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| **Test Case ID** | |  | | --- | | **Test Description** | | |  | | --- | | **Preconditions** | |  | | |  |  |  | | --- | --- | --- | | |  | | --- | | **Steps to Execute** |  |  | | --- | |  | | | **Expected Result** | **Actual Result** |
| TC-001 | Add a new task | Browser open, app loaded | 1. Click on the input field.  2. Enter task name.  3. Press "Enter". | Task should appear in the task list. | Task added successfully. The task is visible in the list. |
| TC-002 | Edit an existing task | Task exists in the list | 1. Click on a task's edit button.  2. Modify task text.  3. Press "Enter". | Task text should be updated. | Task text updated successfully. After editing, the new task name is displayed. |
| TC-003 | Delete a task | Task exists in the list | 1. Click the delete button on a task. | Task is removed from the list. | Task deleted successfully. The task disappears from the list. |
| TC-004 | Add a task with special characters | App loaded | 1. Click on the input field.  2. Enter task with special characters.  3. Press "Enter". | Task is added correctly with special characters. | Task with special characters (!@#$%^&\*()) added successfully and displayed correctly. |
| TC-005 | Mark a task as complete | Task exists in the list | 1. Click the checkbox next to the task. | Task is marked as completed. | Task marked as complete. The task now has a strike-through and is moved to the "Completed" section. |
| TC-006 | Mark a task as incomplete | Task is marked complete | 1. Click the checkbox again next to the task. | Task should be marked as incomplete. | Task marked as incomplete. The task is moved back to the "Active" section and the strike-through is removed. |
| TC-007 | Filter tasks by "Active" | Multiple tasks added | 1. Add multiple tasks (some completed, some active).  2. Click "Active" filter. | Only active tasks should be shown. | Active tasks filtered correctly. Only tasks that are marked as incomplete are shown. |
| TC-008 | Filter tasks by "Completed" | Multiple tasks added | 1. Add multiple tasks (some completed, some active).  2. Click "Completed" filter. | Only completed tasks should be shown. | Completed tasks filtered correctly. Only tasks that are marked as completed are shown. |
| TC-009 | Check persistence of tasks | Tasks added before page reload | 1. Add a task.  2. Reload the page | Task should persist after page reload. | Task was not persistent. After reloading, the task disappeared |
| TC-010 | Check UI on mobile device | App open on mobile | 1. Open the TodoMVC website on a mobile device. | The UI should be responsive. | UI is responsive. The task list, input field, and buttons adapt to smaller screens. |