course:** DevOps Module 4.2 |  |
| **Description:** Test Plan |  |
| **Date:** 02/04/2025 |  |

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

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| Test 1 | **Verify Task Can Be Added** | | | |
|  | **Test Objective: Ensure users can successfully add a new task.** | **Developer:**  **Date tested:** 02/04/2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click the Task Form input box. | The task form box should be ready for text. | yes | <yes/no> |
| 2 | Type in “Buy Eggs”. | The text “Buy Eggs” should appear in the box. | yes | <yes/no> |
| 3 | Click the “Add Task” button. | The task should be added to the list. | yes | <yes/no> |
| 4 | Check if “Buy Eggs” shows up on the Todo list. | The task “Buy Eggs” should now appear in the list. | yes | <yes/no> |
| 5 |  |  |  |  |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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 2 | **Verify Task Can Be Deleted** | | | |
|  | **Test Objective: Ensure users can remove a task.** | **Developer:**  **Date tested:** 02/04/2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate an existing task. | The task should be visible in the Todo list. | yes | <yes/no> |
| 2 | Click the trash icon next to the task. | The task should be removed. | yes | <yes/no> |
| 3 | Confirm the task is removed. | The task should no longer appear on the list. | yes | <yes/no> |
| 4 |  |  |  |  |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |
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| Test 3 | **Verify Task Can Be Edited** | | | |
|  | **Test Objective: Ensure users can edit an existing task.** | **Developer:**  **Date tested:** 02/04/2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Locate an existing task. | The task should be visible in the Todo list. | yes | <yes/no> |
| 2 | Click the edit icon next to the task. | The task should become editable. | yes | <yes/no> |
| 3 | Change the task “Buy Eggs” to “Buy Butter”. | The task “Buy Eggs” should no longer be visible. | yes | <yes/no> |
| 4 | Press save. | The task should be updated to say, “Buy Butter”. | yes | <yes/no> |
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| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 4 | **Verify new task remains saved after reopening browser** | | | |
|  | **Test Objective: Ensure that tasks remain saved after closing and reopening the page.** | **Developer:**  **Date tested:** 02/04/2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Add a new task. | A new task is added to the list. | yes | <yes/no> |
| 2 | Close the browser. | The browser shuts down. | yes | <yes/no> |
| 3 | Reopen the browser. | The browser should load successfully. | yes | <yes/no> |
| 4 | Check to see if saved tasks are still there after reopening the page. | The new tasks should still be visible after reopening the page. | yes | <yes/no> |
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| **Comments** |  | | | |

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| Test 5 | **Verify Users Cannot Save An Empty Task** | | | |
|  | **Test Objective: Ensure that users cannot add and save a blank task.** | **Developer:**  **Date tested:** 02/04/2025 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click the edit icon near an existing task. | The task should become editable. | yes | <yes/no> |
| 2 | Deleted the existing task. | The task is now empty. | yes | <yes/no> |
| 3 | Click Save. | The list should not allow a task to be saved empty. | no | <yes/no> |
| 4 | Refresh the page. | The page should refresh showing the tasks. | yes | <yes/no> |
| 5 | Check to see if the task is saved empty. | The original task should still be there. | No | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |
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