

Sept 29 Unit Tests on Dev branch update

Date: Sep 29, 2025

Tested by @Federico Ferracin

Test

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

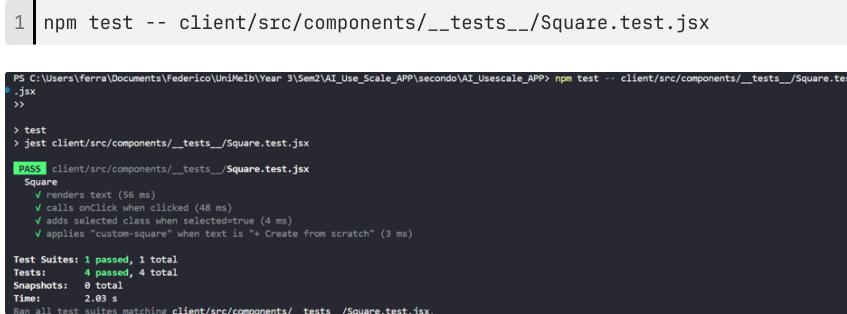
The test will assess all components from the most recent Dev branch update

- See [All Commit Summary](#) Commits 120 and 121
-

Unit Test Results

Square 

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



PS C:\Users\Ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usescale_APP> npm test -- client/src/components/_tests_/Square.test.jsx
>
> test
> jest client/src/components/_tests_/Square.test.jsx
PASS client/src/components/_tests_/Square.test.jsx
 Square
 ✓ renders text (56 ms)
 ✓ calls onclick when clicked (48 ms)
 ✓ adds selected class when selected=true (4 ms)
 ✓ applies "custom-square" when text is "+ Create from scratch" (3 ms)

Test Suites: 1 passed, 1 total
Tests: 4 passed, 4 total
Snapshots: 0 total
Time: 2.03 s
Ran all test suites matching client/src/components/_tests_/Square.test.jsx.

DropdownTagInput 

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



PS C:\Users\Ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usescale_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 (126 ms)

Test Suites: 1 passed, 1 total
Tests: 1 passed, 1 total
Snapshots: 0 total
Time: 2.102 s
Ran all test suites matching client/src/components/_tests_/DropdownTagInput.test.jsx.

FilterSearchBar 

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

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

> test
> jest client/src/components/__tests__/#FilterSearchBar.test.jsx

PASS  client/src/components/__tests__/#FilterSearchBar.test.jsx
  FilterSearchBar
    ✓ emits filter changes and search text (110 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.997 s
Ran all test suites matching client/src/components/__tests__/#FilterSearchBar.test.jsx.
```

Menu

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

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

> test
> jest client/src/components/__tests__/_Menu.test.jsx

PASS  client/src/components/__tests__/_Menu.test.jsx
  DropdownMenu
    ✓ clicking an item triggers its handler and onClose (90 ms)
    ✓ renders multiple items (6 ms)

Test Suites: 1 passed, 1 total
Tests:       2 passed, 2 total
Snapshots:  0 total
Time:        1.992 s
Ran all test suites matching client/src/components/__tests__/_Menu.test.jsx.
```

Dashboard

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

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

> test
> jest client/src/components/__tests__/_Dashboard.test.jsx

PASS  client/src/components/__tests__/_Dashboard.test.jsx
  ✓ renders children (25 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.851 s
Ran all test suites matching client/src/components/__tests__/_Dashboard.test.jsx.
```

Star

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

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

> test
> jest client/src/components/__tests__/_Star.test.jsx

PASS  client/src/components/__tests__/_Star.test.jsx
  StarToggle
    ✓ toggles star on click (97 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.768 s, estimated 2 s
Ran all test suites matching client/src/components/__tests__/_Star.test.jsx.
```

UseScaleBlock

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

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 (50 ms)
    ✓ respects draggable(false) (12 ms)
    ✓ dragstart sets JSON payload with level, label, entry_type_id (12 ms)

Test Suites: 1 passed, 1 total
Tests:       3 passed, 3 total
Snapshots:  0 total
Time:        1.754 s, estimated 2 s
Ran all test suites matching client/src/components/__tests__/_UseScaleBlock.test.jsx.
```

ExportButton ✓

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

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/ExportButton.test.jsx

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

PASS  client/src/components/_tests_/ExportButton.test.jsx
  ExportButton (UI only, actual export not tested "manual")
    ✓ opens popup and toggles Download enabled/disabled based on checkbox selections (142 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        2.272 s
Ran all test suites matching client/src/components/_tests_/ExportButton.test.jsx.
```

Textbox ✓

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

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/Textbox.test.jsx

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

PASS  client/src/components/_tests_/Textbox.test.jsx
  TextBox
    ✓ renders and emits onChange while typing (104 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        2.075 s
Ran all test suites matching client/src/components/_tests_/Textbox.test.jsx.
```

MenuButton ✓

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

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/MenuButton.test.jsx

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

PASS  client/src/components/_tests_/MenuButton.test.jsx
  MenuButton
    ✓ opens menu and triggers actions: Add Row Above (114 ms)
    ✓ opens menu and triggers actions: Add Row Below (37 ms)
    ✓ opens menu and triggers actions: Delete Row (30 ms)
    ✓ opens menu and triggers actions: Duplicate Row (30 ms)

Test Suites: 1 passed, 1 total
Tests:       4 passed, 4 total
Snapshots:  0 total
Time:        2.784 s
Ran all test suites matching client/src/components/_tests_/MenuButton.test.jsx.
```

PopUp ✓

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

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/PopUp.test.jsx

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

PASS  client/src/components/_tests_/PopUp.test.jsx
  PopUp
    ✓ renders content (title, message, subtitle, icon) and closes via onClose (94 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.813 s, estimated 2 s
Ran all test suites matching client/src/components/_tests_/PopUp.test.jsx.
```

BaseTemplatesSection ✓

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

```

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

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

PASS  client/src/components/_tests_/BaseTemplatesSection.test.jsx
  BaseTemplatesSection
    ✓ renders tiles and triggers first/last clicks (152 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        2.161 s
Ran all test suites matching client/src/components/_tests_/BaseTemplatesSection.test.jsx.

```

Sidebar



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

```

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

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

PASS  client/src/components/_tests_/Sidebar.test.jsx
  Sidebar
    ✓ Profile opens the Profile Popup (93 ms)
    ✓ Notifications opens the Notifications Popup (21 ms)
    ✓ Settings opens the Settings Popup (17 ms)
    ✓ Folder navigates to /main (18 ms)
    ✓ LogOut calls onLogout and navigates to /login (disables backstep without relogin) (19 ms)

Test Suites: 1 passed, 1 total
Tests:       5 passed, 5 total
Snapshots:  0 total
Time:        2.234 s, estimated 4 s
Ran all test suites matching client/src/components/_tests_/Sidebar.test.jsx.

```

VerticalDropdown



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

```

PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\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 (97 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.88 s, estimated 2 s
Ran all test suites matching client/src/components/_tests_/VerticalDropdown.test.jsx.

```

TagInput



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

```

PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/TagInput.test.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 (157 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        1.973 s, estimated 2 s
Ran all test suites matching client/src/components/_tests_/TagInput.test.jsx.

```

HorizontalSidebar



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

```

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

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

PASS  client/src/components/_tests_/HorizontalSidebar.test.jsx
  HorizontalSidebar
    ✓ closed -> open toggle | open renders children on top and middle (138 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        2.153 s
Ran all test suites matching client/src/components/_tests_/HorizontalSidebar.test.jsx.

```

CustomTemplatesSection ✓

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

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/CustomTemplatesSection.test.jsx  
> test  
> jest client/src/components/_tests_/CustomTemplatesSection.test.jsx  
  PASS  client/src/components/_tests_/CustomTemplatesSection.test.jsx  
    CustomTemplatesSection  
      ✓ renders templates, clicking a square calls onTemplateClick passed by parent, search filters by title (175 ms)  
  
Test Suites: 1 passed, 1 total  
Tests:       1 passed, 1 total  
Snapshots:  0 total  
Time:        2.352 s  
Ran all test suites matching client/src/components/_tests_/CustomTemplatesSection.test.jsx.
```

TableSection ✗ ➔ ✓

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

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\seconde\AI_Usescale_APP> npm test -- client/src/components/_tests_/TableSection.test.jsx  
> test  
> jest client/src/components/_tests_/TableSection.test.jsx  
  FAIL  client/src/components/_tests_/TableSection.test.jsx  
    TableSection (UI + edit flow)  
      ✓ renders title + ALL headers; editing 'task' updates rows via onRowsChange (136 ms)  
      • TableSection (UI + edit flow) > renders title + ALL headers; editing 'task' updates rows via onRowsChange  
        TestinglibraryElementError: Unable to find an element with the text: /initial task/i. This could be because the text is broken up by multiple elements.  
        In this case, you can provide a function for your text matcher to make your matcher more flexible.  
  
        Ignored nodes: comments, script, style  
        <tr  
          <td  
            <div  
              class="table-section-td cell-with-menu"  
            >  
              <div  
                class="editable-cell"  
                style="cursor: text;"  
              >  
                <span  
                  class="editable-placeholder"  
                >  
                  Click to edit  
                </span>  
              </div>  
              <div  
                data-testid="menu-button"  
              >  
            </td>  
            <td  
              class="table-section-td cell-with-menu"  
              style="background-color: rgb(255, 179, 179);"  
            >  
              <span>  
                NO AI  
              </span>  
            <div  
              data-testid="menu-button"  
            >  
            </td>  
          <td  
            class="table-section-td"  
          >  
            <div  
              class="editable-cell"  
              style="cursor: text;"  
            >  
              Initial Instruction  
            </div>  
          <td  
            class="table-section-td"  
          >  
            <div  
              class="editable-cell grayed"  
              title="Uneditable for NO-AI rows"  
            >  
              Not Applicable  
            </div>  
          <td  
            class="table-section-td"  
          >  
            <div  
              class="editable-cell grayed"  
              title="Uneditable for NO-AI rows"  
            >  
              Not Applicable  
            </div>  
          <td  
            class="table-section-td"  
          >  
            <div  
              class="editable-cell grayed"  
              title="Uneditable for NO-AI rows"  
            >  
              Not Applicable  
            </div>
```

```

    > Not Applicable
  </div>
</td>
<td>
  <div class="table-section-td">
    <div class="editable-cell grayed" title="Uneditable for NO-AI rows">
      <div>Not Applicable</div>
    </div>
  </div>
</td>
</tr>

101 |   // scope to row instead of whole screen to avoid multiple textboxes
102 |   const firstDataRow = screen.getAllByRole("row")[1]; // [0] is header
103 |   const taskCellDisplay = within(firstDataRow).getByText(/initial task/);
104 |   expect(taskCellDisplay).toBeInTheDocument();
105 |
106 |   // click -> editable -> type -> commit

at Object.getElementError (node_modules/@testing-library/dom/dist/config.js:37:19)
at node_modules/@testing-library/dom/dist/query-helpers.js:76:58
at node_modules/@testing-library/dom/dist/query-helpers.js:52:17
at node_modules/@testing-library/dom/dist/query-helpers.js:99:19
at Object.getText (client/src/components/_tests_/TableSection.test.jsx:103:50)

Test Suites: 1 failed, 1 total
Tests:       1 failed, 1 total
Snapshots:  0 total
Time:        2.111 s
Ran all test suites matching client/src/components/_tests_/TableSection.test.jsx.

```



Fix:

- Backend commit [made task column data remain upon scale cell drag and drop and added it to database so task data is saved](#) changed task → assessment_task
 - 93f9cfdf9642d7bbf2d31f30715bb4817396e86a
- Changed occurrences in TableSection.test.jsx to match latest code

New Code:

- [TableSectionV2.txt](#)

New Output:

```

PS C:\Users\feral\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usescale_APP> npm test -- client/src/components/_tests_/TableSectionV2.txt
n.test.jsx

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

PASS  client/src/components/_tests_/TableSection.test.jsx
  TableSection (UI + edit flow)
    ✓ renders title + ALL headers; editing 'task' updates rows via onRowsChange (199 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        2.164 s
Ran all test suites matching client/src/components/_tests_/TableSection.test.jsx.

```



Summary

- One problem occurred in **TableSection.jsx** and its respective test file **TableSection.test.jsx**
 - was due to change of field name “task” → “assessment_task” in **TableSection.jsx**
- TableSection.test.jsx** the **test file** has now been **UPDATED** to match latest Dev branch notation
 - [TableSectionV2.txt](#)

- All in all
 -
 - Unit Tests completed
 - All successful, nothing broke