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| **Project:** **CSD 380 Todo** |  |
| **Course:** **CSD380- A338 DevOps** |  |
| **Description:** **Testing coverage of Todo application** |  |
| **Date:** **2024-06-17** |  |

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

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**TABLE OF CONTENTS**

[***View Existing List of Todo Task Items.*** 2](#_Toc169561829)

[***Create a New Todo Task Item*** 3](#_Toc169561830)

[***Edit a Todo Task Item*** 4](#_Toc169561831)

[***Delete a Todo Task Item*** 5](#_Toc169561832)

[***Prevent Submission of Empty Task Form*** 5](#_Toc169561833)

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 | ***View Existing List of Todo Task Items.*** | | | |
|  | **Test Objective:**  Verify that users can view a list of all **todo** task items previously entered. | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | |  | | --- | | Navigate to the landing page |   (<https://buwebdev.github.io/todo/>) | The landing page loads successfully, displaying the "**Welcome to the Todo App!**" and existing Todo List items. | <yes/no> | <yes/no> |
| 2 | |  | | --- | | Verify the list contains previously added items | | |  | | --- | | All previously added tasks are displayed | | <yes/no> | <yes/no> |
| 3 | |  | | --- | | Refresh the page | | |  | | --- | | The list of todo tasks remains visible | | <yes/no> | <yes/no> |
| 4 | |  | | --- | | Check the responsiveness of the list on different devices | | |  | | --- | | The list is properly displayed on mobile and tablet views | | <yes/no> | <yes/no> |
| **Comments** | The page should be responsive and display tasks correctly on all supported devices. Any discrepancies in task display should be noted for further investigation. | | | |

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| Test 2 | ***Create a New Todo Task Item*** | | | |
|  | **Test Objective:** Verify that users can add a new todo task item. | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  | | --- | | Navigate to the landing page |   (<https://buwebdev.github.io/todo/>) | |  | | --- | | The landing page loads successfully, displaying the "**Welcome to the Todo App!**" and existing Todo List items. | | <yes/no> | <yes/no> |
| 2 | |  | | --- | | Enter a valid task description | | |  | | --- | | Task description is entered without errors | | <yes/no> | <yes/no> |
| 3 | |  | | --- | | Click the "**Add Task"** button | | |  | | --- | | The new task is added to the todo list | | <yes/no> | <yes/no> |
| 4 | |  | | --- | | Verify the task description is displayed under the Todo List | | |  | | --- | | Task details match the input provided | | <yes/no> | <yes/no> |
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| **Comments** | Ensure that the task is added correctly and is visible in the list immediately. Validate that no unexpected errors occur during the process. | | | |

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| Test 3 | ***Edit a Todo Task Item*** | | | |
|  | **Test Objective:** Verify that users can edit an existing todo task item. | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  | | --- | | Navigate to the landing page |   (<https://buwebdev.github.io/todo/>) | The landing page loads successfully, displaying the "**Welcome to the Todo App!**" and existing Todo List items. | <yes/no> | <yes/no> |
| 2 | |  | | --- | | Select a task to edit and click on pen icon | | |  | | --- | | The selected task's details are displayed | | <yes/no> | <yes/no> |
| 3 | |  | | --- | | Update the task description | | |  | | --- | | The description is updated without errors | | <yes/no> | <yes/no> |
| 4 | |  | | --- | | Click the "Save" button | | |  | | --- | | Changes are saved and reflected in the list | | <yes/no> | <yes/no> |
| 5 | |  | | --- | | Verify the updated task in the list | | |  | | --- | | The edited task shows the updated description | | <yes/no> | <yes/no> |
| **Comments** | Ensure that the edit function works as expected, and changes are saved and displayed correctly. Check for any errors during the update process. | | | |

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| Test 4 | ***Delete a Todo Task Item*** | | | |
|  | **Test Objective:** Verify that users can delete a todo task item from the list. | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  | | --- | | Navigate to the landing page |   (<https://buwebdev.github.io/todo/>) | The landing page loads successfully, displaying the "**Welcome to the Todo App!**" and existing Todo List items. | <yes/no> | <yes/no> |
| 2 | |  | | --- | | Select a task to delete and click on delete icon | | |  | | --- | | The task is removed from the list | | <yes/no> | <yes/no> |
| 3 | |  | | --- | | Confirm the deletion | | |  | | --- | | The task no longer appears in the list | | <yes/no> | <yes/no> |
| 4 | |  | | --- | | Refresh the page | | |  | | --- | | The task remains deleted after refresh | | <yes/no> | <yes/no> |
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| **Comments** | Verify that the deletion is permanent and the task does not reappear. Check for any errors during the update process. | | | |

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| Test 5 | ***Prevent Submission of Empty Task Form*** | | | |
|  | **Test Objective:** Verify that users can edit an existing todo task item. | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | |  | | --- | | Navigate to the landing page |   (<https://buwebdev.github.io/todo/>) | The landing page loads successfully, displaying the "**Welcome to the Todo App!**" and existing Todo List items. | <yes/no> | <yes/no> |
| 2 | |  | | --- | | Leave the task description field empty | | |  | | --- | | The task description field is left blank | | <yes/no> | <yes/no> |
| 3 | Verify "**Add Task"** button is disable | The Add Task button remains disable | <yes/no> | <yes/no> |
| 4 | |  | | --- | | Click the disable "**Add Task"** button | | |  | | --- | |  |   The Add Task button is un-clickable | <yes/no> | <yes/no> |
| 5 | |  | | --- | | Verify the blank line is not added to the todo list. | | |  | | --- | | The task is not added to the todo list | | <yes/no> | <yes/no> |
| **Comments** | Ensure that the form validation works correctly, preventing submission when the task description is empty. Check for any errors during the update process. | | | |