

# Design System Principal Engineer


## API design

Given provided mockups, how would you split them into components? Identify as many components as you can.

How would you design the props interface of the modal dialog component? Write an RFC (Request for Comments) using this template:

<https://github.com/reactjs/rfcs/blob/master/0000-template.md>

Edit datastream





Datastream title

Google Ads report

Description

Enter your message here

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 Get embed code

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Apply

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Subject

Message

Enter your message here

Cancel

Submit

Delete user?

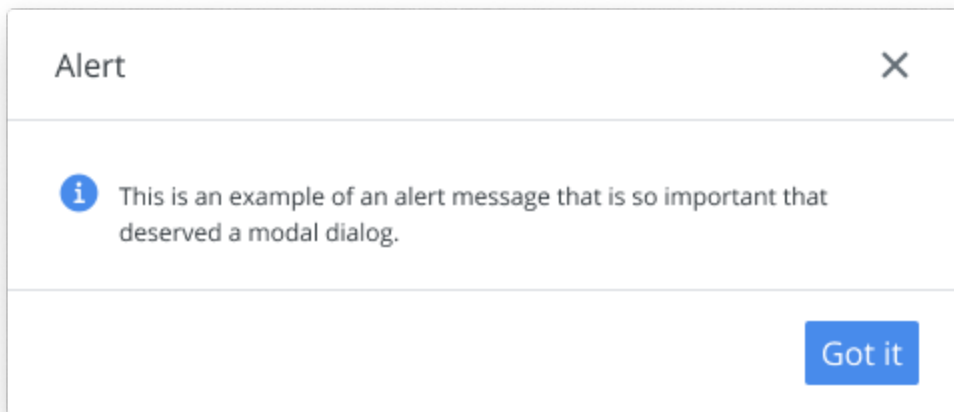
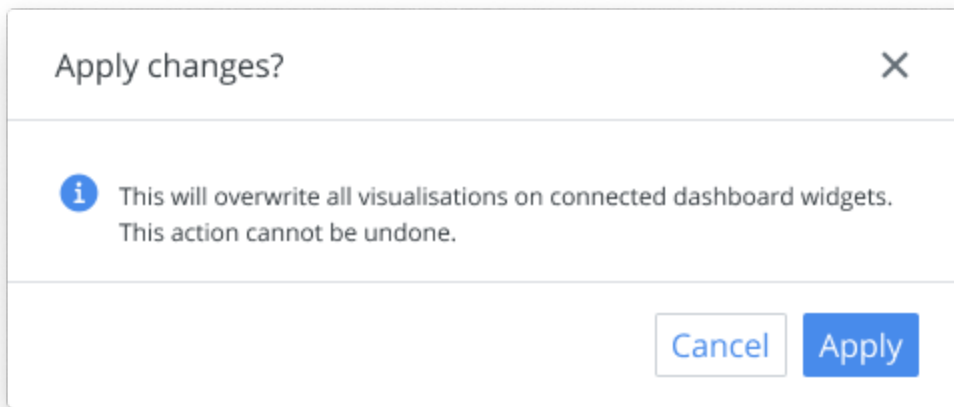
×

!

This will permanently delete John Doe. This action cannot be undone.

Cancel

Delete user



Please prepare answers to following questions:

1. How would you approach a request from a team asking for a dialog without the close button in the header?
2. How would you make the header and footer of the dialog window optional?

## Component implementation

Implement the solution from the RFC using React. Add the documentation for the component. Use your favorite documentation tool to do the job.

Notes:

1. We'll be paying attention to API, simplicity, usability, accessibility, and chosen markup.
2. We won't be paying much attention to the final look of the result but we expect it to work.

Please prepare answers to following questions:

1. Write down a strategy of how would you introduce a breaking change to a component after it's released.
2. How would you test the component?
3. How would you teach developers to use it?