|  |  |
| --- | --- |
| **Project:** Todo Application |  |
| **Course:** CSD 380 |  |
| **Description:** Test plan for Todo Application |  |
| **Date:** 2024/06/23 |  |

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

.

**TABLE OF CONTENTS**

[**View a List of Todo Task Items** 3](#_Toc170053148)

[**Create a New Todo Task Item** 4](#_Toc170053149)

[**Edit a Todo Task Item** 6](#_Toc170053150)

[**Delete a Todo Task Item** 8](#_Toc170053151)

[**Invalid URL Handling** 9](#_Toc170053152)

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 | **View a List of Todo Task Items** | | | |
|  | **Test Objective:**  Ensure that the list of todo task items is displayed correctly. | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Brother Yang**  **Date tested:** 2024/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes  Todo Application |
| 2 | Confirm the list of todo task items is visible. | A list of todo task items is displayed. | yes | yes |
| 3 | Verify each todo item displays the correct details. | Each todo item shows accurate details. | yes | yes |
| **Comments** | The functionality to view a list of todo task items works flawlessly. The page loads quickly without any errors, and the list of tasks is displayed clearly. Each task item shows accurate details, making it easy for users to understand their pending tasks. The user interface is intuitive, and the list is well-organized, enhancing the overall user experience. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 2 | **Create a New Todo Task Item** | | | |
|  | **Test Objective: Ensure that new todo task items can be added successfully.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Brother Yang**  **Date tested:** 2024/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Click on the "Add Task" button. | A form to add a new todo task is displayed. | yes | yes  A screenshot of a computer  Description automatically generated |
| 3 | Enter valid details into the form and submit. | The new todo task item is added to the list. | yes | yes |
| 4 | Verify the new task is displayed in the list. | The new task appears in the todo list. | yes | yes |
| **Comments** | The process of creating a new todo task item is smooth and user-friendly. The form to add a new task appears promptly upon clicking the "Add Task" button. Submitting the form with valid details successfully adds the task to the list, and the new task is displayed immediately. This functionality works as intended, allowing users to easily manage their tasks. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 3 | **Edit a Todo Task Item** | | | |
|  | **Test Objective: Ensure that existing todo task items can be edited successfully.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Brother Yang**  **Date tested:** 2024/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Click on an existing todo task item to edit. | A form to edit the todo task is displayed. | yes | yes  A screenshot of a computer  Description automatically generated |
| 3 | Enter new details into the form and submit. | The todo task item is updated in the list. | yes | yes  A screenshot of a computer  Description automatically generated |
| 4 | Verify the updated task is displayed in the list. | The updated task appears in the todo list. | yes | yes  A screenshot of a computer  Description automatically generated |
| **Comments** | Editing an existing todo task item functions correctly. The form for editing appears without any delay, and submitting new details updates the task as expected. The changes are reflected instantly in the todo list, ensuring users can modify their tasks efficiently. This feature is essential for maintaining accurate task information. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 4 | **Delete a Todo Task Item** | | | |
|  | **Test Objective: Ensure that existing todo task items can be deleted successfully.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Brother Yang**  **Date tested:** 2024/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | The page loads without errors. | yes | yes |
| 2 | Click on the delete button next to a todo task item. | The todo task item is removed from the list. | yes | yes |
| 3 | Confirm the task item is no longer in the list. | The task item no longer appears in the list. | yes | yes |
| **Comments** | The delete functionality works without any issues. Clicking the delete button removes the todo task item from the list immediately. This feature is crucial for users to manage their tasks effectively by removing completed or unnecessary tasks. The application handled the deletion process efficiently. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 5 | **Invalid URL Handling** | | | |
|  | **Test Objective: Ensure that the application displays a custom 404 error page for invalid URLs.** | **Developer: Alexis Yang**  **Date tested:** 2024/06/23 | **Peer tester: Brother Yang**  **Date tested:** 2024/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to an invalid URL (e.g., https://buwebdev.github.io/todo/invalidpage) | A custom 404 error page is displayed. | yes | yes |
| 2 | Verify the 404 error page content. | The error page contains a message about the invalid URL. | yes | yes |
| 3 | Click on any available link to navigate back to the main page. | The user is redirected to the main todo page. | yes | yes |
| **Comments** | CoThe custom 404 error page for invalid URLs is displayed correctly. Navigating to an invalid URL brings up a user-friendly error page with a clear message about the invalid URL. This ensures users are properly informed when they enter an incorrect URL, improving the overall user experience. | | | |