Design test cases for the website - https://todomvc.com/examples/react/dist/ - for the To-Do functionality.

S.No	Functionality	Test Case ID	Test Case
1	Basic	TC01	Verify that a new to-do item can be added successfully
2	Basic	TC02	Check if an added to-do item appears correctly in the list.
3	Basic	TC03	Validate that a to-do item can be marked as completed.
4	Basic	TC04	Ensure a completed item stays marked even after a page refresh.
5	Basic	TC05	Confirm that a to-do item can be deleted.
6	Basic	TC06	Verify that an empty to-do cannot be added.
7	Advanced	TC07	Check if multiple to-dos can be added simultaneously.
8	Advanced	TC08	Validate that the counter for remaining tasks updates correctly.
9	Advanced	TC09	Ensure filtering options (Active, Completed, All) work properly.
10	Advanced	TC10	Verify bulk actions such as marking all as completed or clearing completed tasks.
11	Advanced	TC11	Check for persistence—whether to-do items remain after closing and reopening the browser.
12	Advanced	TC12	Ensure proper keyboard shortcuts (e.g., Enter key to add a new to-do).
13	Edge Case	TC13	Test very long to-do descriptions.
14	Edge Case	TC14	Verify handling of special characters or emojis in the to-do input.
15	Edge Case	TC15	Check behaviour when a user deletes all to-do items at once.
16	Edge Case	TC16	Test adding, deleting, and updating items in rapid succession.

Prioritize the test cases, rank them based on their importance, impact and urgency for the website
https://todomvc.com/examples/react/dist/ -

Prioritization of Test Cases

Rank	Test Case ID	Importance Level	Reason
1	TC01	Critical	Core functionality
2	TC02	High	Direct UI feedback
3	TC05	High	Essential interaction
4	TC09	High	Affects usability
5	TC10	Medium	Enhances efficiency
6	TC12	Medium	UX improvement
7	TC13	Low	Rare scenario
8	TC14	Low	Uncommon input

Identify which ones are best
suited for automation and explain why for the website https://todomvc.com/examples/react/dist/

Test Case ID	Functionality	Test Case
TC01	Adding a new to-do	Fundamental functionality that must work consistently.
TC03	Marking a task complete	Frequent use case and easy validation through UI automation.
TC05	Deleting an item	Simple scenario with predictable results.
TC09	Filter functionality	Can be tested via UI automation to verify the visibility of different lists.
TC10	Bulk actions	Useful for regression testing to ensure consistent behaviour.
TC13	Long text input	Ensures proper handling of data without manual intervention.