



Unit Test Log Oct 13

Note:

- This Unit Test Log is identical to the [Oct 13 Unit Test Changes on Frontend/Backend branch update \(Oct 13\)](#)
 - 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 13, 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
-

Unit Test Results

File	%Stmts	%Branch	%Funcs	%Lines	Uncovered Line #s
All files	43.36	40.62	50.9	45.42	
GLOBALs	100	100	100	100	
Globals.jsx	100	100	100	100	
components	42.34	44.37	52.79	43.71	
BaseTemplateSection.jsx	38.33	41.66	35	41.07	51-70,75-103,108-109,119,144,171-226
CustomTemplateSection.jsx	31.81	26.92	35	35	42-69,75-96,102-122,141-152,202-212
Dashboard.jsx	100	100	100	100	
DropdownTagInput.jsx	100	66.66	100	100	7
ExportButton.jsx	20.65	17.74	46.66	22.09	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	37.93	38.73	34.48	38.65	50,61,110-118,164-167,172,192-196,201-223,229-258,264-286,305-309,314-320,325-331,336-343,348-355,372-395,406-432,488-673
TagInput.jsx	100	88.88	100	100	6
Textbox.jsx	100	100	100	100	
useScaleClock.jsx	8.33	44.44	25	8.33	19-48,63-64
VerticalDropdown.jsx	100	100	100	100	
templates	46.19	24.35	45.9	50.64	
Login.jsx	76.47	62.5	40	76.47	29-131
MainTemplate.jsx	93.33	100	90.9	93.33	50
useScalePage.jsx	37.41	26	35.55	41.8	48-80,89-91,99-106,113-195,210,234,246,308-407

```
2061 Test Suites: 4 failed, 17 passed, 21 total
2062 Tests:       6 failed, 35 passed, 41 total
2063 Snapshots:   0 total
2064 Time:        8.148 s
2065 Ran all test suites.
2066 Error: Process completed with exit code 1.
```

Square ✓

DropdownTagInput ✗

- ⓘ New version of DropdownTagInput.jsx code has passed in onChange and always calls it but it was never passed into the test

Current version does not have onChange, so its marked as undefined

New version takes onChange into consideration. onChange is passed in, and also expected to be triggered by user selection.

- **Check:**

- starts as a `select` with "" placeholder (empty)
- selecting an option turns it into a tag with (x) clear button
- clicking (x) clears and returns to the `select` with placeholder

- **Tests 🖊:**

- ① select → tag → clear → back to select

- **Code**

- `DropdownTagInput.txt` → `DropdownTagInputV2.txt` (Oct 13, 2025)

- **To Run:**

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

- **All Passed:**

- ✓ select → tag → clear → back to select

```

PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usyscale_APP> npm test -- client/src/components/_tests_/DropdownTagInput.test.jsx

> test
> jest client/src/components/_tests_/DropdownTagInput.test.jsx

PASS  client/src/components/_tests_/DropdownTagInput.test.jsx
  DropdownTagInput
    ✓ select → tag → clear → back to select (108 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.609 s
Ran all test suites matching client/src/components/_tests_/DropdownTagInput.test.jsx.

```

FilterSearchBar

Menu

Dashboard

Star

UseScaleBlock

In commit [Triple dot to edit scales display only for admins](#)

- Full SHA: 4140c691c32504c28a63cddb72463321b205687e

```

48   -   <div
49   -     className="use-scale-block"
50   -     onClick={onClick}
51   -     role="button"
52   -     draggable={draggable}
53   -     onDragStart={handleDragStart}
54   -     {...rest}
55   -   >
56
57 +   <div className="use-scale-block" onClick={onClick} draggable={draggable} onDragStart={handleDragStart} {...rest}>

```

the role="button" property in the UseScaleBlock <div> was removed

causing the test to not work due to being unable to find the corresponding <div>

New test to respect the **isAdmin** check to allow editing rights (edit icon visible to admins only)

Added role="button" back into the "use-scale-block" <div> in UseScaleBlock.jsx

New version includes a new test to ensure the **isAdmin** prop is being respected, and that the edit icon appears only for Admin users

- **Check:**

- shows level, label with `labelBg`
- root has `role="button"` and `draggable` prop
- `dragstart` stores JSON `{ level, label, entry_type_id }` under `application/json`
- **NEW** `UseScaleBlock` edit icon should only appear for admin user | and clicking the icon should only call `onEditClick` and NOT the parent `onClick`

- **Tests** 📋 :

- ① renders level & label and is draggable by default
- ② respects `draggable={false}`
- ③ `dragstart` sets JSON payload
- **NEW** ④ renders edit icon for admin users | triggers `onEditClick` without misfiring parent `onClick`
- **NEW** ⑤ does not render edit icon for subject coordinator users

- **Code**

- `UseScaleBlock.txt` → `UseScaleBlockV2.txt` (Oct 13, 2025)

- **To Run:**

- 1 | `npm test -- client/src/components/_tests_/UseScaleBlock.test.jsx` |

- **All passed:**

- ✓ renders level & label and is draggable by default
- ✓ respects `draggable={false}`
- ✓ `dragstart` sets JSON payload
- **NEW** ✓ renders edit icon for admin users | triggers `onEditClick` without misfiring parent `onClick`
- **NEW** ✓ does not render edit icon for subject coordinator users

```

PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usescale_APP> npm test -- client/src/components/_tests__/UseScaleBlock.test.jsx

> test
> jest client/src/components/_tests__/UseScaleBlock.test.jsx

PASS  client/src/components/_tests__/UseScaleBlock.test.jsx
  UseScaleBlock
    ✓ renders level & label and is draggable by default (58 ms)
    ✓ respects draggable={false} (8 ms)
    ✓ dragstart sets JSON payload with level, label, entry_type_id (10 ms)
    ✓ renders edit icon for admin users | triggers onEditClick without misfiring parent onClick (58 ms)
    ✓ does not render edit icon for subject coordinator users (3 ms)

Test Suites: 1 passed, 1 total
Tests:       5 passed, 5 total
Snapshots:   0 total
Time:        1.886 s
Ran all test suites matching client/src/components/_tests__/UseScaleBlock.test.jsx.

```

ExportButton

Textbox

MenuButton

PopUp

BaseTemplatesSection

Sidebar

VerticalDropdown

TagInput

New version of TagInput.jsx code has passed in onChange but it was never passed into the test

Current version does not have onChange, so its marked as undefined

New version takes onChange into consideration. onChange is passed in, and also expected to be triggered by each key the user presses to type in.

- **Check:**

- shows an input for tags
- enter adds a tag
- onChange triggered on add/remove
- remove deletes the tag

- **Tests** :

- ① adds a tag on Enter and removes it via remove button

- **Code**

- TagInput.txt → TagInputV2.txt (Oct 13, 2025)

- **To Run:**

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

- **All passed:**

- ✓ adds a tag on Enter and removes it via remove button

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP> npm test -- client/src/components/__tests__/TagInput.te
st.jsx
> test
> jest client/src/components/__tests__/_/TagInput.test.jsx
PASS  client/src/components/__tests__/_/TagInput.test.jsx
  TagInput
    ✓ adds a tag on Enter and removes it via  remove button (141 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.582 s
Ran all test suites matching client/src/components/__tests__/_/TagInput.test.jsx.
```

HorizontalSidebar

CustomTemplatesSection

- ⓘ The template search is now dependent on Backend fetch response (JSON)

Instead of being searched on the Frontend directly

Hence in the new version of the test, we mock the Backend fetch

Current version of the test simulates the search directly via the Frontend, just like the previous CustomTemplatesSection

New version of the test now mocks the Backend fetches and the responses and aims to test the components viability and workflow as a whole.

- **Check**

- renders provided templates (custom templates)
- clicking a template calls `onTemplateClick(id, title, subject_id)`
- search input filters by title

- **Tests 🖊 :**

- ➊ renders templates, clicking a square calls `onTemplateClick` passed by parent, search filters by title

- **Code**

- [CustomTemplatesSection.txt](#) → [CustomTemplatesSectionV2.txt](#) (Oct 13, 2025)

- **To Run:**

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

- **All passed:**

- ✅ renders templates, clicking a square calls `onTemplateClick` passed by parent, search filters by title

```
PS C:\Users\terfa\Documents\Federico\Uni\Meib\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_UseScale_APP> npm test -- client/src/components/__tests__/CustomTemplatesSection.test.jsx
  CustomTemplatesSection
    ✓ renders templates, clicking a square calls onTemplateClick passed by parent, search filters by title (153 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:   0 total
Time:        1.723 s
Ran all test suites matching client/src/components/__tests__/CustomTemplatesSection.test.jsx.
```

Summary

- 4 failed test suites (UseScaleBlock, CustomTemplatesSection, TagInput, DropdownTagInput)
- 6 failed tests
- All of which are now fixed
 - The test files have been updated accordingly to the changes in component code
- There are 2 new tests in **UseScaleBlock.test.jsx**
- **UseScaleBlock.jsx** the component has been changed
 - added role="button" to the UseScaleBlock <div>
- **UseScaleBlock.test.jsx** the test file has now been **UPDATED** to match latest Frontend and Backend branch updates AND **2 new tests** were added
 -  UseScaleBlockV2.txt
- **CustomTemplatesSection.test.jsx** the test file has now been **UPDATED** to match latest Frontend and Backend branch updates
 -  CustomTemplatesSectionV2.txt
- **TagInput.test.jsx** the test file has now been **UPDATED** to match latest Frontend and Backend branch updates
 -  TagInputV2.txt
- **DropdownTagInput.test.jsx** the test file has now been **UPDATED** to match latest Frontend and Backend branch updates
 -  DropdownTagInputV2.txt