|  |  |
| --- | --- |
| **Project:** | Todo Application Test Plan |
| **Course:** | CSD-380 DevOps |
| **Description:** | Functional test plan for the Todo application |
| **Date:** | 2025/01/30 |

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

.

**TABLE OF CONTENTS**

[**Accessing the Website Through URL** 2](#_Toc189173238)

[**Creating a New Todo Task Item** 2](#_Toc189173239)

[**Viewing the List of Todo Task Items** 3](#_Toc189173240)

[**Editing an Existing Todo Task Item** 3](#_Toc189173241)

[**Deleting a Todo Task Item** 4](#_Toc189173242)

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.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 1 | **Accessing the Website Through URL** | | | |
|  | **Test Objective: Verify that the website loads correctly when accessed via the provided URL.** | **Developer: Brooks Roberts**  **Date tested:** 2025/01/30 | **Peer tester: Gerald Oden**  **Date tested:** 02/02/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a web browser. | Web browser opens. | yes | Yes |
| 2 | Navigate to https://buwebdev.github.io/todo/. | The website loads correctly. | yes | Yes |
| 4 | Refresh the page. | The page refreshes properly. | yes | Yes |
| 5 | Attempt accessing an invalid URL | Error page appears for invalid URLs. | yes | Yes |
| **Comments** | All test cases completed as expected. Screenshots attached for each step. Recommend removing step to open web browser. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 2 | **Creating a New Todo Task Item** | | | |
|  | **Test Objective: Ensure users can add a new task item to the todo list.** | **Developer: Brooks Roberts**  **Date tested:** 2025/01/30 | **Peer tester: Gerald Oden**  **Date tested:** 02/02/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the Todo application. | The website loads correctly. | yes | Yes |
| 2 | Select the "Task" field. | Text is enabled. | yes | Yes |
| 3 | Enter a task description. | “Add Task” is enabled. | yes | Yes |
| 4 | Click "Add Task" button. | New task appears in the list. | yes | Yes |
| **Comments** | All test cases completed as expected. Screenshots attached for each step. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 3 | **Viewing the List of Todo Task Items** | | | |
|  | **Test Objective: Verify that users can view all added tasks in the todo list.** | **Developer: Brooks Roberts**  **Date tested:** 2025/01/30 | **Peer tester: Gerald Oden**  **Date tested:** 02/02/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the Todo application. | The website loads correctly. | yes | Yes |
| 2 | Verify previously added tasks are visible. | The Todo List displays. | yes | Yes |
| 3 | Add multiple new tasks. | Added tasks are displayed in Todo List. | yes | Yes |
| 4 | Refresh the page. | Tasks display after refresh. | no | No |
| **Comments** | New tasks do not persist after browser refresh. This needs to be corrected before going to production. Screenshots attached for each step. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 4 | **Editing an Existing Todo Task Item** | | | |
|  | **Test Objective: Confirm that users can update an existing task.** | **Developer: Brooks Roberts**  **Date tested:** 2025/01/30 | **Peer tester: Gerald Oden**  **Date tested:** 02/02/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the Todo application. | The website loads correctly. | yes | Yes |
| 2 | Locate an existing task and click the edit button. | Presented with Edit Form. | yes | Yes |
| 3 | Modify the task description. | Task reflects changes. | yes | Yes |
| 4 | Click the "Save" button. | The edited task updates in the list. | yes | Yes |
| **Comments** | Successfully changed time from 2pm meeting to 4pm meeting. Screenshots attached for each step. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 5 | **Deleting a Todo Task Item** | | | |
|  | **Test Objective: Ensure users can remove a task from the list.** | **Developer: Brooks Roberts**  **Date tested:** 2025/01/30 | **Peer tester: Gerald Oden**  **Date tested:** 02/02/2025 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the Todo application. | The website loads correctly. | yes | Yes |
| 2 | Locate an existing task and click the delete button. | The task is successfully removed from the list. | yes | Yes |
| 3 | Refresh the page. | Deleted tasks do not reappear after a refresh. | no | No |
| **Comments** | Deleted tasks reappear after browser refresh. This needs to be corrected before going to production. Screenshots attached for each step. | | | |