

Test Plan

Task Manager Application



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Introduction

The objective of this test plan is to ascertain that the Task Manager application functions as intended, thereby providing users with efficient and user-friendly task management capabilities. This document delineates the testing strategy, scope, objectives, and specific test cases designed to verify the application's core functionalities, including task creation, editing, deletion, sorting, and filtering. The overarching aim is to identify any defects or issues prior to deployment, thereby ensuring a seamless user experience and dependable performance.

Objectives

- Validate that users can create, edit, and remove task lists and individual tasks.
- Ensure that sorting and filtering functionalities work correctly for task organization.
- Confirm that the application performs efficiently across different devices and platforms.

Scope

This test plan focuses on the following functionalities:

- Task List Management (Create, Edit, Remove)
- Task Management (Create, Edit, Remove)
- Sorting and Filtering of tasks

User Stories

Task List

Create

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Create a new list	Create a new list with a name.	The home page is updated with the new list.

Edit

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Edit a list	Edit the name of the list.	The home page is updated with the new name of the list.

Remove

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Remove a list	Remove a specific list.	The home page is updated without the removed list.

Task

Create

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	View a list	Select a list.	The page of the selected list opens.
3	Create a new task	Open an input page of the task.	The task is successfully created.
4	Save	Save the attributes of the task.	The list page is updated with the new task.

Edit

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	View a list	Select a list.	The page of the selected list opens.
3	View a task	Select a task.	The page of the selected task opens.
4	Edit Task	Modify the task's attributes (name, due date, priority, etc.).	Task attributes are successfully updated.
5	Save	Save the edited task.	The list page is updated with the edited task.

Remove

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	View a list	Select a list.	The page of the selected list opens.
3	View a task	Select a task.	The page of the selected task opens.
4	Remove a task	Remove the task from the list.	The task is successfully deleted and removed from the list.

Sorting

Sort a list (ASC)

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Sort by ASC order	Sort the lists in ASC order.	The names correctly sort lists.

Sort a list (DESC)

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Sort by DESC order	Sort the lists in DESC order.	The names correctly sort lists.

Sort a list of tasks (ASC)

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	View a list	Select a list.	The page of the selected list opens.
3	Sort by ASC order	Sort the tasks of a list in ASC order.	The names correctly sort tasks.

Sort a list of tasks (DESC)

Filtering

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	View a list	Select a list.	The page of the selected list opens.
3	Sort by DESC order	Sort the tasks of a list in DESC order.	The names correctly sort tasks.

Filter a list of tasks by date

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Filter by date	Filter the tasks based on the due date.	Tasks are correctly filtered by their due date.

Filter a list of tasks by priority

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Filter by priority	Filter the tasks based on the priority.	Tasks are correctly filtered by their priority.

Filter a list of tasks by status

Step	Title	Description	Expected Result
1	Start	Open the application.	The application starts running.
2	Filter by status	Filter the tasks based on the status.	Tasks are correctly filtered by their status.