

## TEST CASES AND EXECUTION

Requirement ID	Test Case ID	Test Module	Test Description	Test Steps	Test Data	Expected Results	Actual Results	Status
	ST-01	smoke testing	verify the the application loads without errors, all the UI components are present in the app.	1.open the app 2.verify the app loads without any issues 3.verify all the UI components are present in the app		system loads without any issues,all the ui components are present in the system.	as expected	pass
REQ-001	TC-001	Task creation	verify the application have a text input field and button to add task	1.open the app 2.check the text input field and button		text input field and button to add task are present in the app.	as expected	pass
REQ-002	TC-002	Task creation	verify a task can be added by entering a string in the input text field and clicking the 'add task' button	1.open the app 2.add a task in the input text field 3.enter the 'add to task' button	1.buy groceries	the task added and displayed in the list	as expected	pass
REQ-002	TC-003	Task creation	verify a task can be added by entering a string in the input text field and pressing the 'Enter' key	1.open the app 2.add a task in the input text field 3.press the enter key	1.buy groceries	the task added and visible in the list	as expected	pass
REQ-003	TC-004	Task creation	verify the system shows an error message when attempting to enter an empty task	1.open the app 2.make the input text field empty 3.press the enter key		the error message 'The task cannot be empty' is displayed and no task is added to the list	as expected	pass
REQ-003	TC-005	Task creation	verify the system shows an error message when attempting to enter white spaces only in the text input field	1.open the app 2.enter 2 whitespaces in the text input field press the enter key	1.enter 2 whitespaces	the error message 'The task cannot be empty' is displayed and no task is added to the list	as expected	pass
REQ-004	TC-006	Task creation	verify that upon successful task creation, the input field is cleared and ready for the next task	1.open the app 2.enter a task in the input field 3.press the enter key 4.check whether the input field is cleared or not	1.buy groceries	the input is cleared and ready for the next task	as expected	pass
REQ-005	TC-007	Task creation	verify that newly added tasks appears at the bottom of the list.	1.open the app 2.enter a task in the input field 3.press the enter key 4.add another task in the input field 5.check whether the newly added task appeared at the bottom of the list or not	1.buy groceries 2.learn programming	The newly added task appears at the bottom of the list	as expected	pass
REQ-002	TC-008	Task creation	Verify that a single letter task can be added to the list	1.open the app 2.enter a single letter in the input field 3.press enter key	1.a	the task added and displayed in the list	as expected	pass
REQ-002	TC-009	Task creation	Verify the task containing combination of letters, numbers and special symbols can be added to the list	1.open the app 2.enter combination of letters, numbers, special symbols in the input text field 3.press enter button	1.sdA345\$%#	the task added and displayed in the list	as expected	pass
REQ-002	TC-010	Test creation	verify long task can be submitted	1.open the app 2.type a long task 3.press the enter key	1.go to market,buy groceries,save money, save time, learn about programming, visit relatives	the input field can handle long task and the task is successfully submitted	as expected	pass
REQ-006	TC-011	Task management	verify each submitted task have a visible description in the list	1.open the app 2.add a task in the input field 3.press enter key 4.observe the list 5.add another task in the input field 6.press enter key 7.observe the list	1.buy groceries 2.buy books	the tasks submitted have a visible description in the list	as expected	pass
REQ-006	TC-012	Task management	verify a long task have a visible description in the list without causing any errors	1.open the app 2.add a long task in the input field 3.press enter key	1.type a task of 50 characters	The long task has a visible description in the list without having any errors	the task has visible description in the list but the description flows out of the task cell	fail
REQ-007	TC-013	Task management	verify that each task has a clickable area or button to mark it as complete in list	1.open the app 2.add a task in the task field 3.press the enter button 4.check there exist a clickable area or button in the list to mark the task as complete	1.buy groceries	there exist a button or clickable area in the list to mark a task as complete	there exist a clickable area to mark a task as complete	pass

REQ-007	TC-014	Task management	verify that when a task is completed, its text is visually styled.	1.open the app 2.add a task in the task field 3.press the enter button 4.click on the clickable area or button to mark the task as complete 5.check completed task text is visually styled or not	1.buy groceries	The text of completed task is visually styled when clicked on the clickable area or button(to mark the task as complete) in the list.	as expected	pass
REQ-008	TC-015	Task management	Verify there exist a delete button to delete a task in the list	1.open the app 2.add a task in the task field 3.press the enter button 4.check there exist a delete button for the task added in the list	1.buy groceries	there exist a a delete button for the added task In the list	as expected	pass
REQ-008	TC-016	Task management	verify that the added task can be deleted from the list	1.open the app 2.add a task in the input text field 3.press the enter button 4.click the delete button present in the task which need to be deleted	1.buy groceries	The task (which need to be deleted ) is successfully deleted from the list	as expected	pass
NFR-001	TC-017	Ui and usability testing	verify that the input field and the button are viewable easily and placed in correct order and position in the Ui	1.open the app 2.check the size and arrangement of the text input field and button		the button is placed after the input field and it is easily discoverable in the ui	as expected	pass
NFR-001	TC-018	Ui and usability testing	verify that the delete icon(trash bin) is present next to each task and it is fit correctly in the task cell.	1.open the app 2.add a task in input field 3.press the enter button 4.check the task list 5.check there exist a delete button(trash bin) for the task in the list. Check its size and position also.	1.buy groceries	the delete button is discoverable in the task cell in the list and it is next to the task text and fits in the cell	as expected	pass
NFR-001	TC-019	Ui and usability testing	Verify the visual styling of the completed task is correct and has an apt colour	1.open the app 2.add a task in input field 3.press the enter button 4.check the task list 5.click on the clickable area or button inside the task cell to mark it as complete 6.check the visual styling of the completed task	1.buy groceries	the visual styling of the completed task has an apt colour and it is easily distinguishable from the task list	as expected	pass
NFR-001	TC-020	Ui and usability testing	verify the error message for an invalid task submission is understandable and has a different colour	1.open the app 2.make the input text field empty 3.press the enter key 4.check the error message		the error message shown has a different colour and the sentence is easily understandable	as expected	pass
NFR-001	TC-021	Ui and usability testing	verify a large number of tasks can be aligned correctly in the task list without any ui issues	1.open the app 2.add a task in the input field 3.press enter key 4.add another task in the input field 5.press enter key 6.add another task in the input field 7.press enter key 8.add another task in the input field 9.press enter key 10.add another task in the input field 11.press enter key 12.add another task in the input field 13.press enter key 14.add another task in the input field 15.press enter key 16.add another task in the input field 17.press enter key 18.add another task in the input field 19.press enter key 20.add another task in the input field 21.press enter key	1.buy groceries 2.buy medicine 3.buy books 4.buy pencil 5.go to hospital 6.learn programming 7.wake up early 8.sleep early 9.read books 10.cooking	the tasks are aligned correctly in task list without causing any ui issues	as expected	pass
NFR-001	TC_022	Ui and usability testing	Verify the display time of error message is less than 5 sec	1.open the app 2.make the input field empty 3.press the enter button 4.observe the error message		The display time of error message is less than 5 sec.	the error message persists until a valid task submission or the page refresh	fail
OBS-001	TC-023	Task creation	Verify the input field is cleared after a whitespace only task is submitted	1.open the app 2. add a white spaces only in the input field 3.observe the input field		the error message 'The task cannot be empty' is displayed and the input field is cleared	the error message 'the task cannot be empty is displayed but input field is not cleared	fail
NFR-002	TC-024	Ui and usability testing	verify the tasks are removed permananently upon page refresh	1.open the app 2.enter a task in the input text field 3.press the enter button 4.add another task in the input field 5.press the enter button 6.refresh the page 7.check whether the task list is removed or not	1.buy groceries 2.buy medicine	The tasks in the task list are removed permanently upon page refresh	as expected	pass

## DEFECT LOG

Defect ID	Summary	Description	Steps To Reproduce	Expected Result	Actual Result	Detected Date	Detected by	Severity	Priority	Test Environment	Status	Assigned To	Test Case ID
DEF-001	The input field is not cleared after a white spaces only task submission	After a white space only task submission, the error message showed but the input field was not cleared. By clearing the input field after submission will enhance user experience	1.open the app 2. add a white spaces only in the input field 3.observe the input field	the error message 'The task cannot be empty' is displayed and the input field is cleared	the error message 'the task cannot be empty is displayed but input field is not cleared	09-09-2025	Mohammed Rasiq	Medium	Low	Brave browser	Assigned	Developer 1	TC-023
DEF-002	Long tasks are causing UI issues	when entered a 50 character long task in the input field and pressed the enter button, the task was submitted successfully and had a visible description in the list, but the task description flows out of the task cell.	1.open the app 2.add a long task(minimm 50 characters) in the input field 3.press enter key	The long task has a visible description in the list without having any errors	the task has visible description in the list but the description flows out of the task cell	09-09-2025	Mohammed Rasiq	Medium	Medium	Brave browser	Assigned	Developer 2	TC-012
DEF-003	The infinite displaying time of error message lacks the user experience	when an invalid task is entered, the error message showed. But it persists until a valid task is submitted or the page is refreshed. It lacks the user experience	1.open the app 2.make the input field empty 3.press the enter button 4.observe the error message	The display time of the error message is less than 5 sec.	the display time of error message persists until a valid task submission or the page refresh	09-09-2025	Mohammed Rasiq	Medium	Low	Brave browser	Assigned	Developer 3	TC-022