Oct 13 Unit Test Changes on Frontend/Backend branch update (Oct 13)

Date: Oct 13, 2025

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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

Square ✅

DropdownTagInput ❌

> ℹ️ 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 (×) clear button
  - clicking (×) clears and returns to the select with placeholder

- **Tests** 🧪 :
  - 1️⃣ select → tag → clear → back to select

- **Code**
  - 💠 DropdownTagInput.txt → 💠 DropdownTagInputV2.txt (Oct 13, 2025)

- **To Run:**
  - ```
    npm test -- client/src/components/__tests__/DropdownTagInput.test.jsx
    ```

- **All Passed:**
  - ✅ select → tag → clear → back to select

FilterSearchBar ✅

Menu ✅

Dashboard ✅

Star ✅

UseScaleBlock ❌

> ℹ️ 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    -    >
>       51   +    <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

- ▣ 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
  - ▣ ④ renders edit icon for admin users │ triggers onEditClick without misfiring parent onClick
  - ▣ 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
  - ▣ ✅ renders edit icon for admin users │ triggers onEditClick without misfiring parent onClick
  - ▣ ✅ does not render edit icon for subject coordinator users

ExportButton ✅

Textbox ✅

MenuButton ✅

PopUp ✅

BaseTemplatesSection ✅

Sidebar ✅

VerticalDropdown ✅

TagInput ❌

> ℹ️ 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** 🧪 :
  - 1️⃣ 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\secondo\AI_Usescale_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 ❌

> ℹ️ 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** 🧪 :

- ① 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

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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