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Design systems

What can they do for us?

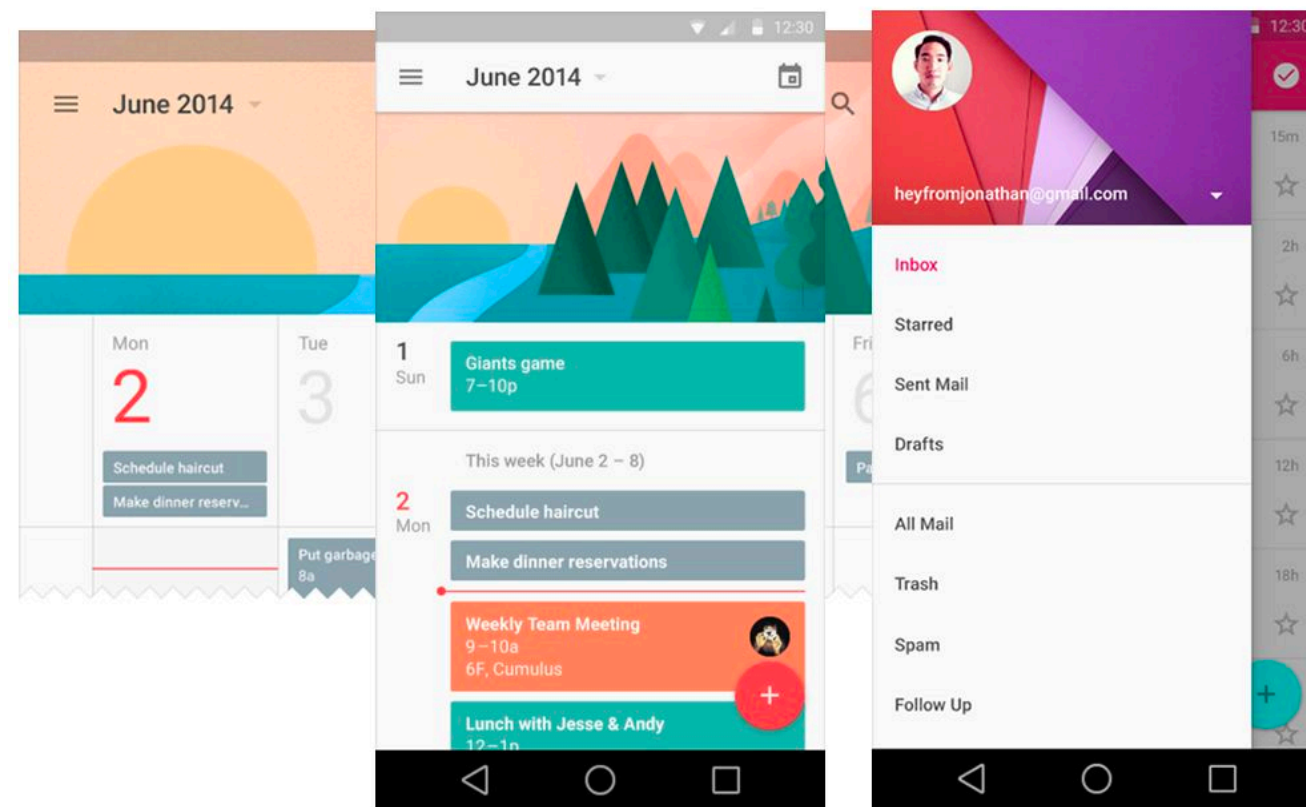
What is a design system?

- Single source of truth
- Outlines principles, styles, behaviours, guidelines
- More than a style guide -> patterns -> code components
- Brings design and development closer together

Why use a design system?

- Focus design resources on solving OpenMRS specific problems
- Speed up product development
- Ensure accessibility from the beginning
- Gives a framework for design decision making

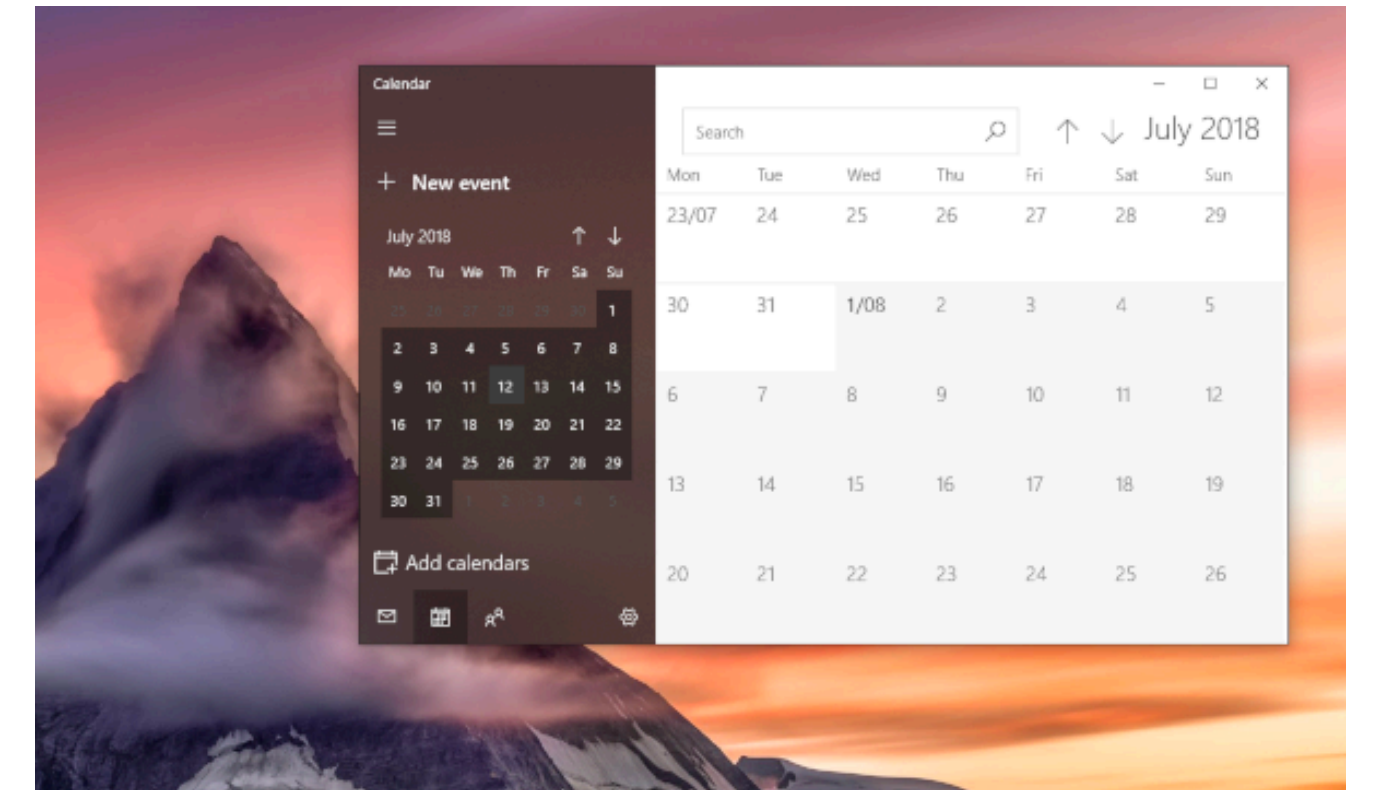
Some (famous) examples



Material Design (Google)

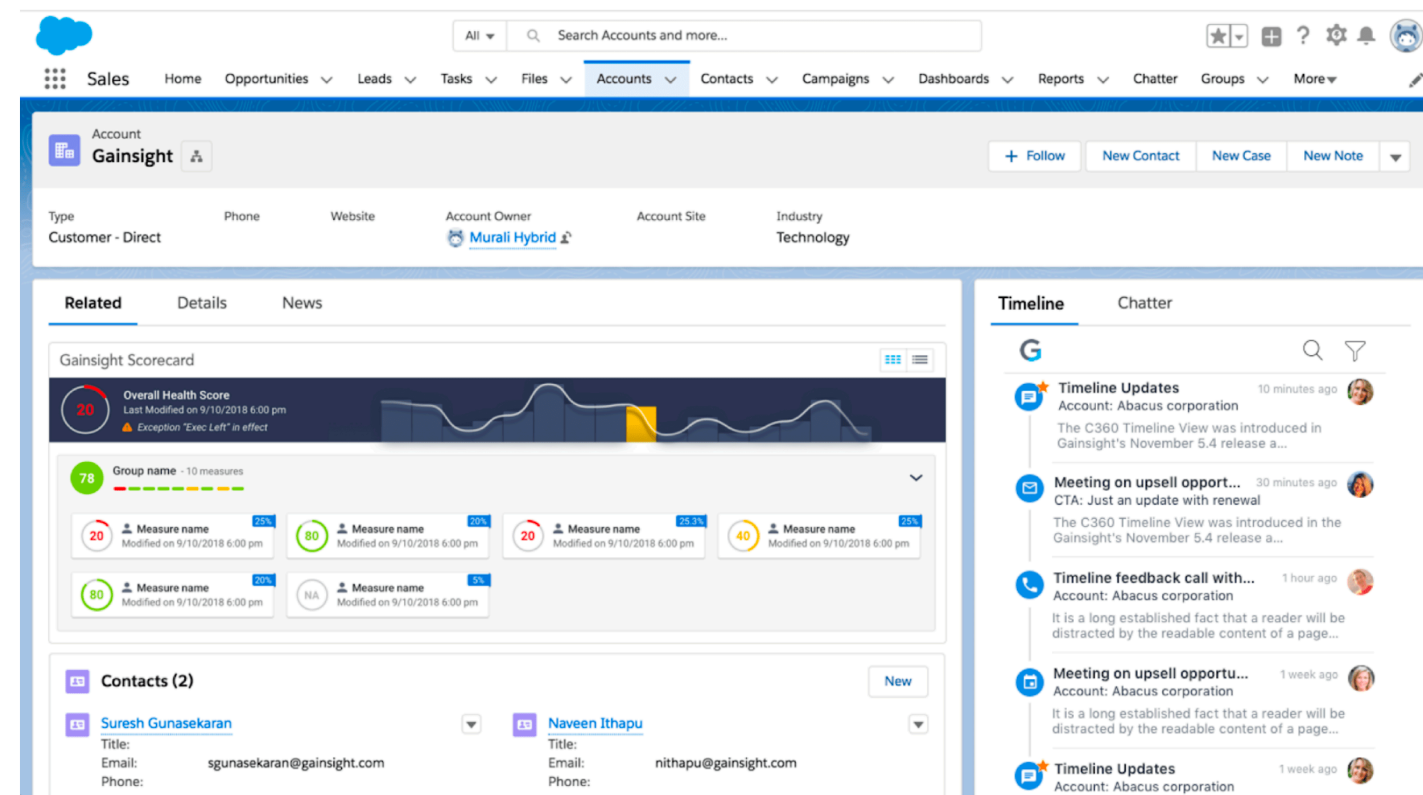


Human Interface Guidelines (Apple)

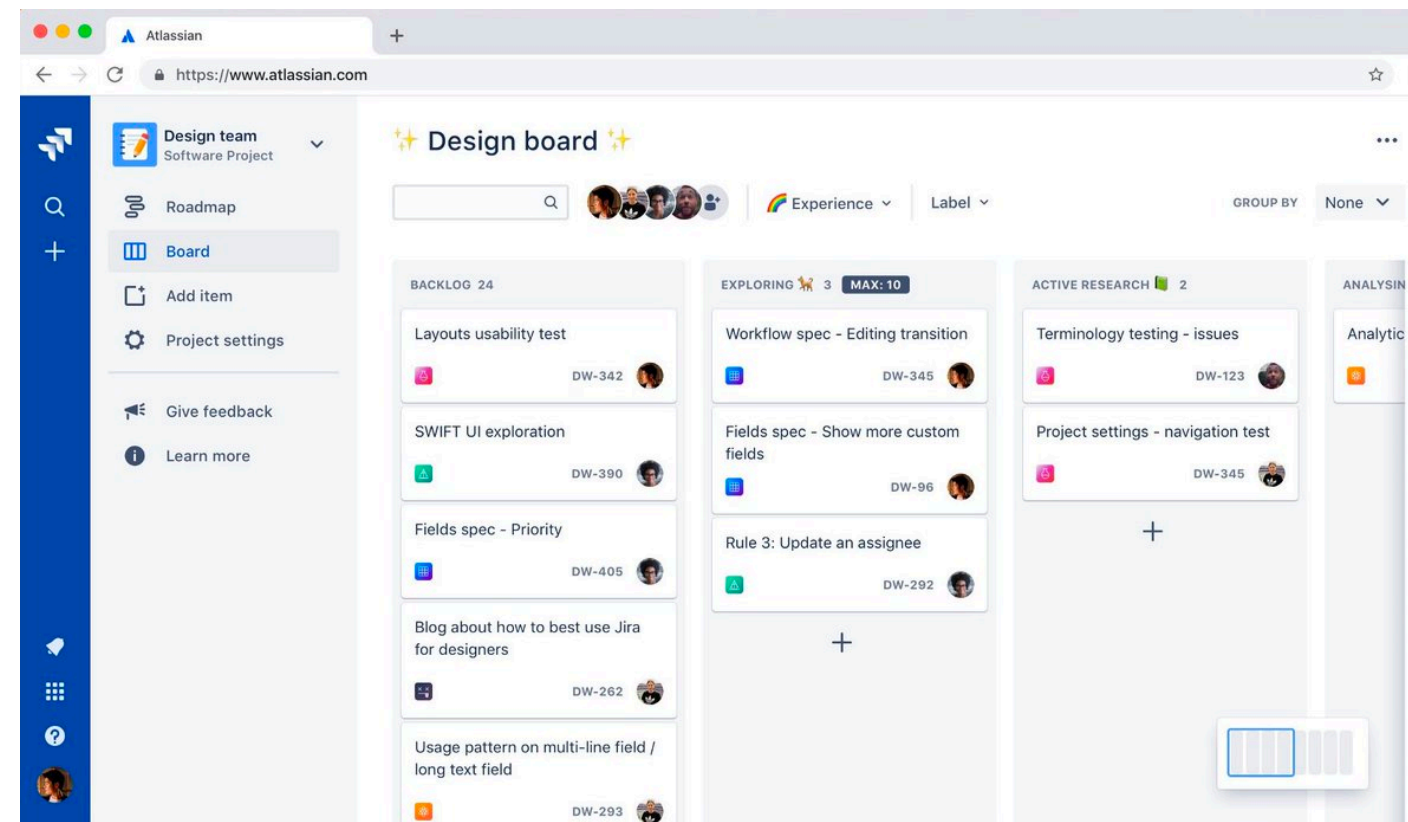


Fluent Design System (Microsoft)

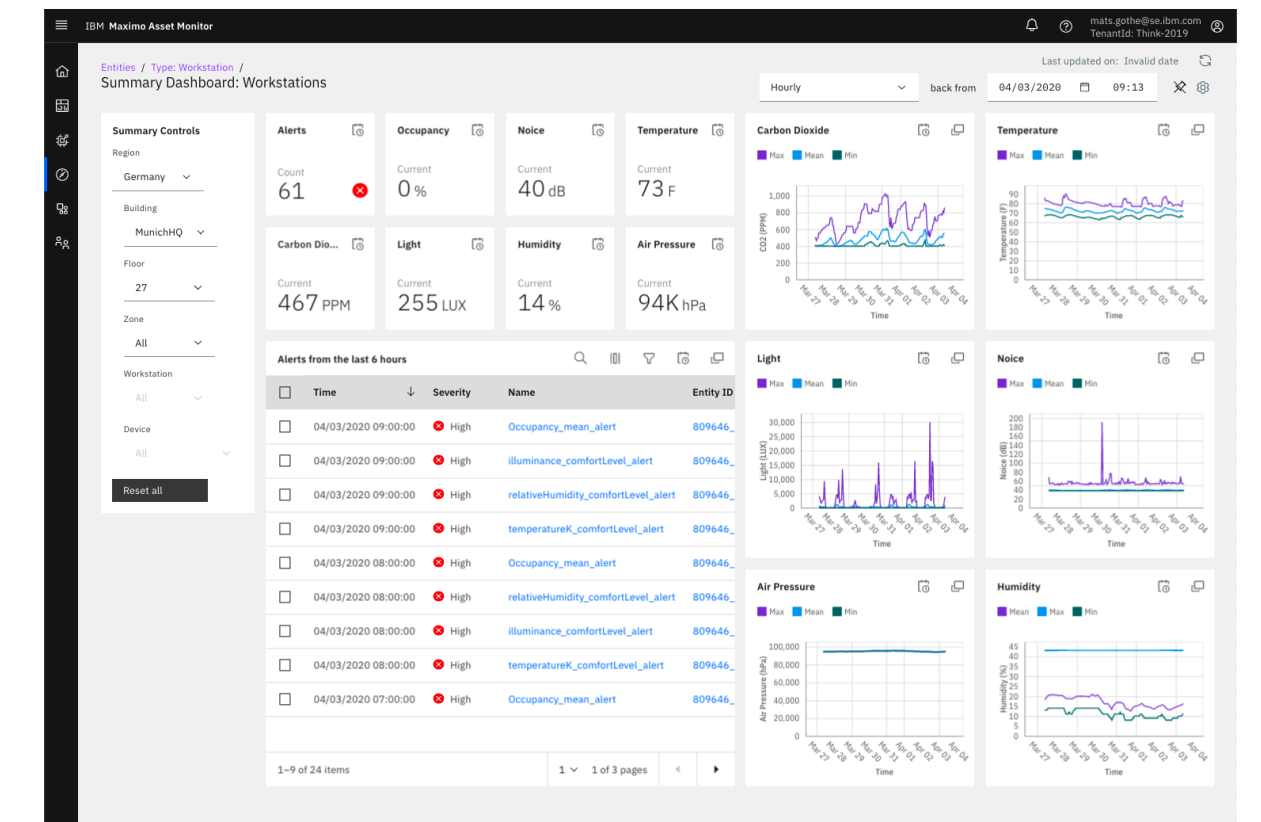
Other examples



Lightning Design System (Salesforce)



ADG (Atlassian)



Carbon Design System (IBM)


Value in practice

Coloured text?

Add New Condition

Condition

Alignment?

Onset Date  **Spacing?**

ACTIVE INACTIVE **Caps?**

<- Spacing? -> **Gradients?**

Different length input fields?

Value in practice

Add new condition

Condition

Label

Active Inactive

Lightning Design System (Salesforce)

Add new condition

Condition

Start date

Active Inactive

ADG (Atlassian)

Add new condition

Condition

Date label

Active Inactive

Carbon Design System (IBM)

“Good designers copy – great designers steal”

Pablo Picasso

“The best pattern is the one the user knows already”

Me?

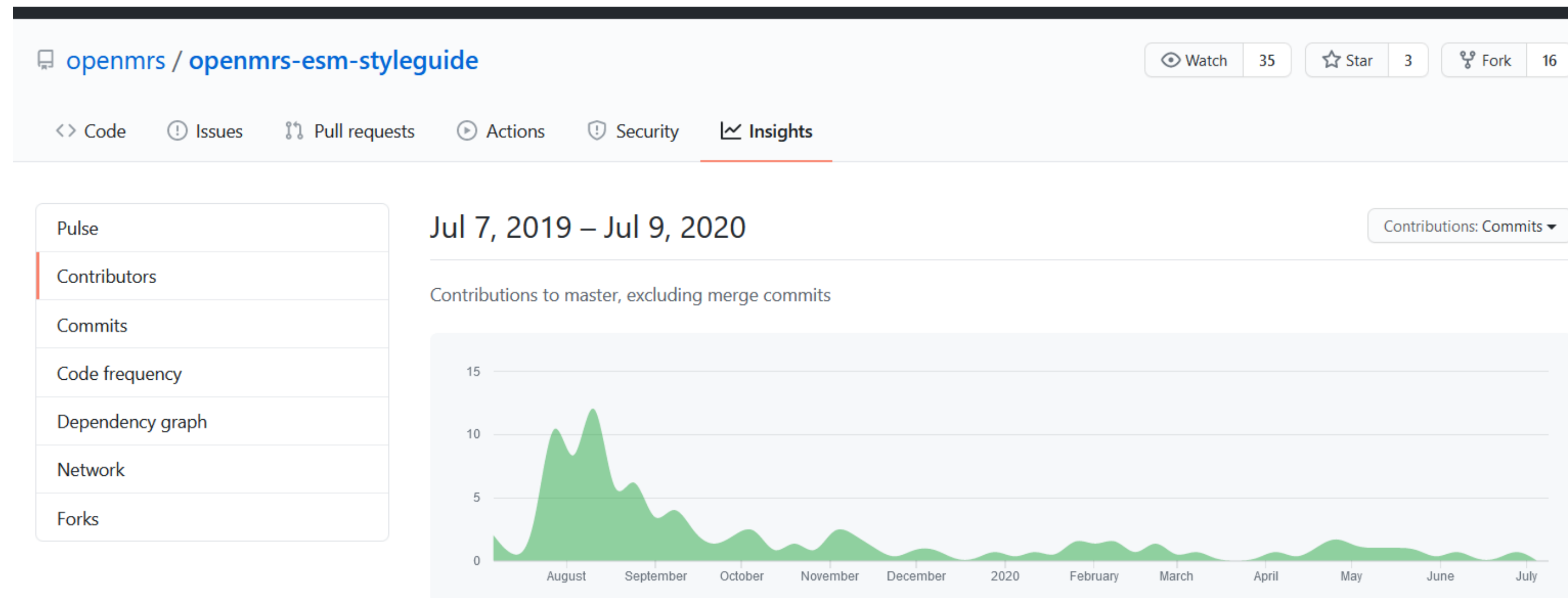
How do we choose a design system?

- Look who's already solved key challenges (data and trends, complex tables)
- Look at analogous domains (consumer, enterprise, health)
- Look at how we implement (take the code components we need, rebuild / customise others)

Common reservations

- Doesn't this bloat our code?
- Aren't we just outsourcing the styling?
- Can't we just create our own style guide / design system?

Create our own style guide?



Recommendations

- Start off design work: research / explore systems to ground design decisions
- Explore feasibility of using code components directly
- Work on customising components through design
- Implement that, create a style guide of custom OpenMRS components, build and adapt from there

Thanks

Let's discuss