|  |  |
| --- | --- |
| **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 >** 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: Jess**  **Date tested:** 2025/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open a web browser | Browser opens successfully | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Click through https://buwebdev.github.io/todo/ | Todo app loads with no errors | yes | yesA screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Make sure the main interface elements, like the input box and the list area are clearly visible. | Main page displays normally | yes | YesA screenshot of a computer  AI-generated content may be incorrect. |
| 4 | Refresh page | Page reloads with content preserved or reset as expected | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Close browser | Browser closes successfully | yes | Yes (I would rather not include a screenshot of my desktop as it has work related files on it) |
| **Comments** | Todo opens and closes as expected. No issues with loading the page. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test 2 | **Create a New Todo Task** | | | |
|  | **Test Objective:** Create a New Todo task | **Developer:** Arely Gil  **Date tested:** 2025/06/19 | **Peer tester: Jess Long-Heinicke**  **Date tested:** 2025/06/25 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open Todo app in browser | Todo app loads | yes | Yes A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Click in the task input field | The cursor is visible | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Type “Buy essentials” | The text shows up in the input field | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 4 | Press Enter key or click Add button | The task appears in the list | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 5 | Confirm task appears in list | “Buy essentials” appears | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | No problem with adding new tasks into Todo. Page behaves as expected. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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: Jess Long-Heinicke**  **Date tested:** 2025/06/23 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load the Todo app | App loads successfully | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 2 | Leave input field empty | Input remains blank | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 3 | Press Enter or Add | Nothing happens/error message shows | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 4 | Check validation feedback | Alert or disabled button prevents action | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 5 | Ensure the list is unchanged | No new item is added | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | Todo behaves as expected. No alert is given, but blank task is not added onto the list. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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: Jess Long-Heinicke**  **Date tested: 2025/06/23** | |
| **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  A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Click the task’s edit button | Edit field appears | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 3 | Change text to buy soap and save | Task updates in list | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 4 | Attempt to edit again delete all text | Text box is empty | yes | Yes  A screenshot of a computer  AI-generated content may be incorrect. |
| 5 | Attempt to submit empty edit | The form is not submitted, and alert appears | yes | No  A screenshot of a computer  AI-generated content may be incorrect. |
| **Comments** | Editing tasks behaves as expected. However, it does not prevent empty text boxes from being added to the list from the edit window. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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: Jess Long-Heinicke**  **Date tested:** 2025/06/23 | |
|  | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Load Todo app with at least one task | The task is shown | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 2 | Click delete button next to task | Task disappears from list | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 3 | Refresh page | Once deleted, the task stays gone | yes | No  A screenshot of a task form  AI-generated content may be incorrect. |
| 4 | Add a new task | The task is added without any issues | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| 5 | Delete that new task | Task is removed again | yes | Yes  A screenshot of a task form  AI-generated content may be incorrect. |
| **Comments** | Task status is not kept in localStorage. Once refreshed, Todo reverts to the original 6 tasks and does not save any edits made. | | | |