TEST CASE EXAMPLES

Todo Web Application Project

CSD380-DevOps

Functional Test Plan for the Todo Web Application based on defined business requirements.

Angela Vargas

02/03/2026

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Test 1:

Test 1	**Edit a Todo Task**			
	Test Objective: Verifies users can edit an existing todo task item (Requirement #3)	**Developer: Angela V** **Date tested: 02/03/2026**	**Peer tester:** **Date tested:** <yyyy/mm/dd>	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail + Screenshot**
1	Navigate to https://buwebdev.github.io/todo/	Todo Application will be able to load successfully with no errors	Yes	Yes
2	Create a new task to test	Task appears in the todo list	Yes	Yes
3	Click the "Edit" button next to the task	Edit from displays current task text	Yes	Yes
4	Modify the task text and select a Save/Update option	Task updates with a new text	Yes	Yes
5	Refresh the page/browser	Updates task and be able to remain saved and visible	Yes	Yes
Comments	The system allowed modification of the task and saved the changes correctly. After refreshing the page, the updated task remained visible, confirming the requirement was met successfully.			

Test: 2

Test 2	**Custom 404 Error Page**			
	Test Objective: Verifies the system provides users with a custom 404 error page for invalid URLs (Requirement #5)	**Developer: Angela V Date tested:** 02/03/2026	**Peer tester: Date tested:** <yyyy/mm/dd>	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail + Screenshot**
1	Enter invalid URL: https://buwebdev.github.io/todo/invalidpage	Custom 404 error page displays	Yes	Yes
2	Review the error message shown on the page	Message will state that the page is not found	Yes	Yes
3	Verify the page styling	404 page will match the sites design and format	Yes	Yes
4	Click on the back/reverse button on the top left hand on the browser	Return to the main todo page	Yes	Yes
5	Refresh the invalid URL	Custom 404-page displays again	Yes	Yes
Comments	The application correctly displayed a custom 404 page when an invalid URL was entered. The page design remained consistent with the application styling. Navigation back to the main page worked properly, confirming the requirement is satisfied.			

Test 3:

Test 3	**Prevent Task Submission**			
	Test Objective: Verifies users are prevented from submitting a task form without entering a todo item (Requirement #6)	**Developer: Angela V** **Date tested:** 02/03/2026	**Peer tester:** **Date tested:** <yyyy/mm/dd>	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail** **+ Screenshot**
1	Navigate to https://buwebdev.github.io/todo/	Todo application loads successfully	Yes	Yes
2	Leave the task field blank	Keep blank on the fields of input	Yes	Yes
3	Click the "Add" button	Task is not added onto the list	Yes	Yes
4	Observe the behavior of the system	Validate message or alert will show	Yes	Yes
5	Confirm task list is as expected	No empty task is displayed	Yes	Yes
Comments	The system successfully prevented submission of a blank task. No empty entries were added to the list. The validation behavior clearly informed the user that input is required before submission.			

Test 4:

Test 4	**Tablet Device View**			
	Test Objective: Verifies the application provides users with a view optimized for tablet devices (Requirement #9)	**Developer: Angela V** **Date tested:** 02/03/2026	**Peer tester:** **Date tested:** \<yyyy/mm/dd\>	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail** **+ Screenshot**
1	Open Website Browser	Page loads successfully	Yes	Yes
2	Resize browser to tablet width (~768px)	Layout adjusts automatically	Yes	Yes
3	Review task list alignment	Content fits tablet screen without overlap	Yes	Yes
4	Test add/edit/delete features	All features function correctly	Yes	Yes
5	Rotate simulated orientation	Layout adjusts properly to orientation change	Yes	Yes
Comments	The application adjusted correctly to tablet screen dimensions. The layout remained clean and readable, and all core features continued to function properly. This confirms compliance with the tablet view requirement.			

Test 5:

Test 5	**Access Website Through Required URL**			
	Test Objective: Verifies users are able to visit the website through https://buwebdev.github.io/todo/ (Requirement #10)	**Developer: Angela V** **Date tested:** 02/05/2026	**Peer tester:** **Date tested:** <yyyy/mm/dd>	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail** **+ Screenshot**
1	Open Website Browser	Page loads successfully	Yes	Yes
2	Enter https://buwebdev.github.io/todo/ in address bar	Page loads successfully	Yes	Yes
3	Verify all content within page	Todo list and input field are visible	Yes	Yes
4	Refresh the page	Page will reload successfully without any errors	Yes	Yes
5	Close and reopen browser and revisit URL	Application loads successfully again	Yes	Yes
Comments	The application successfully loads using the required URL. The page refreshed without issues and remained accessible after reopening the browser. This confirms compliance with the URL accessibility requirement.			

References

CSD 380 Todo Business Requirements. (2025). Bellevue University.

OpenAI. (2026). *ChatGPT* (February 5 version) [Large language model].
https://chat.openai.com/

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