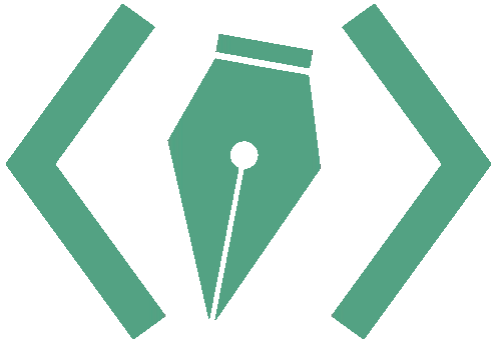
Week 10

Accessibility



Announcements

OH tomorrow even tho it's a holiday!

Homework 9 will be released tonight

Final Project!
Check-in due **this Thursday, Nov 12th!**
Project due **Dec 1st**
Your project can be featured on our showcase website!

Final Project Submission: wdd.io/go/project-submit

Come to office hours via Piazza or wdd.io/go/OH

Give us anonymous feedback at wdd.io/go/feedback

Accessibility

“refers to the practice of building digital content and applications that **can be used by a wide range of people**, including individuals who have visual, motor, auditory, speech, or cognitive disabilities”

from **Pablo Stanley, *Designing for Accessibility Is Not That Hard***

How can we design for accessibility?

A quick thought experiment: Imagine the power goes out. You don't have your phone or any form of light in your house. What things would be the hardest to use without light?

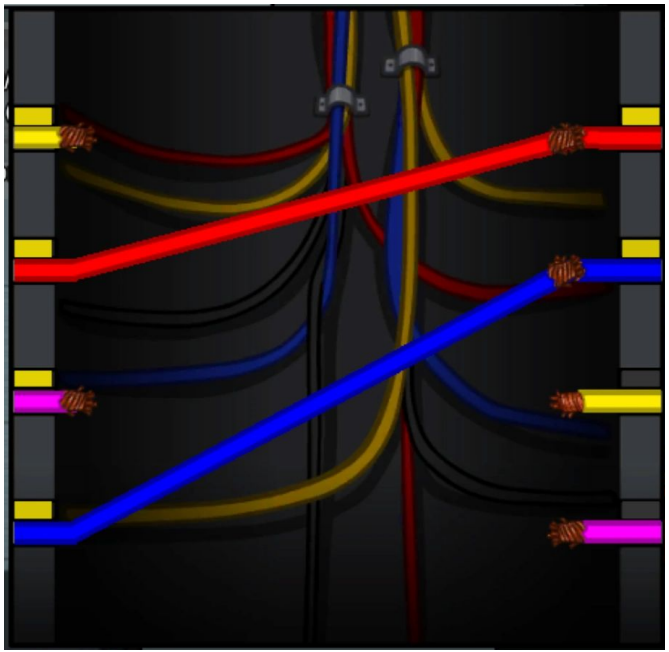
Jane Fulton Suri - Empathetic Design

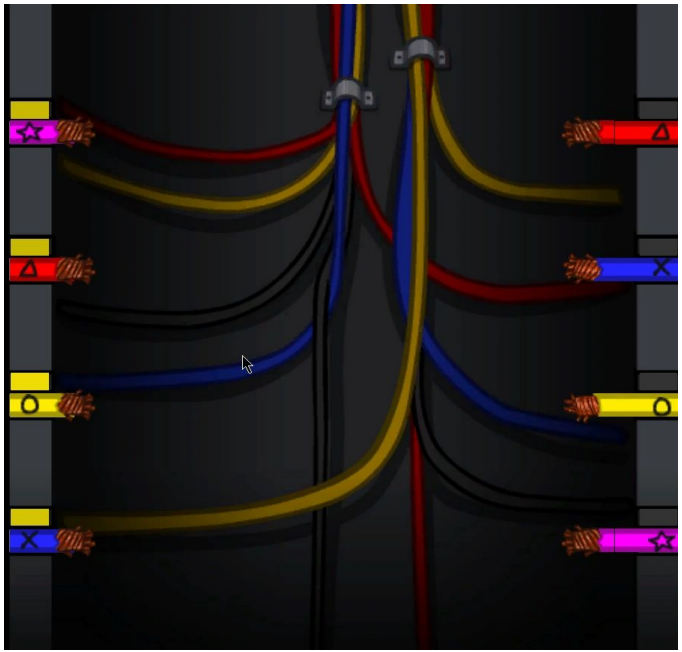
Now think about this: Imagine instead that there is a divider (that you can't see through) that goes between you and your phone or computer. What would be hardest to do on your device then?

Step out of your own experience.

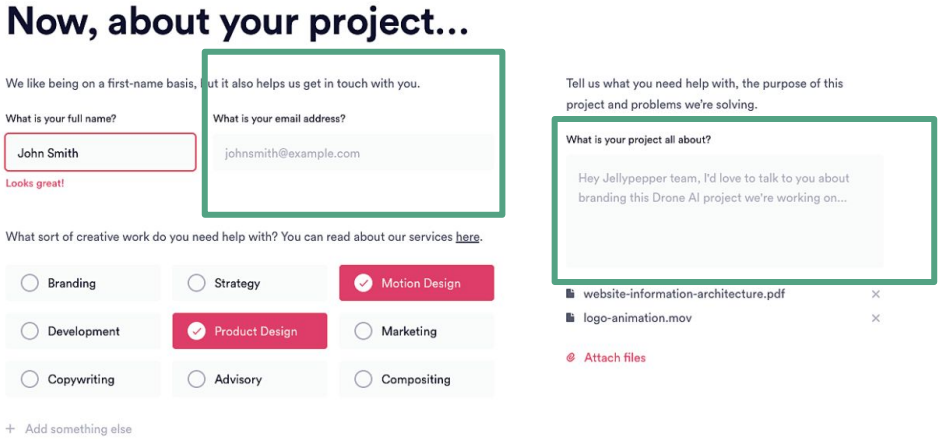
How can we incorporate this in web design?

Contrast + symbols (Example: Among Us)

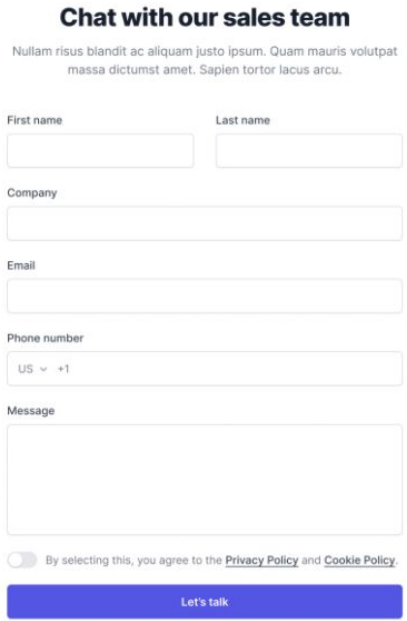




Don’t do this

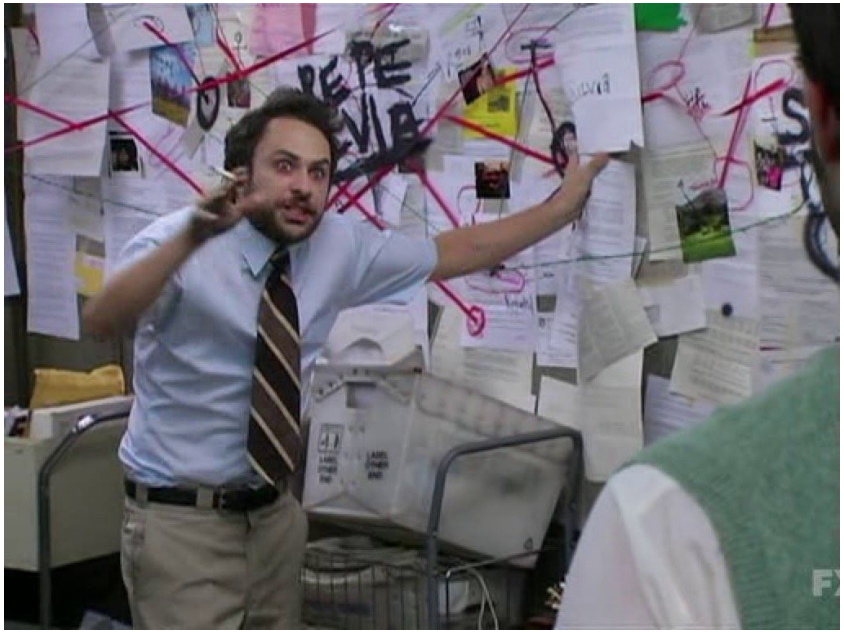


Do this!



From Dribbble

Alt-text!



```
<img src="mydesignlectures.png"
alt="sleepless dude giving
frenzied talk about connected
papers on a wall from It's
Always Sunny in Philadelphia"
with=300px height=100px>
```

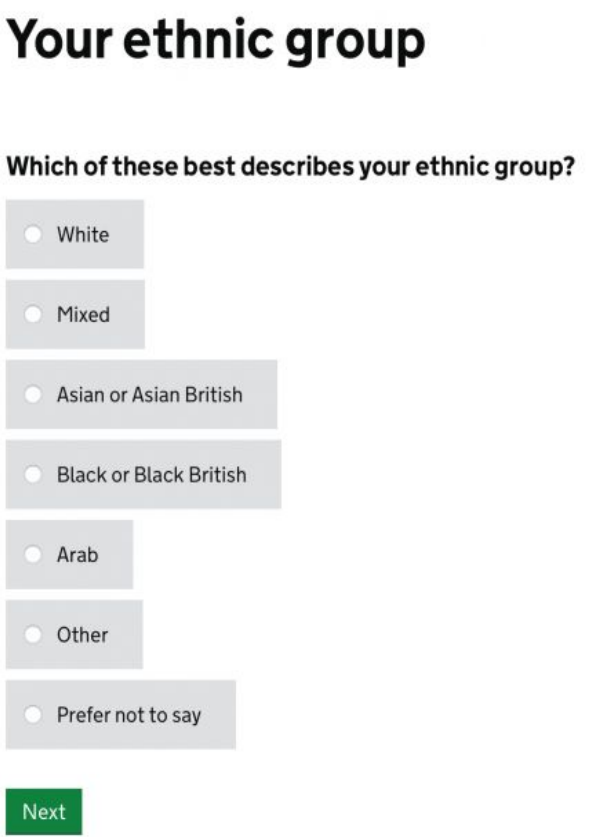
Use <nav> and <main> in HTML

Users with physical disability rely heavily with using the **keyboard (arrows, tab especially)**. Using these tags will help with that (otherwise a bit advanced, feel free to do your own research!)

Gif from Pablo Stanley

Navigation, navigation, navigation

But designing inclusively isn’t just about disability...



How do we make people from all backgrounds feel welcome?

Who aren’t we considering? Who might we be excluding?

How easy is it for anyone to use our product?

Suggestions to Design Inclusively

Some lit resources:

- Color Oracle: color blindness simulator for Windows
- WebAIM: contrast checker + more accessibility articles/tools
- Contrast: macOS app to check contrast
- AXE Chrome Extension: test any site for accessibility violations

Questions?