Acceptance Tests and Acceptance Criteria

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| Acceptance Tests and Acceptance Criteria | Tuna Yılmaz, Ahmet Kaan Tırhış, Demir Doruk Dilek |

# 2. Acceptance Tests and Acceptance Criteria

Design and perform acceptance tests to ensure the project meets the functional and non-functional requirements for the four selected scenarios for the demo.  
Acceptance Criteria:  
1. Task Creation:  
 - Criteria: The user must be able to create a task by providing a task description and an optional deadline. The task should be added to the list of tasks and be visible in the UI.  
 - Test: The user inputs a task description and an optional deadline, clicks the 'Add Task' button, and the task is displayed in the task list with the correct details.  
  
2. Task Deletion:  
 - Criteria: The user must be able to delete a task by selecting it from the list and clicking the 'Delete' button. The task should be removed from the task list.  
 - Test: The user selects a task and clicks the 'Delete' button. The task is removed from the UI and no longer appears in the task list.  
  
3. Task Update:  
 - Criteria: The user must be able to update the description and tags of an existing task. Changes should be reflected in the task list immediately after updating.  
 - Test: The user selects a task, changes its description or tags, and clicks the 'Update' button. The task list is updated to reflect the changes.  
  
4. Task Completion:  
 - Criteria: The user must be able to mark a task as completed. The task should be visually marked as completed (e.g., with a checkbox or strikethrough), and it should not be shown in the active task list if filtered for incomplete tasks.  
 - Test: The user selects a task, clicks the 'Mark Completed' button, and the task is visually marked as completed (checked or crossed out). If filtered for incomplete tasks, the task disappears from the active list.

Acceptance Tests:  
1. Test for Task Creation:  
 - Acceptance Criteria: The user can create a task with a description and an optional deadline, and it will appear in the task list.  
 - Test Procedure:  
 • Click the 'Add Task' button.  
 • Input a task description (e.g., 'Buy groceries').   
 • Optionally set a deadline (e.g., '2025-03-26').  
 • Verify that the new task appears in the list with the correct description and deadline.  
 - Expected Outcome: The task is added to the task list with the description and deadline displayed correctly.  
  
2. Test for Task Deletion:  
 - Acceptance Criteria: The user can delete a selected task, and it is removed from the task list.  
 - Test Procedure:  
 • Select an existing task from the list.  
 • Click the 'Delete Task' button.  
 • Verify that the task is no longer visible in the list.  
 - Expected Outcome: The selected task is removed from the task list.  
  
3. Test for Task Update:  
 - Acceptance Criteria: The user can update a task's description and tags, and the changes are reflected in the task list.  
 - Test Procedure:  
 • Select a task from the list.  
 • Change the description (e.g., from 'Buy groceries' to 'Buy groceries and milk').  
 • Optionally, add or modify tags.  
 • Click the 'Update Task' button.  
 • Verify that the task is updated in the task list.  
 - Expected Outcome: The task in the task list is updated with the new description and tags.  
  
4. Test for Task Completion:  
 - Acceptance Criteria: The user can mark a task as completed, and it will be visually marked as completed in the task list.  
 - Test Procedure:  
 • Select an incomplete task.  
 • Click the 'Mark Completed' button.  
 • Verify that the task is visually marked as completed (e.g., checkbox checked or task crossed out).  
 • If filtering for incomplete tasks, verify that the completed task is no longer shown.  
 - Expected Outcome: The task is marked as completed in the UI, and it is excluded from the list of active tasks if applicable.

Explanation of How Each Test Corresponds to the Acceptance Criteria:  
1. Task Creation Test: This test ensures that the application allows the user to create tasks as per the acceptance criteria and adds the task to the list with the correct data.  
2. Task Deletion Test: Verifies that tasks can be deleted and removed from the task list, ensuring the system meets the functional requirement of task management.  
3. Task Update Test: Ensures the user can modify an existing task, reflecting changes immediately in the list.  
4. Task Completion Test: This test confirms that tasks can be marked as completed, with visual feedback provided, meeting the non-functional requirement of updating the task's status.