

Oct 25 Unit Test Changes on Frontend branch update

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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 Frontend branch update

- See [All Commit Summary](#) Commit

Main goal is to create new Unit Tests for two new components added in Frontend Branch update

Unit Test Results

File	% Stats	% Branch	% Funcs	% Lines	Uncovered Line #s
All files	47.31	43.34	46.26	48.64	
GLOBALs	100	100	100	100	
Globals.jsx	100	100	100	100	
components	47.64	46.04	47.47	48.75	
BaseTemplatesSection.jsx	39.13	43.24	25.92	40.9	37,46,68-91,100-129,134-135,145,170,197-273
CustomTemplatesSection.jsx	39.74	36	27.58	42.46	45,54,64,68-93,99-122,132-155,182-186,236-280
Dashboard.jsx	100	100	100	100	
DropdownTagInput.jsx	100	66.66	100	100	7
ExportButton.jsx	22.1	17.46	43.75	23.59	20,24-147,160
FilterSearchBar.jsx	100	0	100	100	5
HorizontalSidebar.jsx	100	100	100	100	
Menu.jsx	100	100	100	100	
MenuItem.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	39.91	42.3	30.55	39.81	53,64,113-121,165,175,192-205,217-220,225,245,249-256,261-282,288-305,313-334,354-358,363-369,374-380,385-388,394-401,418-441,452-478,534-769

```
154
155  Test Suites: 21 passed, 21 total
156  Tests:      43 passed, 43 total
157  Snapshots:  0 total
158  Time:       8.084 s
159  Ran all test suites.
```

Square ✓

DropdownTagInput ✓

FilterSearchBar ✓

Menu ✓

Dashboard ✓

Star ✓

UseScaleBlock ✓

ExportButton ✓

Textbox ✓

MenuButton ✓

PopUp ✓

BaseTemplatesSection ✓

Sidebar ✓

VerticalDropdown ✓

HorizontalSidebar ✓

CustomTemplatesSection ✓

 WindowsInput

• **Check:**

- Renders only when show is true
- Displays title, placeholder, and buttons
- `onSubmit` triggered by Enter key or OK button
- `onCancel` triggered by Escape key or Cancel button
- Resets input to new value when reopened

• **Tests :**

- ① does not render when show=false
- ② renders correctly when show=true, and displays title, placeholder, buttons

- ③ calls onSubmit with input value when pressing Enter
- ④ calls onCancel when pressing Escape
- ⑤ calls onSubmit with updated value when clicking OK button
- ⑥ calls onCancel when clicking Cancel button
- ⑦ resets to new value when reopened

- **Code**

- [WindowsInput.txt](#)

- **To Run:**

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

- **All passed:**

- ✓ does not render when show=false
- ✓ renders correctly when show=true, and displays title, placeholder, buttons
- ✓ calls onSubmit with input value when pressing Enter
- ✓ calls onCancel when pressing Escape
- ✓ calls onSubmit with updated value when clicking OK button
- ✓ calls onCancel when clicking Cancel button
- ✓ resets to new value when reopened

```
PS C:\Users\Ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usyscale_APP> npm test -- client/src/components/_tests_/WindowsInput.test.jsx
> test
> jest client/src/components/_tests_/WindowsInput.test.jsx
PASS  client/src/components/_tests_/WindowsInput.test.jsx
  WindowsInputModal
    ✓ does not render when show=false (10 ms)
    ✓ renders correctly when show=true, and displays title, placeholder, buttons (59 ms)
    ✓ calls onSubmit with input value when pressing Enter (227 ms)
    ✓ calls onCancel when pressing Escape (79 ms)
    ✓ calls onSubmit with updated value when clicking OK button (295 ms)
    ✓ calls onCancel when clicking Cancel button (52 ms)
    ✓ resets to new value when reopened (11 ms)

Test Suites: 1 passed, 1 total
Tests:       7 passed, 7 total
Snapshots:  0 total
Time:        2.306 s
Ran all test suites matching client/src/components/_tests_/WindowsInput.test.jsx.
```

NEW [WindowsConfirm](#)

- **Check:**

- Renders only when show is true
- Displays message and buttons
- has Yes / No buttons
- triggers onConfirm / onCancel

- **Tests** :

- ① does not render when show=false
- ② renders correctly when show=true, and displays message and buttons
- ③ calls onConfirm when clicking Yes button
- ④ calls onCancel when clicking No button

- **Code**

- [WindowsConfirm.txt](#)

- **To Run:**

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

- **All passed:**

- ✓ does not render when show=false
- ✓ renders correctly when show=true, and displays message and buttons
- ✓ calls onConfirm when clicking Yes button
- ✓ calls onCancel when clicking No button

```
PS C:\Users\ferra\Documents\Federico\UniMelb\Year 3\Sem2\AI_Use_Scale_APP\secondo\AI_Usyscale_APP> npm test -- client/src/components/__tests__/_WindowsConfirm.test.jsx
> test
> jest client/src/components/__tests__/_WindowsConfirm.test.jsx
PASS  client/src/components/__tests__/_WindowsConfirm.test.jsx
  WindowsConfirm (ConfirmPopup)
    ✓ does not render when show=false (11 ms)
    ✓ renders correctly when show=true, and displays message and buttons (51 ms)
    ✓ calls onConfirm when clicking Yes button (49 ms)
    ✓ calls onCancel when clicking No button (53 ms)

Test Suites: 1 passed, 1 total
Tests:       4 passed, 4 total
Snapshots:  0 total
Time:        1.512 s
Run all test suites matching client/src/components/__tests__/_WindowsConfirm.test.jsx
```

Summary

- 2 new Unit tests

- **WindowsInput.test.jsx** and **WindowsConfirm.test.jsx**

-  [WindowsInput.txt](#) &  [WindowsConfirm.txt](#)

File	%	Stats	\$	Branch	\$	Funcs	\$	Lines	Uncovered Line #s	
125 GLOBALS	100	100	100	100	100	100	100	100		
126 Globals.jsx	100	100	100	100	100	100	100	100		
127 components	49.35	48.77	48.98	49.82	49.82	49.82	49.82	49.82		
128 BaseTemplateSection.jsx	39.13	43.24	25.92	40.9	37,45,68-91,100-129,134-135,145,170,197-223	39.13	43.24	25.92	40.9	
129 CustomTemplateSection.jsx	39.74	36	27.58	42.46	45,54,64,68-93,99-122,132-155,182-186,236-289	39.74	36	27.58	42.46	
130 Dashboard.jsx	100	100	100	100	100	100	100	100		
131 DropdownTagInput.jsx	100	66.66	100	100	100	100	100	100	7	
132 ExportButton.jsx	22.1	17.46	43.75	23.59	20,24-147,160	22.1	17.46	43.75	23.59	
133 FilterSearchBar.jsx	100	0	100	100	100	100	100	100	5	
134 HorizontalSidebar.jsx	100	100	100	100	100	100	100	100		
135 Menu.jsx	100	100	100	100	100	100	100	100		
136 MenuItem.jsx	95.65	88.23	100	95.23	19	95.65	88.23	100	95.23	
137 PopUp.jsx	100	100	100	100	100	100	100	100		
138 Sidebar.jsx	92.85	100	87.5	92.85	63	92.85	100	87.5	92.85	
139 Square.jsx	100	100	100	100	100	100	100	100		
140 Star.jsx	100	100	100	100	100	100	100	100		
141 TableSection.jsx	39.91	42.3	30.55	39.81	53,64,111-121,165,175,192-205,217-229,225,245,249-256,261-282,288-305,313-334,354-358,363-369,374-380,385-388,394-401,418-441,452-478,534-569	39.91	42.3	30.55	39.81	53,64,111-121,165,175,192-205,217-229,225,245,249-256,261-282,288-305,313-334,354-358,363-369,374-380,385-388,394-401,418-441,452-478,534-569
142 TagInput.jsx	100	88.88	100	100	6	100	88.88	100	6	
143 TextBox.jsx	100	100	100	100	100	100	100	100		
144 UseScaleClock.jsx	100	66.66	100	100	6-7,39	100	66.66	100	6-7,39	
145 VerticalDropdown.jsx	100	100	100	100	100	100	100	100		
146 WindowsConfirm.jsx	100	100	100	100	100	100	100	100		
147 WindowsInput.jsx	100	91.66	100	100	5	100	91.66	100	5	
148 templates	45.98	28.98	42.05	48.02	48.02	45.98	28.98	42.05	48.02	
149 Login.jsx	76.47	62.5	40	76.47	79-131	76.47	62.5	40	76.47	
150 MainTemplate.jsx	93.33	100	90.9	93.33	50	93.33	100	90.9	93.33	
151 UseScalePage.jsx	30.06	24.59	33.33	40	54,101-103,111-118,125-218,233,257,273,281-293,298-318,387-594	30.06	24.59	33.33	40	
152 Test Suites:	23	passed,	23	total		Test Suites:	23	passed,	23	
153 Tests:	14	passed,	54	total		Tests:	14	passed,	54	
154 Snapshots:	0	total				Snapshots:	0	total		
155 Time:	8.438	s				Time:	8.438	s		
156 Run all test suites.						Run all test suites.				

- Latest coverage report on 2025/10/25