|  |  |
| --- | --- |
| **Project:** Hlee Xiong |  |
| **Course:** CSD 380 |  |
| **Description:** Module 4.2 Assignment - Test Plan |  |
| **Date:** 2024/11/14 |  |

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

.

**TABLE OF CONTENTS**

[**<DESCRIPTION>** 2](#_Toc132718195)

[**<DESCRIPTION>** 2](#_Toc132718196)

[**<DESCRIPTION>** 3](#_Toc132718197)

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 | **Website Accessibility (Req #10)**  **Verify website accessibility through standard URL** | | | |
|  | **Test Objective: Verify website accessibility through standard URL** | **Developer: Hlee X.**  **Date tested:** 2024/11/14 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | Website loads completely with all elements visible | Yes | <yes/no> |
| 2 | Verify page loads successfully | Todo list interface is displayed with no error messages | Yes | <yes/no> |
| 3 | Refresh the page | Page refreshes without errors | Yes | <yes/no> |
| 4 | Verify page reloads without errors | All existing data and interface elements remain intact after refresh | Yes | <yes/no> |
| 5 | Check if all UI elements are visible | Todo list, Add Task button, and all interactive elements are clearly visible | Yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 2 | **Task Creation (Req #2) Verify new task creation functionality** | | | |
|  | **Test Objective: Confirm users can create new todo task items** | **Developer: Hlee X.**  **Date tested:** 2024/11/14 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the todo application | Main todo interface is displayed | Yes | <yes/no> |
| 2 | Click "Add Task" or equivalent button | Task creation form becomes visible | Yes | <yes/no> |
| 3 | Enter task description | Text input field accepts entered text | Yes | <yes/no> |
| 4 | Submit the form | Form submits successfully | Yes | <yes/no> |
| 5 | Verify new task appears in the list | New task appears at the top/bottom of the todo list with correct entered text | Yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 3 | **Form Validation (Req #6) Verify form validation for empty submissions** | | | |
|  | **Test Objective: Confirm prevention of empty task submissions** | **Developer: Hlee X.**  **Date tested:** 2024/11/14 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to add task form | Task creation form is displayed | Yes | <yes/no> |
| 2 | Leave task field empty | Field remains empty | Yes | <yes/no> |
| 3 | Attempt to submit form | Form submission is prevented | Yes | <yes/no> |
| 4 | Verify error message appears | Validation message appears indicating required field | Yes | <yes/no> |
| 5 | Verify form doesn't submit | No new task is added to the list | Yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 4 | **Task Deletion (Req #4) Verify task deletion functionality** | | | |
|  | **Test Objective: Confirm users can delete existing tasks** | **Developer: Hlee X.**  **Date tested:** 2024/11/14 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Create a test task | New task is created and visible in list | Yes | <yes/no> |
| 2 | Locate delete button for the task | Delete button/icon is visible next to task | Yes | <yes/no> |
| 3 | Click delete button | Delete action is initiated | Yes | <yes/no> |
| 4 | Confirm deletion prompt (if any) | Confirmation dialog appears (if implemented) | Yes | <yes/no> |
| 5 | Verify task is removed from list | Task is no longer visible in the todo list | Yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 5 | **Mobile View (Req #8) Verify mobile device compatibility** | | | |
|  | **Test Objective: Confirm application is properly displayed on mobile devices** | **Developer: Hlee X.**  **Date tested:** 2024/11/14 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Access website on mobile device or emulator | Website scales appropriately to screen size | Yes | <yes/no> |
| 2 | Verify all elements are properly sized | All buttons, text, and inputs are properly sized for mobile viewing | Yes | <yes/no> |
| 3 | Test navigation functionality | All interactive elements can be easily tapped/clicked | Yes | <yes/no> |
| 4 | Create a new task | Task creation process works smoothly on mobile interface | Yes | <yes/no> |
| 5 | Verify task list is readable | Task list is clearly visible and properly formatted for mobile screen | Yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |