



Project: Test Plan	Test Case Template
Course: CSD380	
Description: Create 5 Test Cases and Verify the	
Date: 2024/11/15	

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



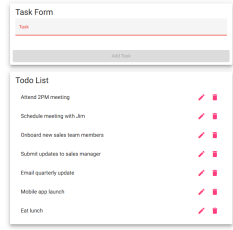
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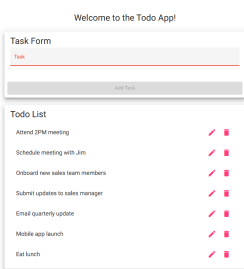
Test Case Template

Test 1	Access Todo Application via URL			
	Test Objective: Verify that users can access the Todo application through a standard URL	Developer: Joseph Huffer Date tested: 2024/11/16	Peer tester: Brittni Ray Date tested: 2024/11/17	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Open a Web Browser	Browser launches and opens successfully	Yes - Pass	Yes
2	Enter the following URL in the address bar: https://buwebdev.github.io/todo/ . And press 'ENTER' to navigate to the page	The Todo app's main page loads without any errors.	Yes - Pass	Yes
3	Confirm that the page loads	Page Loads	Yes - Pass	 Yes
4	Perform a refresh on the browser page	Page Refreshes and displays identical data.	Yes - Pass	 Yes
5	Confirm that the page reloads correctly	Page loads correctly.	Yes - Pass	Yes
Comments	Dev Notes: This test successfully verifies that the todo application is accessible via the provided URL. The page loads without errors, and the data remains consistent after refreshing the browser. Confirming compatibility with different browsers could be used to expand the results and use case of tests like this, just as a note. Tester Notes:			


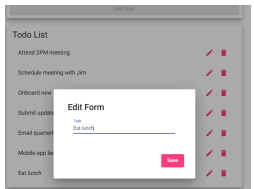
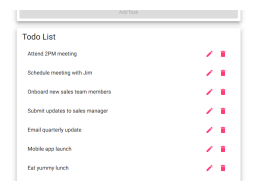
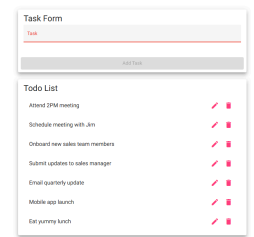
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Test 2	Create a New Todo Task			
	Test Objective: Test the creation of a new Todo item	Developer: Joe Huffer Date tested: 2024/11/16	Peer tester: Brittini Ray Date tested: 2024/11/17	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail + Screenshot
1	Navigate to the todo app landing page	Page loads successfully	Yes - Pass	 Yes
2	Type a new task into the 'Task' input field.	The task will populate corresponding to user input	Yes - Pass	 Yes
3	Click the 'Add Task' button	The new task appears at the bottom of the list of tasks.	Yes - Pass	 Yes

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4	Leave the input field blank and attempt to click "Add Task"	The system should gray out and prevent the item from being added.	Yes - Pass	 <p>Yes</p>
Comments	<p>Dev Notes: This test is designed to provide the following details: what happens when a new item is added, and what happens if no item is provided and the "Add Task" is still attempted. With these steps, and these results, we see that you can navigate to the page, open the app, add a new item successfully (and the behavior that takes place after clicking 'Add Task'), to further that, we also attempt to add an item with no input provided, which does not work and no new item is created. Also, we do not need to acknowledge browser since I assume these tests will be ran in sequence.</p> <p>Tester Notes:</p>			


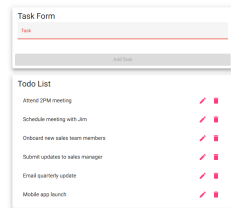
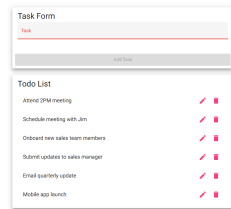
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Test 3	Edit an Existing Todo Task			
	Test Objective: Test editing functionality for an existing Todo item	Developer: Joe Huffer Date tested: 2024/11/16	Peer tester: Brittnei Ray Date tested: 2024/11/17	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	While still on the Todo App Landing Page, view the list towards the bottom of the application page detailing current "Todo List".	All current tasks are displayed on the screen.	Yes - Pass	Yes
2	Click the 'Pen' icon located to the right of the item you select to modify (select any) 	This task will appear in an editable input form.	Yes - Pass	 Yes
3	Modify the task description and click "Save"	Task description updates successfully in the task list and displays the changes to the field.	Yes - Pass	 Yes
4	On the same or a different item, select the edit ("pen") icon, and enter no new input, then click save.	The system should allow for no edit to be made, and the original information to remain in that field (and allow all actions described)	Yes - Pass	

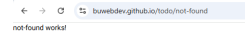
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			Yes
Comments	<p>Dev Notes: The goal of this task is to modify elements that have been added. By selecting the edit icon (“pen”) icon, the item in the app becomes modifiable, the property corresponds to whatever input typed, and once ‘save’ is clicked, the item updated. We also depict that if you select an item, add no new input, the user can still save that value successfully without error (resulting in no change).</p> <p>Tester Notes:</p>		

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Test 4	Delete a Todo Task			
	Test Objective: Test the deletion of a task from the Todo list	Developer: Joe Huffer Date tested: 2024/11/16	Peer tester: Brittni Ray Date tested: 2024/11/17	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	While still on the Todo App Landing Page, view the list towards the bottom of the application page detailing current "Todo List".	All current tasks are displayed on the screen.	Yes - Pass	Yes
2	Next to an item, click the 'trashcan' or delete button. 	The selected task will be removed from the list immediately	Yes - Pass	 Yes
3	Confirm deletion	Make sure task no longer populates the list.	Yes - Pass	 Yes
Comments	Confirming that the deletion function works and that items can be terminated at will. This is a fairly simple test/outcome, so for the sake of substance, a potential enhancement could be the addition of a "Are you sure?" option to confirm deletion, and/or an "undo" feature since deletion is simply a one-click task (and potentially clicked on accident).			

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Test 5	Invalid URL, Encountering custom 404 Page			
	Test Objective:	Developer: Joe Huffer Date tested: 2024/11/16	Peer tester: Brittnei Ray Date tested: 2024/11/17	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Open a new tab, or a new instance of web browser.	A new tab or new web browsing application instance will open.	Yes - Pass	Yes
2	Enter an invalid URL in the browser (example if you need one: https://buwebdev.github.io/todo/nositehere)	You will not be directed to the main Todo application site. You will receive an error web page detailing that the site could not be reached.	Yes - Pass	 Yes
Comments	Less steps than in test 4, so there isn't a lot to comment on. Our goal is to activate within the application a page detailing that any suffix after the URL portion: todo/ will result in a specific error page. With an invalid url, we receive the web page: https://buwebdev.github.io/todo/not-found , which states: "not-found works!".			