|  |  |
| --- | --- |
| **Project:** Todo Application |  |
| **Course:** csd-320 DevOps |  |
| **Description:** This test plan checks that the main features of the Todo app work as expected, based on the business requirements. |  |
| **Date: June 17, 2025** |  |

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

**TABLE OF CONTENTS**

[**<Test 1 - Open Todo Website >** 2](#_Toc132718195)

[**<Test 2 - Create a New Todo Task >** 2](#_Toc132718196)

**[<Test 3 - Restrict Submitting Empty Tasks >](#_Toc132718197)** [3](#_Toc132718197)

[**<Test 4 – Edit a Todo task >**……………………………………………………………………………………………………...………............4](#_Toc132718197)

[**<Test 5 – Delete a Todo task >..............................................................................................................................................................**4](#_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 | **Open Todo Website** | | | |
|  | **Test Objective:**  Make sure the user can open the Todo app using the regular website link. | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a web browser | Browser opens successfully | yes | <yes/no> |
| 2 | Click through https://buwebdev.github.io/todo/ | Todo app loads with no errors | yes | <yes/no> |
| 3 | Make sure the main interface elements, like the input box and the list area are clearly visible. | Main page displays normally | yes | <yes/no> |
| 4 | Refresh page | Page reloads with content preserved or reset as expected | yes | <yes/no> |
| 5 | Close browser | Browser closes successfully | yes | <yes/no> |
| **Comments** |  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 2 | **Create a New Todo Task** | | | |
|  | **Test Objective:** Create a New Todo task | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open Todo app in browser | Todo app loads | yes | <yes/no> |
| 2 | Click in the task input field | The cursor is visible | yes | <yes/no> |
| 3 | Type “Buy essentials” | The text shows up in the input field | yes | <yes/no> |
| 4 | Press Enter key or click Add button | The task appears in the list | yes | <yes/no> |
| 5 | Confirm task appears in list | “Buy essentials” appears | yes | <yes/no> |
| **Comments** |  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 3 | **Restrict Submitting Empty Tasks** | | | |
|  | **Test Objective**: Ensure users cannot submit and empty new task. | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load the Todo app | App loads successfully | yes | <yes/no> |
| 2 | Leave input field empty | Input remains blank | yes | <yes/no> |
| 3 | Press Enter or Add | Nothing happens/error message shows | yes | <yes/no> |
| 4 | Check validation feedback | Alert or disabled button prevents action | yes | <yes/no> |
| 5 | Ensure the list is unchanged | No new item is added | yes | <yes/no> |
| **Comments** |  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 4 | **Edit a Todo Task** | | | |
|  | **Test Objective**: Confirm that the user can update a task and is prevented from submitting a blank edit. | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load Todo app with a task present | Task will appear in list | yes | <yes/no> |
| 2 | Click the task’s edit button | Edit field appears | yes | <yes/no> |
| 3 | Change text to buy soap and save | Task updates in list | yes | <yes/no> |
| 4 | Attempt to edit again delete all text | Text box is empty | yes | <yes/no> |
| 5 | Attempt to submit empty edit | The form is not submitted, and alert appears | yes | <yes/no> |
| **Comments** |  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 5 | **Delete a Todo Task** | | | |
|  | **Test Objective**: Verify that users can delete a task from the list | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load Todo app with at least one task | The task is shown | yes | <yes/no> |
| 2 | Click delete button next to task | Task disappears from list | yes | <yes/no> |
| 3 | Refresh page | Once deleted, the task stays gone | yes | <yes/no> |
| 4 | Add a new task | The task is added without any issues | yes | <yes/no> |
| 5 | Delete that new task | Task is removed again | yes | <yes/no> |
| **Comments** |  | | | |