

Test ID	Description	Expected Results	Actual Results
TestLoginCredentials	Preconditions: Username and password correspond to a valid account Steps: Open the app and navigate to the "login" button. Enter valid username and password Test inputs: username and password	User is able to login successfully and is granted access to their account. User is directed to the homepage of the app.	N/A
TestCreateTask	Preconditions: User is logged in. Steps: Click on the "New Task" button. Enter task description. Set a due date and time. Click "Save". Test inputs: Task description, due date, and time.	A new task is created with the provided details and is visible in the tasks list.	N/A
TestEditTask	Preconditions: User has at least one task created. Steps: Select an existing task. Click on the "Edit" button. Modify task details. Click "Save" after changes. Test inputs: Modified task description, due date, and time.	The selected task is updated with the new details provided.	N/A
TestCompleteTask	Preconditions: User has at least one uncompleted task. Steps: Click on the checkbox next to a task to mark it as completed. Test inputs: N/A	The task is marked as completed and moved to the completed tasks section.	N/A
TestDeleteTask	Preconditions: User has at least one task created. Steps: Select a task. Click on the "Delete" button. Test inputs: N/A	The selected task is deleted and no longer visible in the tasks list.	N/A
TestSearchTask	Preconditions: User has multiple tasks created. Steps: Use the search function to find a task. Enter keywords related to the task	Every task that matches the key word or the class is displayed	N/A

	<p>description or the class it is for</p> <p>Test inputs: Keywords/class name from task descriptions.</p>		
TestShareTask	<p>Preconditions: User1 is logged in and has at least one task created. User2 has an account</p> <p>Steps: Select a task from the task list. Click on the "Share" or "Invite" button. Enter the email address or username of the person to share the task with.</p> <p>Test inputs: Email address or username of the invitee.</p>	An invitation is sent to the specified user, and they can view or edit the task depending on the permissions granted.	N/A
TestEditSharedTask	<p>Preconditions: User has accepted a shared task and has edit permissions.</p> <p>Steps: Select the shared task from the task list. Click on the "Edit" button. Change task details such as description, due date, or difficulty. Save the changes.</p> <p>Test inputs: New task description, due date, or difficulty level.</p>	The changes are saved and the task is updated. All users with access to the shared task can see the edits made.	N/A
TestSortTasks	<p>Preconditions: User is logged in and has multiple tasks created with varying due dates and difficulty levels.</p> <p>Steps: Navigate to the task list. Click on the "Sort" button or option. Select to sort tasks first by due date. Apply a secondary sort by difficulty level</p> <p>Test inputs: Sort criteria - due date and difficulty level.</p>	Tasks are sorted in ascending order by due date. Where due dates are the same, tasks are then sorted by the specified difficulty level.	N/A
TestTaskNotification	<p>Preconditions: User has notifications set up on their account</p> <p>Steps: Create multiple tasks that have due dates in 1 week, 3 days, 1 day, 12 hour, 4 hours, 1 hour, 30 minutes, 10 minutes and 5 minutes.</p> <p>Test inputs: N/A</p>	User receives a notification(s) reminding them of the task due date and time.	N/A