TodoMVC Automation Test Documentation

# 1. Test Plan

Purpose: Test the TodoMVC application functionality using Playwright + Allure.  
  
Environment:  
- OS: Windows  
- Browser: Chrome  
  
Scope:  
- Create, update, delete tasks  
- Filter tasks (All / Active / Completed)  
- Mark tasks as Completed / Active  
- Clear completed tasks  
- UI basic checks  
- Allure report integration  
  
Types of tests: Functional / Smoke / Regression

# 2. Test Cases

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Test Case | Steps | Expected Result | Priority |
| 1 | Add new task | 1. Open app 2. Enter task name 3. Press Enter | Task appears in list | High |
| 2 | Mark task as completed | 1. Create task 2. Click checkbox | Task shows as completed | High |
| 3 | Delete task | 1. Create task 2. Click delete button | Task disappears from list | High |
| 4 | Filter Active tasks | 1. Create multiple tasks (some completed) 2. Click 'Active' | Only active tasks displayed | Medium |
| 5 | Filter Completed tasks | 1. Create multiple tasks (some completed) 2. Click 'Completed' | Only completed tasks displayed | Medium |
| 6 | Clear completed tasks | 1. Complete one or more tasks 2. Click 'Clear Completed' | Completed tasks removed from list | Medium |
| 7 | Task persists after reload | 1. Create task 2. Reload page | Task still in list | High |

# 3. Acceptance Criteria

- Each added task appears in the list  
- Task can be marked as Completed and status persists after reload  
- Tasks can be deleted immediately  
- Filters show only matching tasks  
- Clear Completed removes all completed tasks  
- Allure reports show all test statuses

# 4. Test Coverage

✅ Add / Delete / Update task  
✅ Complete / Active toggle  
✅ Filtering (All / Active / Completed)  
✅ Clear Completed  
✅ Persistence after reload  
✅ Integration with Allure