Seth Glover

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Module 4.2 Assignment

CSD380-M320 DevOps

For this assignment, you will be drafting a test plan based on the business requirements presented in the “Todo Business Requirements” document (linked below). The test plan must include at least 5 functional tests and those tests must encompass the requirements in the document. For example, one of the requirements identified in the document is for “users to access the website through a standard URL.” A test plan that represents this requirement might include the following steps:

***Example 1: Test Plan***

* + - Visit <https://buwebdev.github.io/todo/>.
    - Confirm the page loaded without errors.
    - Refresh the browser window.
    - Confirm the page reloaded correctly.

**✅ Test Plan for Todo Application**

**Test 1: Access the Website via Standard URL**

**Objective:** Verify users can access the website through the provided URL.

* **Step 1:** Visit <https://buwebdev.github.io/todo/>
* **Expected Result:** Page loads without errors.
* **Step 2:** Refresh the browser.
* **Expected Result:** Page reloads properly, no loss of functionality or visible errors.

**Test 2: Add a New Todo Item**

**Objective:** Ensure users can successfully add a new todo item.

* **Step 1:** Enter "Buy groceries" into the input field.
* **Step 2:** Click the "Add" button (or press Enter).
* **Expected Result:** "Buy groceries" appears in the todo list below.

**Test 3: Mark Todo Item as Complete**

**Objective:** Verify users can mark a todo item as completed.

* **Step 1:** Click the checkbox or complete icon next to "Buy groceries".
* **Expected Result:** The item is visually marked as completed (e.g., strikethrough or faded text).

**Test 4: Edit an Existing Todo Item**

**Objective:** Confirm that users can edit existing items in the list.

* **Step 1:** Click the "Edit" icon or double-click the "Buy groceries" item.
* **Step 2:** Change the text to "Buy groceries and milk".
* **Step 3:** Press Enter or click "Save".
* **Expected Result:** The item now shows the updated text.

**Test 5: Delete a Todo Item**

**Objective:** Ensure users can delete items from the list.

* **Step 1:** Click the "Delete" icon next to "Buy groceries and milk".
* **Expected Result:** The item is removed from the todo list.