

Challenge Part 2 - Your Tests

Tests	Automation decision	Pyramid level	Notes
Add a todo item with valid text	Automate Now	Unit testing	If unit testing, it would be used a class as the method will be reused within some of the tests
Edit item text of todo item and save	Automate Later	Unit testing	This feels like a more complex automation challenge as would want to automate for some edge cases with the edit functionality
Mark individual todo item as complete then incomplete	Automate Later	Unit testing	Focusing on marking all items as complete first, before automating individual items
Mark and unmark all todo items as complete then incomplete with toggle arrow	Automate Now	Unit testing	Automating using the toggle arrow functionality - looking for a locator for that
Delete individual to do list item	Automate Now	Unit testing	Testing the x which is next to todo list items, could be unit tested with indexing
Filter to show: All, Active, Completed and verify that the list is correctly filtered based on state	Automate Now	Unit testing	Automating to show correct number of items on each filter, core functionality
Verify that items added while in Active or Completed filter view behave correctly and are visible in the All view	Automate Later	Unit testing	This seems more complex, leaving this until later on in the project

Mark multiple items as complete	Automate Now	Unit testing	This seems like a useful automation to create early on
Use "Clear completed" to remove them and verify only completed items are removed	Automate Now	Unit testing	Core functionality, using the locator for the clear completed button
Verify counter accuracy (0, 1, 2+ items left)	Automate Now	Unit testing	Good to know functionality is working correctly
Ensure status bar hidden when no todos exist	Automate Now	Unit testing	Seems like an easy feature to automate, check with screenshots
Drag and drop to reorder todos and verify list order updates and stays	Don't Automate	N/A	Functionality does not work, if it did we could check with indexing
Input item with maximum character limit (e.g., 255 chars)	Don't Automate	N/A	Currently not maximum character limit in the functionality. If there was a character limit set, then we would use unit testing
Input item with single character	Automate Now	Unit testing	Boundary testing that we can use unit testing to automate
Input item with special characters	Automate Later	Unit testing	Check for fails in test, some special characters are not working correctly so the assertion will not match and test will fail
White spaces behaviour	Automate Now	Unit testing	Check for fails in test, assertion with white spaces included before and after string, but test will fail
Attempt to add an empty todo item	Automate Now	Unit testing	Boundary testing that we can use unit testing to automate