

Test Report 16.05.2025

What did you test and how did you test it?

We tested the React framework on the TodoMVC website using the latest version of Chrome (136.0.7103.114) on a MacBook Air. We tested for just over one hour and used the following test cases below. These test cases include the steps to reproduce, the expected results and the actual results. We chose these test cases to match and ensure 100% coverage of the functional requirements of the product.

Findings and Recommendations

The website felt easy to use from a user perspective and it was very responsive. Making a list was easy and adding, removing and editing items was straightforward. All functionality working as expected, except for the reordering functionality. The test time was adequate and we would recommend one hour of testing for each framework. A bug report has been completed for the reorder functionality as that was not working during this test. Another bug report has been completed for the formatting issues of some special characters.

Our recommendation is for these two bugs to be fixed before launch and further testing to be completed focusing specifically on these fixes.

The following observations are nice to have:

- If an item/list is deleted by mistake, an undo button or a pop up to confirm the deletion would improve the user experience as the deleted items are not saved anywhere currently
- Enter button on the page available in addition to the enter key on a keyboard when adding or amending an item
- Toggle arrow does not feel intuitive from a user perspective - maybe a hover item with instructions over the toggle arrow would be useful for user experience
- Show the number of items completed on the completed tab, rather than just the items left to do
- Having a character limit might be useful so the to do list has shorter text which makes it easier to navigate

Bug Report - Special Characters Formatting Bug

Priority - Medium

Severity - Medium to High

Summary

Some special characters do not work as expected and formatting is changed.

Description- steps to reproduce

All other special characters tested worked as expected, except for: ' & and "

Type any word that contains an apostrophe, for example "you're" or "5 o'clock" into the todo list box

Type any word that contains an "&" symbol into the todo list box

Type any word with quotation marks into the todo list box, for example "hello"

Expected Result

Expect the apostrophe to show in the word, for example "you're"

Expect the & symbol to show in the todo list

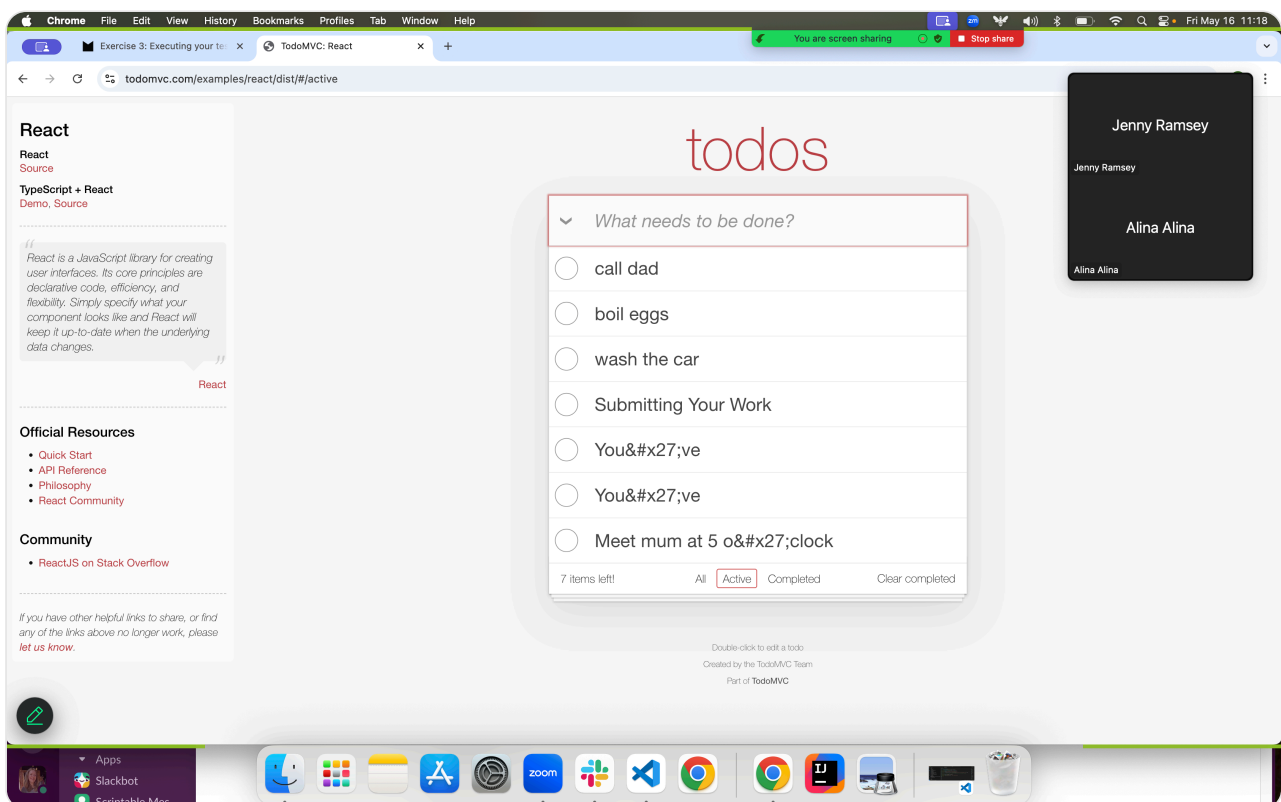
Expect the quotation marks to show around the word

Actual Result

"'" is shown for the apostrophe character

"&" is shown for the & symbol

""" is shown for the quotation marks



Bug Report - Reordering List Items Bug

Priority - High (to achieve 100% coverage)

Severity - Medium to High

Summary

Reordering list items is not possible.

Description- steps to reproduce

Click on an item and drag up or down the list to attempt to reorder the list

Expected Result

The item changed position in the list

Actual Result

No functionality of reordering, so not able to move the items. Tried with keyboard arrows, tab key and mouse.

Test Case Number	Test Case Information	Steps to Reproduce	Expected Result	Actual Result
TC01	Add a todo item with valid text	Type "buy milk" in search bar and press enter key on keyboard	Added "buy milk" to the to do list with 1 item left in status bar	As expected
TC02	Edit item text of todo item and save	Press the "buy milk" item with a double click and change to "buy milk and bread" then press enter	Edited item saved to the todo list	As expected Note: does not add and save the edit if clicking off without pressing enter
TC03	Mark individual todo item as complete then incomplete	Press the ticklist circle to mark as complete and then click the ticklist circle again to mark as incomplete	If item is marked as complete, item has a line strike through it and tick shown, with the status bar number reduced. Clicking the ticklist again removes the tick, removes the strike through and adds item back to the status bar number	As expected
TC04	Mark and unmark all todo items as complete then incomplete with toggle arrow	Add three items to the list, click the toggle arrow once. Click toggle arrow again	All the items are marked complete with line strike throughs, tick shown and status bar number reduced. When clicked again the items are marked as incomplete and status bar updates number of items left	As expected
TC05	Delete individual to do list item	Press the x button on the right hand side of the todo list item	Item disappears when the x button is clicked and status bar number updated	As expected
TC06	Filter to show: All, Active, Completed and verify that the	With 5 items added to the list and two marked as completed, press the "all", "active" and	All items show under "all" button, three items shown under the "active" button and	As expected

	list is correctly filtered based on state	“completed” buttons	two items marked as complete on “completed”. Status bar still shows 3 items left	
TC07	Verify that items added while in Active or Completed filter view behave correctly and are visible in the All view	Add an item while being on the completed or active tab	Items will be added to the all list and the active list, but not the completed tab	As expected
TC08	Mark multiple items as complete	Click ticklist circle on 3 items	Status log updated and completed list updated for all 3 items	As expected
TC09	Use "Clear completed" to remove them	Click on Clear completed	Items are cleared from the completed tab and number of items on the status bar is updated	As expected Note: If no items have been marked as complete, click on clear completed has no effect and nothing removed. If clear completed is clicked while on the all tab the completed items are removed from the list and do not show anywhere. There is no undo button to get the items back
TC10	Verify only completed items are removed	Click on Clear completed	Only the completed items are cleared and the number of items is updated in the status bar	As expected
TC11	Verify counter accuracy (0, 1, 2+ items left)	Click items to complete or incomplete, clear items and add items	Counter in the status bar updates the number accordingly	As expected Note: If all items are cleared, the status bar disappears, it doesn't say 0 items left
TC12	Ensure status bar hidden when no todos exist	Clear all items by clicking clear completed (you have to first complete all) or delete each item by clicking the x to the right of the item	Status bar disappears	As expected Note: Takes you back to the initial page to start a new list, status bar disappears and no undo button
TC13	Drag and drop to reorder todos and verify list order	Click on the item and then drag up or down the list to drop it somewhere else on the	Item should change position on the list and remain in the	Not as expected- bug report completed due to no drag

	updates and stays	list to reorder it	new position	functionality.
TC14	Input item with maximum character limit (e.g., 255 chars)	Type up a very long block of text, e.g. copied a full page of text from a website	Message to warn of a character limit or error message popping up	Not as expected - no bug report completed as not in the functionality requirements. Note: There seems to be no character limit, with either typed text or copied in text
TC15	Input item with single character	Add just one character to a todo list box and press enter	Message to warn of a minimum character limit or error message popping up	Not as expected- no bug report completed as not in the functionality requirements. Note: Nothing happens if you type just one character (number, symbol or letter - minimum number of characters needed is 2)
TC16	Input item special characters	Add any special characters e.g. !@£\$%&?"'";,:	Accept all special characters	Not as expected - bug report completed due to issues with &, ' and " which would affect user experience
TC17	White spaces behaviour	Add white spaces before adding a character or number or add white space after characters or numbers	Expected spaces to be allowed	Not as expected - no bug report completed as not in the functionality requirements. Note: Any whitespaces added before the first character is removed and does not count as a valid character (for the 2 character minimum limit). Rapid tapping the space bar changing the double space to a full stop is a Mac functionality, would need to check on Windows computer too. Any more than one white space between blocks of words or characters gets removed so there is

				only one white space between words
TC18	Attempt to add an empty todo item	Press the spacebar two times and press enter	Should not be allowed	As expected - no empty todo items are allowed