



Unit Test Log Oct 4

Note:

- This Unit Test Log is identical to the [Oct 4 Unit Test Changes on Frontend branch update \(Oct 3\)](#)
 - It is kept here in the Test Logs folder for clarity's sake
 - since it was a test log too, following formatted formal Unit Tests
-

Date: Oct 4, 2025

Tested by @Federico Ferracin

Test

Testing all components via **Unit Tests** from parent directory [Unit Test](#)

The test will assess all components from the most recent Backend branch update

- See [All Commit Summary](#) Commit [cell search feature works](#), [Added back missing symbols](#), [Search displays no results if none found](#), [No results found message appears in template search](#), [Comments for readability](#) on Frontend branch
-

Unit Test Results

```
1 ▶ Run npm run test:ci
2
3 > test:ci
4
5 > jest --ci --runInBand --reporters=default --reporters=jest-junit --coverage
6
7
8 PASS client/src/components/__tests__/MenuButton.test.jsx
9 PASS client/src/components/__tests__/TableSection.test.jsx
10 PASS client/src/components/__tests__/Sidebar.test.jsx
11 PASS client/src/components/__tests__/CustomTemplatesSection.test.jsx
12 PASS client/src/components/__tests__/BaseTemplatesSection.test.jsx
13 PASS client/src/components/__tests__/ExportButton.test.jsx
14 PASS client/src/components/__tests__/Square.test.jsx
15 PASS client/src/components/__tests__/UseScaleBlock.test.jsx
16 PASS client/src/components/__tests__/HorizontalSidebar.test.jsx
17 PASS client/src/components/__tests__/FilterSearchbar.test.jsx
18 PASS client/src/components/__tests__/DropdownTagInput.test.jsx
19 PASS client/src/components/__tests__/VerticalDropdown.test.jsx
20 PASS client/src/components/__tests__/Popup.test.jsx
21 PASS client/src/components/__tests__/TagInput.test.jsx
22 PASS client/src/components/__tests__/Menu.test.jsx
23 PASS client/src/components/__tests__/Star.test.jsx
24 PASS client/src/components/__tests__/Textbox.test.jsx
25 PASS client/src/components/__tests__/Dashboard.test.jsx
```

File	% Stats	% Branch	% Funcs	% Lines	Uncovered line #s
All files	58.6	47.52	60.44	52.29	
GLOBALS	100	100	100	100	
globals.jsx	100	100	100	100	
components	58.48	47.52	60.44	52.17	
BaseTemplatesSection.jsx	100	83.33	100	100	26
CustomTemplatesSection.jsx	26.92	35	33.33	29.78	29-55,61-80,86-106,144-146
Dashboard.jsx	100	100	100	100	
DropdownTagInput.jsx	100	66.66	100	100	5
ExportButton.jsx	28.65	17.74	46.66	22.89	18-141,154
FilterSearchBar.jsx	100	0	100	100	5
HorizontalSidebar.jsx	100	100	100	100	
Menu.jsx	100	100	100	100	
MenuButton.jsx	95.65	88.23	100	95.23	19
Popup.jsx	100	100	100	100	
Sidebar.jsx	92.85	100	87.5	92.85	63
Square.jsx	100	100	100	100	
Star.jsx	100	100	100	100	
TableSection.jsx	42.4	42.69	38	43.62	43,91-99,136-139,158-162,167-186,205-209,214-220,225-231,236-243,248-255,271-280,339-501
TagInput.jsx	100	100	100	100	
Textbox.jsx	100	100	100	100	
UseScaleBlock.jsx	95.45	50	66.66	95.45	44
VerticalDropdown.jsx	100	100	100	100	
Test Suites: 18 passed, 18 total					
Tests: 31 passed, 31 total					
Snapshots: 0 total					
Time: 6.236 s					
Ran all test suites.					

Square ✓

DropdownTagInput ✓

FilterSearchBar ✓

Menu ✓

Dashboard ✓

Star ✓

UseScaleBlock ✓

ExportButton ✓

Textbox ✓

MenuButton ✓

PopUp ✓

BaseTemplatesSection ✓

Sidebar ✓

VerticalDropdown ✓ ⓘ

ⓘ There is a new **expanded** feature brought into **VerticalDropdown** component
Added **useEffect** to update local open state whenever **expanded** changes

Current version of the test only checks toggling by clicking the header (it is still functional)

But it does not account for the new **expanded** prop behavior

New version of the test renders with **expanded={true}** → starts open (with children visible, ▲)

changing the **expanded** prop after re-rendering → component should react and update state

• Check:

- header shows provided title
- starts closed with icon ▼
- clicking header shows children and flips icon to ▲
- clicking it again hides the children and flips it back to ▼
- **NEW** respects **expanded** prop:
 - if **expanded={true}**, starting state is open, with children showing and ▲
 - if **expanded** changes, the component should change accordingly

• Tests 🛠️ :

- 1 toggles open/closed and flips icon
- 2 respects expanded prop and updates on prop change

• Code

- VerticalDropdown.txt → VerticalDropdownV2.txt

• To Run:

- 1 | npm test -- client/src/components/__tests__/VerticalDropdown.test.jsx

• All passed:

- ✓ toggles open/closed and flips icon
- ✓ respects expanded prop and updates on prop change

```
PS C:\Users\ferri\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_UseScale_APP> npm test -- client/src/components/__tests__/VerticalDropdown.test.jsx
> test
> jest client/src/components/__tests__/VerticalDropdown.test.jsx
PASS client/src/components/__tests__/VerticalDropdown.test.jsx
  VerticalDropdown
    ✓ toggles open/closed and flips icon (84 ms)
    ✓ respects expanded prop and updates on prop change (4 ms)
Test Suites: 1 passed, 1 total
Tests: 2 passed, 2 total
Snapshots: 0 total
Time: 2.002 s
Ran all test suites matching client/src/components/ tests /VerticalDropdown.test.jsx.
```

TagInput ✓

HorizontalSidebar ✓

CustomTemplatesSection ✓

TableSection ✓ i

i Missing symbols (icons) for the choices within MenuButton is added back, namely <Edit Title> and <make a copy>

Current version of the test does not account for the icons and labels correctly appearing.

New version of the test contains a new test case where the rendering of the props passed by MenuButton are checked and verified accordingly with **mocked versions** of the actual **.png images** that are passed in during <TableSection ... /> call

• Check

- renders initialTitle
- render all **8 headers**
 - General Learning or Assessment Tasks
 - AI Use Scale Level
 - Instruction to Students
 - Examples
 - AI Generated Content in Submission
 - AI Tools Used (version and link if available)
 - Purpose and Usage
 - Key Prompts Used (if any)
- displays row values (i.e. **task**)
- inline edits should trigger → onRowsChange(updatedRows) with changed task

-  Header `MenuButton` includes correct items with both label and **icon** props

• Tests :

- **1** renders title and headers | editing cells updates row data via `onRowsChange`
- **2** header `MenuButton` has correct items with label and `*icon*`



• Code

- `TableSection.txt` → `TableSectionV2.txt` (Sep 29, 2025)
- → `TableSectionV3.txt` (Oct 4, 2025)

• To Run:

- ```
1 | npm test -- client/src/components/__tests__/TableSection.test.jsx
```


## • All passed:

-  renders title and headers | editing cells updates row data via `onRowsChange`
-  header `MenuButton` has correct items with label and `*icon*`

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## Summary

- No failed tests
- But there is an update in the **VerticalDropdown.test.jsx**
  - new test case added to adhere to the changes made in code
    - new **expanded** prop added into the component
    - so new test checks if the **expanded** prop is respected
- Also an update in the **TableSection.test.jsx**
  - new test case added to check for the correct rendering of icons and labels
    - mocks the icons to check for the correct rendering
- **VerticalDropdown.test.jsx** the test file has now been UPDATED to match latest Backend branch update
  - `VerticalDropdownV2.txt`

- **TableSection.test.jsx** the **test file** has now been **UPDATED** to match latest Frontend branch update
  -  TableSectionV3.txt