

Mind Lens coding assignment for Front-end developer

Goal of this assignment is to create reusable components that can be created, published, verified, used and maintained.

- All tasks must be completed using Vue 3 framework.
- Evaluation will be based on completion, the effectiveness of the code, and pixel perfection in comparison to Figma.

Create a button component

Create a button component that will be shared as one of the components in the design system. The button should be easy to use as a component, it should be able to switch states and variations.

Below are the properties and variations for the button

Content variations	Left icon & text, right icon & text, text only, icon only
Button types	Primary button, Secondary button
Button states	Default, hover, clicked, disabled
Spacing	Vertical padding 6px Horizontal padding 12px Spacing between text and icon 4px
Icon size	24px X 24px
Fonts	Open sans, 16px, semi-bold
Button colour & style	Follow the Figma file provided

<https://www.figma.com/file/UUOLHjqN8SbU3rhxRBchGk/Coding-test?node-id=2%3A8132&t=IYkfKyoLf7ho2l00-1>



Create an alerts & notifications component

Create an alerts & notifications component that will be shared as one of the components in the design system.

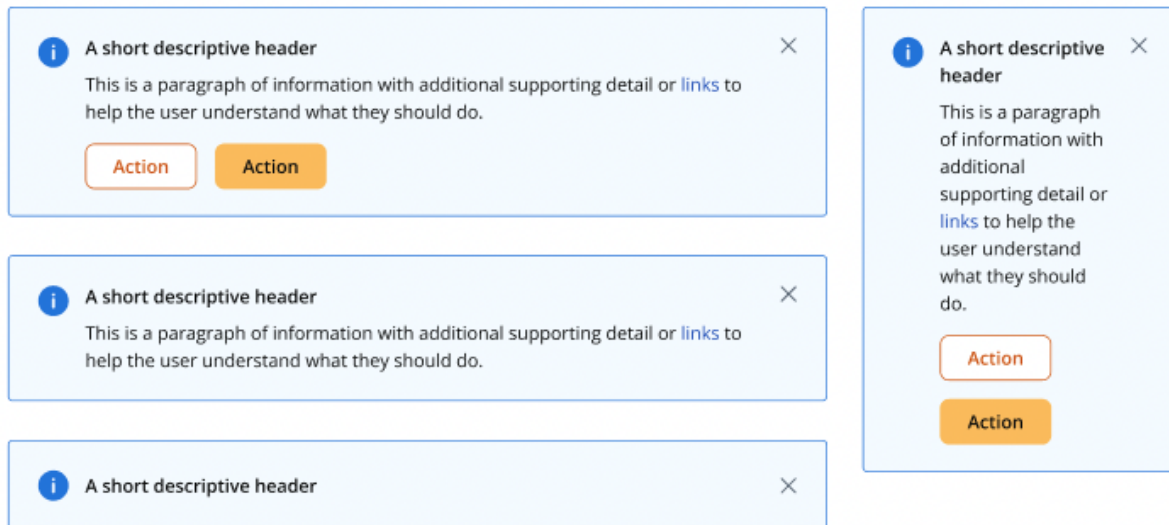
The alerts & notifications component should be easy to use as a component, switch states and variations.

Demonstrate how the component can be responsive.

Below are the properties and variations for the button

Content variations	1. Icon & header 2. Icon , header and subtext 3. Icon, header , subtext and call to action
Types	Error, Warning, Success, Information
Spacing and styles	Follow figma file provided

<https://www.figma.com/file/UUOLHjqN8SbU3rhxRBchGk/Coding-test?node-id=2%3A8132&t=IYkfKyolF7ho2I00-1>



Publish component:

Publish the component so that you can use them to create a sample app.

Use published component:

Write a sample app to demonstrate that the components that we created above can be used in other applications.

Testing:

Propose effective methods to test

- Unit tests
- Coded components that are the same as Figma
- Coded components are the same as components used in other apps.
- Coded component stays the same even when changes are made to other components during further releases (visual regression).