

# 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

```
122 -----
123 File | % Stats | % Branch | % Funcs | % Lines | Uncovered Line #s
124 -----
125 All files | 47.31 | 43.34 | 46.26 | 48.64 |
126 GLOBALS | 100 | 100 | 100 | 100 |
127 Globals.jsx | 100 | 100 | 100 | 100 |
128 components | 47.64 | 46.04 | 47.47 | 48.75 |
129 BaseTemplatesSection.jsx | 39.13 | 43.24 | 25.92 | 40.9 | 37,46,68-91,100-129,134-135,145,170,197-273
130 CustomTemplatesSection.jsx | 39.74 | 36 | 27.58 | 42.46 | 45,54,64,68-93,99-122,132-155,182-186,236-280
131 Dashboard.jsx | 100 | 100 | 100 | 100 |
132 DropdownTagInput.jsx | 100 | 66.66 | 100 | 100 | 7
133 ExportButton.jsx | 22.1 | 17.46 | 43.75 | 23.59 | 20,24-147,160
134 FilterSearchbar.jsx | 100 | 0 | 100 | 100 | 5
135 HorizontalSidebar.jsx | 100 | 100 | 100 | 100 |
136 Menu.jsx | 100 | 100 | 100 | 100 |
137 MenuButton.jsx | 95.65 | 88.23 | 100 | 95.23 | 19
138 Popup.jsx | 100 | 100 | 100 | 100 |
139 Sidebar.jsx | 92.85 | 100 | 87.5 | 92.85 | 63
140 Square.jsx | 100 | 100 | 100 | 100 |
141 Star.jsx | 100 | 100 | 100 | 100 |
142 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
143 TagInput.jsx | 100 | 88.88 | 100 | 100 | 6
144 Textbox.jsx | 100 | 100 | 100 | 100 |
145 UseScaleBlock.jsx | 100 | 66.66 | 100 | 100 | 6-7,39
146 VerticalDropdown.jsx | 100 | 100 | 100 | 100 |
147 WindowsConfirm.jsx | 66.66 | 50 | 100 | 50 | 7
148 WindowsInput.jsx | 38.46 | 16.66 | 40 | 44.44 | 20-39
149 templates | 45.98 | 28.98 | 42.85 | 48.02 |
150 login.jsx | 76.47 | 62.5 | 40 | 76.47 | 79-131
151 MainTemplate.jsx | 93.33 | 100 | 90.9 | 93.33 | 50
152 UseScalePage.jsx | 38.06 | 24.59 | 33.33 | 40 | 54,101-103,111-118,125-218,233,257,273,281-293,298-318,387-594
153 -----

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 ✓

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 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_UseScale_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
```

## • 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_UseScale_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
Ran 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

125	File	% Stats	% Branch	% Funcs	% Lines	Uncovered Line #s
126						
127	All Files	48.46	45.64	47.38	49.45	
128	Globals	100	100	100	100	
129	Globals.jsx	100	100	100	100	
130	components	49.15	48.77	48.98	49.82	
131	BaseTemplatesSection.jsx	39.13	43.24	25.92	48.9	37,46,68-91,100-129,134-135,145,170,197-273
132	CustomTemplatesSection.jsx	39.74	36	27.58	42.46	45,54,64,68-93,99-122,132-155,182-186,236-280
133	Dashboard.jsx	100	100	100	100	
134	DropdownToggleInput.jsx	100	66.66	100	100	7
135	ExportButton.jsx	22.3	17.46	43.75	23.59	20,24-147,160
136	FilterSearchBar.jsx	100	0	100	100	5
137	HorizontalSidebar.jsx	100	100	100	100	
138	Menu.jsx	100	100	100	100	
139	ModalButton.jsx	95.65	88.23	100	95.23	19
140	Popup.jsx	100	100	100	100	
141	Sidebar.jsx	92.85	100	87.5	92.89	63
142	Square.jsx	100	100	100	100	
143	Star.jsx	100	100	100	100	
144	TableSection.jsx	39.91	42.3	38.55	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
145	TextInput.jsx	100	88.88	100	100	6
146	TestBox.jsx	100	100	100	100	
147	UnscaledLink.jsx	100	66.66	100	100	6-7,39
148	VerticalDropdown.jsx	100	100	100	100	
149	WindowsConfirm.jsx	100	100	100	100	
150	WindowsInput.jsx	100	91.66	100	100	5
151	templates	45.98	28.58	42.85	48.82	
152	Login.jsx	76.47	62.5	60	76.47	79-131
153	MainTemplate.jsx	93.33	100	90.9	93.33	58
154	UnscaledPage.jsx	38.86	24.59	33.33	40	54,101-103,111-118,125-210,233,257,273,281-293,298-316,387-594
155						
157	Test Suites: 23 passed, 23 total					
158	Tests: 54 passed, 54 total					
159	Snapshots: 0 total					
160	Time: 8.438 s					
161	Run all test suites.					

- Latest coverage report on 2025/10/25