

Usiel Figueroa / Module 4.2 Assignment: Test Plan

Project: Module 4.2 Assignment – Test Plan	
Course: CSD 380-A311 DevOps	
Description: Test Plan for Todo Application	
Date: 2025/06/16	

Usiel Figueroa

Date: June 16, 2025

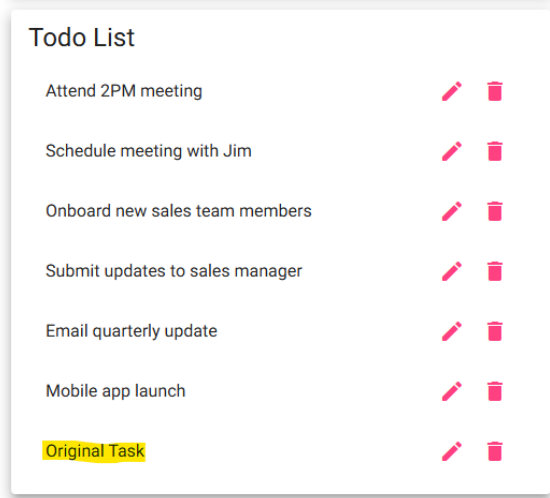
Course: CSD 380-A311 DevOps

Module 4.2 Assignment: Test Plan

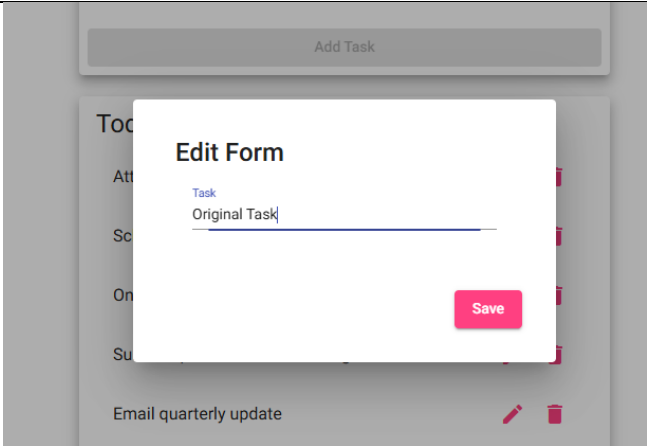
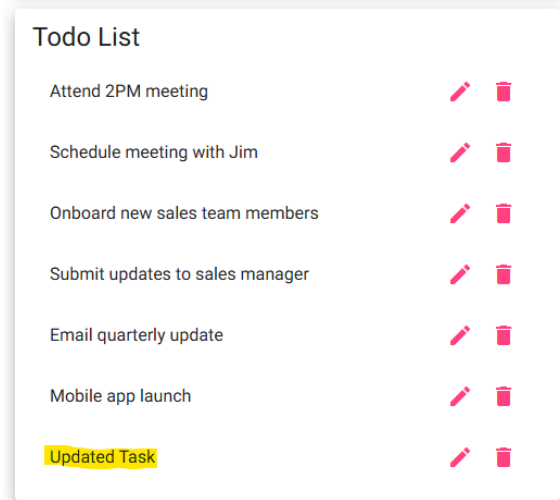
TABLE OF CONTENTS

Usiel Figueroa	1
Edit a Todo Task Item	2
Delete a Todo Task Item	5
For invalid URLs, provide users with a custom 404 error page.....	7
Prevent users from submitting a task form with without entering a todo item.....	9
Allow users to visit the website through https://buwebdev.github.io/todo/	10















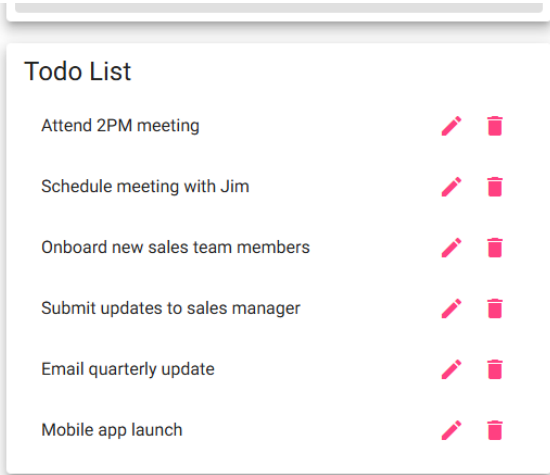
Usiel Figueroa / Module 4.2 Assignment: Test Plan

Test 3	Edit a Todo Task Item			
	Test Objective: Verify users can edit an existing todo task item.	Developer: Usiel Figueroa Date tested: 2025/06/16	Peer tester: Rachel Shaw Date tested: 2025/06/22	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail + Screenshot
1	Add task 'Original Task'	'Original Task' appears in list	Yes	Yes 
2	Click edit on 'Original Task'	Editable field appears	Yes	Yes

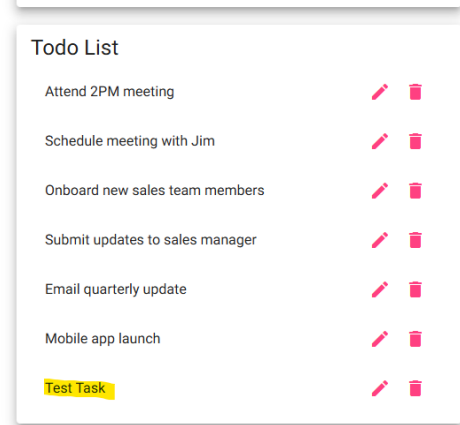

Usiel Figueroa / Module 4.2 Assignment: Test Plan

				
3	Change text to 'Updated Task' and save	'Original Task' updates to 'Updated Task'	Yes	<p>Yes</p> 
4	Confirm in list	'Updated Task' is displayed	Yes	Yes































Usiel Figueroa / Module 4.2 Assignment: Test Plan

				<div> <h3>Todo List</h3> <ul style="list-style-type: none"> Attend 2PM meeting   Schedule meeting with Jim   Onboard new sales team members   Submit updates to sales manager   Email quarterly update   Mobile app launch   Updated Task   </div>
5	Refresh page	Update persists after reloading	No	<div> <p>No</p>  </div>
Comments	Editing a task is straightforward. Changes are preserved and accurately shown in the UI. However, when reloading edits are lost. Tester comment: the page reverts back to the default preset tasks when the page is reloaded. Would be nice if we could make it maintain those changes.			

Usiel Figueroa / Module 4.2 Assignment: Test Plan

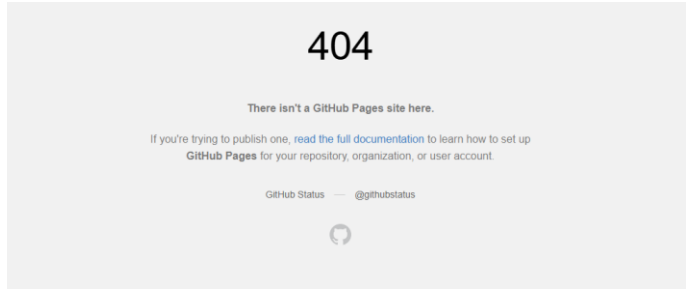
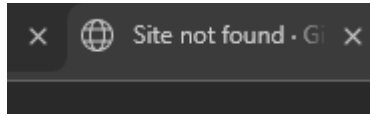
Test 4	Delete a Todo Task Item			
	Test Objective: Verify users can delete an existing todo item.	Developer: Usiel Figueroa Date tested: 2025/06/16	Peer tester: Rachel Shaw Date tested: 2025/06/22	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Add a new task labeled 'Test Task'	Task 'Test Task' appears in list	Yes	Yes 
2	Locate 'Test Task' in the list	'Test Task' is visible with delete icon	Yes	Yes 
3	Click delete icon	'Test Task' is removed	Yes	Yes

Usiel Figueroa / Module 4.2 Assignment: Test Plan

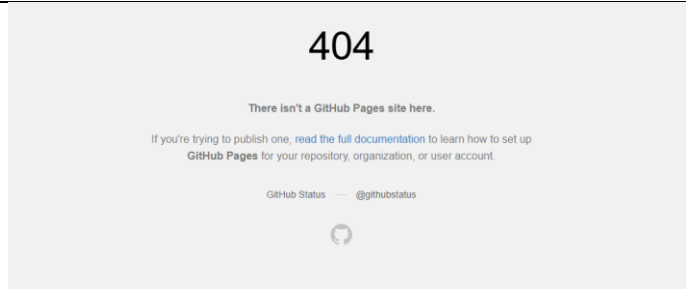
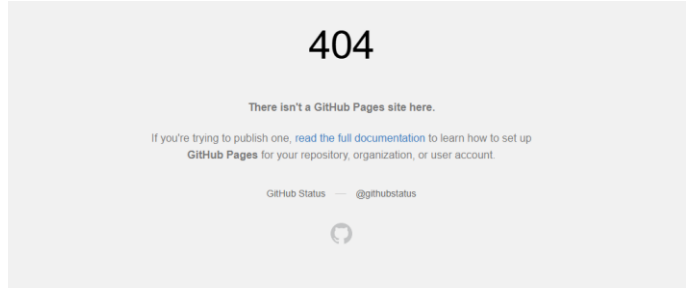
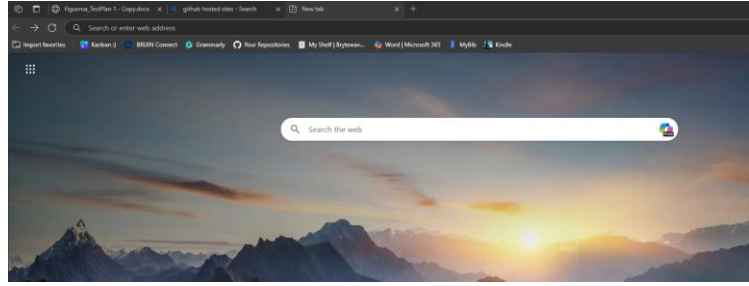
				<div> <h3>Todo List</h3> <ul style="list-style-type: none"> Attend 2PM meeting   Schedule meeting with Jim   Onboard new sales team members   Submit updates to sales manager   Email quarterly update   Mobile app launch   </div>
4	Refresh the page	'Test Task' remains deleted	Yes	<div> <h3>Yes</h3> <div> <h3>Todo List</h3> <ul style="list-style-type: none"> Attend 2PM meeting   Schedule meeting with Jim   Onboard new sales team members   Submit updates to sales manager   Email quarterly update   Mobile app launch   </div> </div>
5	Repeat with multiple items	Multiple tasks can be deleted one at a time without errors	Yes	<div> <h3>yes</h3> <div> <ul style="list-style-type: none"> Test2   Test3   Test4   </div> </div>

Usiel Figueroa / Module 4.2 Assignment: Test Plan

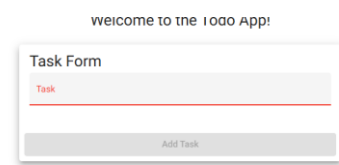
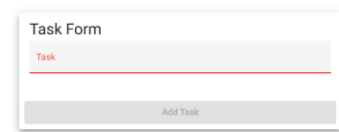
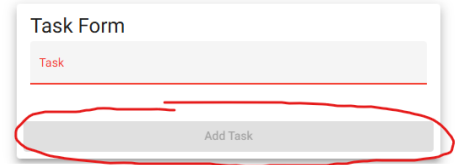
Comments	Task deletion works consistently. UI updates actions for deleting are permanent. Page reloads does not revert deletions.
-----------------	--

Test 5	For invalid URLs, provide users with a custom 404 error page			
	Test Objective: Confirm that invalid URLs lead to a custom 404 error page.	Developer: Usiel Figueroa Date tested: 2025/06/16	Peer tester: Rachel Shaw Date tested: <2025/06/22>	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Enter invalid URL https://vuwebdev.github.io/todo/	404 page is shown	Yes	Yes 
2	Look at page title	Title or heading states '404' or similar	No	Yes 
3	Check design consistency	Page matches site styling	No	No, but it's a Github pages site and, therefore, has a Github 404 page

Usiel Figueroa / Module 4.2 Assignment: Test Plan

				
4	Look for recovery links	A link/button returns to homepage	No	<p>No</p> 
5	Click return link	Redirects to previous page	Yes	<p>Yes</p> 
Comments	<p>404 page is properly themed and non-functional. Navigation recovery is not possible unless to read the full documentation by GitHub Pages link or the return action link. And the webpage design maintains the 404 templates for invalid URLs.</p> <p>Tester Comment: The Github Pages 404 page is the “custom 404 page.” However, it would be cool if there was a way to add a 404 page in the style of the todo site.</p>			

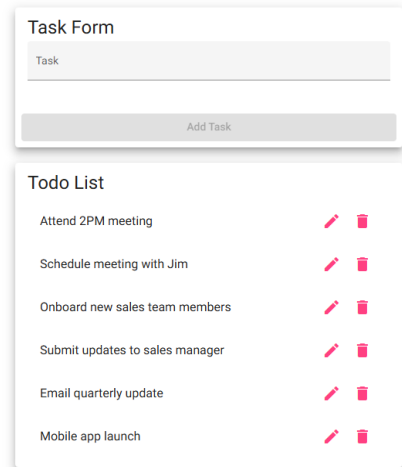
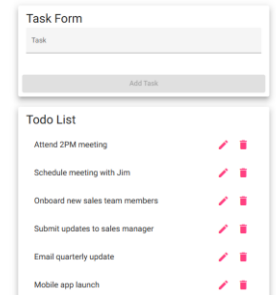
Usiel Figueroa / Module 4.2 Assignment: Test Plan

Test 6	Prevent users from submitting a task form with without entering a todo item			
	Test Objective: Verify the form does not submit a new todo item if the input is left blank.	Developer: Usiel Figueroa Date tested: 2025/06/16	Peer tester: Rachel Shaw Date tested: <2025/06/22>	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Navigate to the Todo website	Page loads with the task form visible	Yes	Yes 
2	Leave the input field blank	Input field remains empty	Yes	Yes 
3	Click the Add button	No task is added. Not possible to click the Add button	Yes	Yes 
4	Check task list	Task list remains unchanged	Yes	Yes

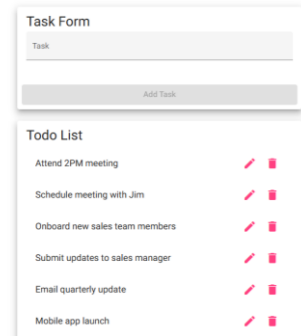
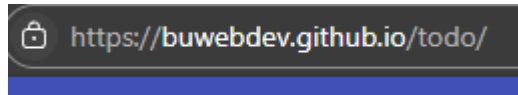
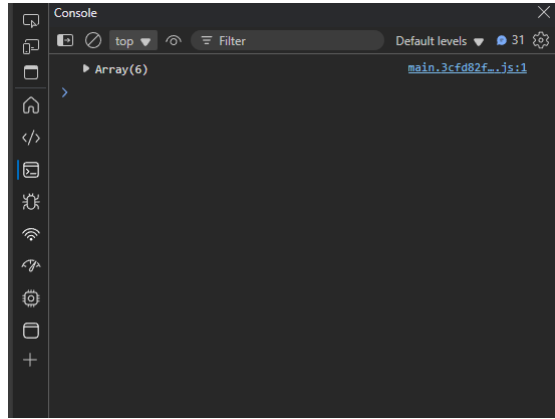
Usiel Figueroa / Module 4.2 Assignment: Test Plan

				
5	Look for validation message	An inline error message or form warning appears	No	<p>No</p> 
Comments	<p>Validation against blank task input functions as expected. However, it is not possible to click the Add button with a blank input field in the task form. The UI does not provide user feedback for this issue.</p> <p>Tester comment: The add button only works after the user has typed at least 4 characters into the form. User feedback is given via the text box turning red after the user clicks on it but does not enter the minimum amount of characters.</p>			
Test 10	<p>Allow users to visit the website through https://buwebdev.github.io/todo/</p>			

Usiel Figueroa / Module 4.2 Assignment: Test Plan

	Test Objective: Verify users can access the Todo website through the provided standard.	Developer: Usiel Figueroa Date tested: 2025/06/16	Peer tester: Rachel Shaw Date tested: <2025/06/22>	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Visit https://buwebdev.github.io/todo/	The page loads without error	Yes	<p>Yes</p>  <p>The screenshot shows the 'Welcome to the Todo App!' message. Below it is a 'Task Form' with a text input field labeled 'Task' and an 'Add Task' button. Underneath is a 'Todo List' containing six items: 'Attend 2PM meeting', 'Schedule meeting with Jim', 'Onboard new sales team members', 'Submit updates to sales manager', 'Email quarterly update', and 'Mobile app launch'. Each item has a red pencil icon for editing and a red trash can icon for deleting.</p>
2	Refresh the browser window	The page reloads correctly	Yes	<p>Yes</p>  <p>This screenshot is identical to the one in Step 1, showing the 'Welcome to the Todo App!' message, the 'Task Form', and the 'Todo List' with six tasks and their respective edit/delete icons.</p>

Usiel Figueroa / Module 4.2 Assignment: Test Plan

3	Click around the UI	All elements appear functional and responsive	Yes	<p>Yes</p> 
4	Verify URL in the address bar	URL remains https://buwebdev.github.io/todo/	Yes	<p>Yes</p> 
5	Inspect console for errors	No errors appear in browser console	Yes	<p>Yes</p> 
Comments	This test confirms public accessibility via the given URL. Functionality and responsiveness were consistent and without error across refreshes and navigation.			

Usiel Figueroa / Module 4.2 Assignment: Test Plan

Sources

- (n.d.). Todo. Buwebdev. Retrieved June 16, 2025, from <https://buwebdev.github.io/todo/>
- [Todo Business Requirements document](#)
- [Test Case Template 2025.docx](#)