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| **Project:** Todo Business Requirements | Sarah Ewing |
| **Course:** DevOps - CSD380 | Module 4.2 Assignment – Test Plan |
| **Description:** Todo is a business application focused on the monitoring of task items. Users of this system can create, update, and delete items from their “Todo List.” Views have been created to support most major devices and web browsers. |  |
| **Date:** 2024-11-13 |  |

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's 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 To Do Task Item** | | | |
|  | **Test Objective:** Verify that users can create a new to do task item | **Developer:** Sarah Ewing  **Date tested:** 2024-11-13 | **Peer tester:** MelissaLawrence  **Date tested:** 2024/11/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Visit https://buwebdev.github.io/todo/ | The page loads without errors | yes | Pass |
| 2 | Click on the text box to enter a task | Cursor appears in text box | yes | Pass |
| 3 | Fill in the text of the To Do item | The text box accepts input | yes | Pass |
| 4 | Click the ‘Add Task’ button | The task is submitted, and the form is cleared | yes | Pass |
| 5 | Confirm that the new task appears in the list of to do items | The newly added task is visible in the to do list | yes | Pass (See above screen shot) |
| **Comments** | Page loads without error. Text box and button are clickable. Text is allowed in box. After button is clicked field clears and text is added to list. | | | |

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| Test 2 | **Deleting a To Do List Item** | | | |
|  | **Test Objective:** Verify that users can delete a to do list item | **Developer:** Sarah Ewing  **Date tested:** 2024-11-13 | **Peer tester:** Melissa Lawrence  **Date tested:** 2024/11/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit https://buwebdev.github.io/todo/ | The page loads without errors | yes | Pass |
| 2 | Click on the Trash Can icon to the right of one of the tasks | The task to the left of the Trash Can icon disappears | yes | Pass |
| 3 | Verify that the item no longer appears in the list of to do tasks | The deleted task is removed from the list | yes | Pass |
| **Comments** | Page loads without error. Trash Can icon is clickable. Item on same line is deleted from list, worked on each item line. | | | |

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| Test 3 | **Prevent Submission of Empty Task Form** | | | | |
|  | **Test Objective:** Verify that users cannot submit a task form without entering a to do item | **Developer:** Sarah Ewing  **Date tested:** 2024-11-13 | **Peer tester:** Melissa Lawrence  **Date tested:** 2024/11/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit https://buwebdev.github.io/todo/ | The page loads without errors | yes | Pass |
| 2 | Click on the text box to enter a task | Cursor appears in text box | yes | Pass |
| 3 | Leave the task empty | The task remains empty | yes | Pass |
| 4 | Click away from the text box | The word ‘Task’ and the line under the text box turns red indicating the task is a required field | yes | Pass |
| 5 | Click the ‘Add Task’ button | The button will be greyed out and unable to be pressed | yes | Pass |
| **Comments** | Page loads without errors. Text box is clickable. When clicking anywhere else ‘Task’ text turns red. Button does not activate without text input to text box. | | | | |

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| Test 4 | **Editing a To Do Task Item** | | | |
|  | **Test Objective:** Verify that users can edit an existing to do task item | **Developer:** Sarah Ewing  **Date tested:** 2024-11-13 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit https://buwebdev.github.io/todo/ | The page loads without errors | yes | Pass |
| 2 | Select the Pencil icon to the right of one of the to do list items | The To do list item appears in an ‘Edit Form’ box | yes | Pass |
| 3 | Edit the To Do list item | The text box allows the text to be edited | yes | Pass |
| 4 | Click the ‘Save’ button | The task is saved and the ‘Edit Form’ box disappears | yes | Pass |
| 5 | Confirm that the edited task appears in the list of to do items | The edited task is visible in the to do list | yes | Pass (See above screen shot) |
| **Comments** | Page loads without errors. Pencil Icon is clickable and brings up a secondary mini window with textbox and ‘Save’ button. Icon also grays out original window, making it unclickable. The Save button works by updating the task item edited. | | | |

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| Test 5 | **Custom 404 Error Page for Invalid URLs** | | | |
|  | **Test Objective:** Verify that users are provided with a custom 404 error page for invalid URLs | **Developer:** Sarah Ewing  **Date tested:** 2024-11-13 | **Peer tester:** Melissa Lawrence  **Date tested:** 2024/11/16 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Visit https://buwebdev.github.io/todo/badurl | The page loads with custom message | yes | Pass |
| 2 | Confirm that the 404 error page provides a message indicating the page is not found | The page displays the message: ‘not-found works!’ | yes | Pass |
| 3 | Visit https://buwebdev.github.io/todo/anotherbadurl | The page loads with custom message | yes | Pass |
| 4 | Confirm that the 404 error page provides a message indicating the page is not found | The page displays the message: ‘not-found works!’ | yes | Pass |
| **Comments** | Both bad URLs bring user to a page with message “not-found works!” | | | |