

# Traceability Report

Coverage	Test Cases	Test Execution Results	Issues
<span style="color: red;">X</span> TDL-2 <span style="border: 1px solid blue; padding: 2px;">DONE</span> 1 Create -> Application fails to handle todo items with very long text (>200 characters)	TDL-T8 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify application behaviour when user creates a todo with very long text (e.g. > 200 characters).	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 5:34 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-2 <span style="border: 1px solid blue; padding: 2px;">DONE</span> Create -> Application fails to handle todo items with very long text (>200 characters)
<span style="color: red;">X</span> TDL-3 <span style="border: 1px solid blue; padding: 2px;">DONE</span> 1 Create -> Application allows creation of duplicate todo items with identical names	TDL-T9 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify system behaviour when user creates duplicate todo names (same text as an existing todo).	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 5:35 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-3 <span style="border: 1px solid blue; padding: 2px;">DONE</span> Create -> Application allows creation of duplicate todo items with identical names
<span style="color: red;">X</span> TDL-4 <span style="border: 1px solid blue; padding: 2px;">DONE</span> 1 Read -> Newly created todo does not appear immediately in the list	TDL-T12 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify that newly created todos appear immediately in the list.	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 8:03 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-4 <span style="border: 1px solid blue; padding: 2px;">DONE</span> Read -> Newly created todo does not appear immediately in the list
<span style="color: red;">X</span> TDL-5 <span style="border: 1px solid blue; padding: 2px;">DONE</span> 1 Read -> Items counter does not correctly show the number of active todos left	TDL-T19 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify that the items counter correctly shows number of active todos left.	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 8:05 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-5 <span style="border: 1px solid blue; padding: 2px;">DONE</span> Read -> Items counter does not correctly show the number of active todos left
<span style="color: red;">X</span> TDL-6 <span style="border: 1px solid blue; padding: 2px;">DONE</span> 1 Read-> Scrolling does not work properly when the todo list becomes long	TDL-T21 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify that when list is long, the user can scroll and view all todos without UI breakage.	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 8:19 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-6 <span style="border: 1px solid blue; padding: 2px;">DONE</span> Read-> Scrolling does not work properly when the todo list becomes long
<span style="color: red;">X</span> TDL-7 <span style="border: 1px solid blue; padding: 2px;">DONE</span> 1 Read -> Items counter shows incorrect values and displays “-1 items left” when the list is empty	TDL-T20 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify that when there are no todos, the list area and counter behave correctly (e.g. “0 items left”, no rows).	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 8:19 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-7 <span style="border: 1px solid blue; padding: 2px;">DONE</span> Read -> Items counter shows incorrect values and displays “-1 items left” when the list is empty
<span style="color: red;">X</span> TDL-9 <span style="border: 1px solid blue; padding: 2px;">TO DO</span> 1 Delete ->Items counter does not update correctly after deleting a todo	TDL-T36 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify that deleting a todo updates the items counter correctly.	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 11:55 pm Environment: Chrome Executed by: Soumya Hegde	<span style="color: red;">X</span> TDL-9 <span style="border: 1px solid blue; padding: 2px;">TO DO</span> Delete ->Items counter does not update correctly after deleting a todo
<span style="color: red;">X</span> TDL-10 <span style="border: 1px solid blue; padding: 2px;">TO DO</span> 1 Delete -> Deleting the last todo causes items	TDL-T37 <span style="border: 1px solid green; padding: 2px;">APPROVED</span> Verify that deleting the last todo causes items	<span style="color: red;">FAIL</span> 1 Executed on: 19/Nov/25 11:55 pm	<span style="color: red;">X</span> TDL-10 <span style="border: 1px solid blue; padding: 2px;">TO DO</span> Delete -> Deleting the last todo causes items

Coverage	Test Cases	Test Execution Results	Issues
counter to display -1 items left instead of 0 items left	Verify that deleting the last remaining todo results in an empty list with "0 items left".	Environment: Chrome Executed by: Soumya Hegde	to display -1 items left instead of 0 items left
<b>X TDL-11 TO DO</b> Update -> Editing a todo to an empty string removes the existing todo instead of preventing or validating the input 1	<b>TDL-T24 APPROVED</b> 1 Verify that editing a todo to empty text is handled correctly (prevent or show validation).	<b>FAIL</b> 1 Executed on: 19/Nov/25 11:42 pm Environment: Chrome Executed by: Soumya Hegde	<b>X TDL-11 TO DO</b> Update -> Editing a todo to an empty string removes the existing todo instead of preventing or validating the input
<b>X TDL-12 TO DO</b> Update -> Editing a todo to a very long paragraph (200+ words) is accepted and causes UI/layout/performance issues 1	<b>TDL-T25 APPROVED</b> 1 Verify that editing a todo to very long text is handled properly without UI breaking.	<b>FAIL</b> 1 Executed on: 19/Nov/25 11:42 pm Environment: Chrome Executed by: Soumya Hegde	<b>X TDL-12 TO DO</b> Update -> Editing a todo to a very long paragraph (200+ words) is accepted and causes UI/layout/performance issues
<b>X TDL-13 TO DO</b> Update -> Items counter shows incorrect value (always -1 from actual count) when toggling todo status between Active and Completed 1	<b>TDL-T29 APPROVED</b> 1 Verify that the items counter updates correctly when status is changed from active → completed and vice versa.	<b>FAIL</b> 1 Executed on: 19/Nov/25 11:43 pm Environment: Chrome Executed by: Soumya Hegde	<b>X TDL-13 TO DO</b> Update -> Items counter shows incorrect value (always -1 from actual count) when toggling todo status between Active and Completed
<b>X TDL-14 IN PROGRESS</b> Update -> Success notification is not displayed after updating a todo item 1	<b>TDL-T23 APPROVED</b> 1 Verify that user can update the text of an existing todo and save it (Enter or click outside) and the updated text is displayed.	<b>FAIL</b> 1 Executed on: 19/Nov/25 11:44 pm Environment: Chrome Executed by: Soumya Hegde	<b>X TDL-14 IN PROGRESS</b> Update -> Success notification is not displayed after updating a todo item
No Coverage 29	<b>TDL-T1 APPROVED</b> 1 Verify that a new todo is created when user types text in the input box and presses Enter.	<b>PASS</b> 0 Executed on: 19/Nov/25 5:36 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T2 APPROVED</b> 1 Verify user can create the first todo when the list is empty.	<b>PASS</b> 0 Executed on: 19/Nov/25 5:38 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T3 APPROVED</b> 1 Verify user can create multiple todos one after another.	<b>PASS</b> 0 Executed on: 19/Nov/25 5:38 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T4 APPROVED</b>	<b>PASS</b> 0	None

Coverage	Test Cases	Test Execution Results	Issues
	Verify todo is created correctly when text has leading/trailing spaces (e.g. " Buy milk "). <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	Executed on: 19/Nov/25 5:36 pm Environment: Chrome Executed by: Soumya Hegde	
	TDL-T5 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify application behaviour when user tries to create a todo with an empty input and presses Enter. <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 5:35 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T6 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify user can create a todo with numbers and special characters in the text. <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 5:38 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T7 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify user can create a todo with emoji in the text. <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 5:37 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T10 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify that after a todo is created, the text box is cleared and focused for the next entry. <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 5:36 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T11 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify that all existing todos are displayed in the list when the page is opened. <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 8:02 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T13 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify that todo items are shown in the correct order (e.g. newest at the bottom/top – as per app behaviour). <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 8:13 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T14 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> Verify that completed todos are visually different (strike-through or faded) from active todos. <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 8:02 pm Environment: Chrome Executed by: Soumya Hegde	None
	TDL-T15 <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">APPROVED</span> <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px;">1</span>	PASS <span style="border: 1px solid green; border-radius: 50%; padding: 2px 5px;">0</span> Executed on: 19/Nov/25 8:05 pm	None

Coverage	Test Cases	Test Execution Results	Issues
	Verify that the "All" filter shows both active and completed todos.	Environment: Chrome Executed by: Soumya Hegde	
	<b>TDL-T16</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that the "Active" filter shows only todos that are not completed.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 8:04 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T17</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that the "Completed" filter shows only todos that are marked complete.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 8:05 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T18</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that switching between All / Active / Completed does not lose any todos.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 8:04 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T22</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that double-clicking on a todo enables edit mode for that todo.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 11:41 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T26</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that a completed todo can still be edited and the status (completed) is preserved after edit.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 11:29 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T27</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that clicking the checkbox/circle marks the todo as completed.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 11:40 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T28</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that clicking the checkbox again marks the todo back to active.	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 11:40 pm Environment: Chrome Executed by: Soumya Hegde	None

Coverage	Test Cases	Test Execution Results	Issues
	<b>TDL-T30</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that the toggle-all arrow marks all todos as completed when at least one is active.	<b>BLOCKED</b> 0 Executed on: 19/Nov/25 11:43 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T31</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that clicking toggle-all again marks all todos as active when all are completed.	<b>BLOCKED</b> 0 Executed on: 19/Nov/25 11:41 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T32</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that toggle-all behaviour is consistent from each filter view (All / Active / Completed).	<b>BLOCKED</b> 0 Executed on: 19/Nov/25 11:44 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T33</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that any updates (text change or status change) are retained after page refresh (if persistence is implemented).	<b>PASS</b> 0 Executed on: 19/Nov/25 11:32 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T34</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that user can delete a single todo item (via delete icon / control available in the row)	<b>BLOCKED</b> 0 Executed on: 19/Nov/25 11:58 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T35</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that deleting a todo removes it from the list immediately.	<b>PASS</b> 0 Executed on: 19/Nov/25 11:54 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T38</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that the "Clear" button removes all completed todos and keeps active ones.	<b>PASS</b> 0 Executed on: 19/Nov/25 11:57 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T39</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that when there are no completed todos, Clear button is disabled or has no effect.	<b>PASS</b> 0 Executed on: 19/Nov/25 11:59 pm Environment: Chrome Executed by: Soumya Hegde	None

Coverage	Test Cases	Test Execution Results	Issues
	<b>TDL-T40</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that todos deleted via Clear are removed from all filter views (All / Active / Completed).	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 11:58 pm Environment: Chrome Executed by: Soumya Hegde	None
	<b>TDL-T41</b> <span style="border: 1px solid green; padding: 2px;">APPROVED</span> 1 Verify that deleted todos do not reappear after page refresh (if persistence is used).	<span style="border: 1px solid green; padding: 2px;">PASS</span> 0 Executed on: 19/Nov/25 11:54 pm Environment: Chrome Executed by: Soumya Hegde	None

Displaying (13 of 13)