

A test plan is a detailed document that outlines test cases for a given software system. Test cases are the functionalities and/or features to test in a software system. A good test plan has the following properties:

Repeatable: able to be replicated by other developers on the team

Specific: descriptive steps to follow

Focused: Each test should only analyze one particular function of the system

Black box test plans are documents that use plain language for stakeholders to follow to verify the program. You must create a black box test plan with at least ten unique black box test cases with the required test case information (see a template in the Lecture Slides). If you are not implementing your project, you may leave the Actual Results column blank (but it must be present in the plan to receive full credit).

Test ID	Description	Expected Results	Actual Results
Adding a Task	Verify the system's capability to successfully add a new task.	The new task should be created and visible in the task list.	
Removing a Task	Confirm that the system can accurately remove a task upon user request.	The specified task should be deleted from the task list.	
Adding Priority to a new task	Test the system's ability to assign priority to a newly created task.	The priority level should be applied to the task, and it should be reflected in the task details.	
Adding Priority to an existing task	Validate the functionality of assigning priority to an already existing task.	The priority level of the selected task should be updated without affecting other task details.	
Making a task due date	Test the system's capability to assign a due date to a task.	The due date should be associated with the task, and it should be visible in the task details.	
Adding a category to a Task	Ensure the system allows users to	The task should be linked to the specified	

	categorize tasks appropriately.	category, and the category information should be displayed.	
Making a new category for Tasks	Confirm the system's ability to create a new category for tasks.	The new category should be successfully added, and tasks can be assigned to this category.	
Completing a task	Validate the system's functionality in marking a task as complete.	The completed task should be visually distinguished and marked as such in the task list.	
Check the sorting of tasks based on the due date	Verify that tasks are sorted correctly based on their due dates.	When clicking the calendar the tasks should be arranged in ascending order of due dates in the list.	
Test the reminder feature for tasks.	Ensure the system triggers reminders for tasks when they are due.	Users should receive reminders for tasks based on the set parameters, confirming the effectiveness of the reminder feature.	