User Experience and Interface Design

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User Centered Design

- User Personas
- User Stories
 - Persona + desired task + purpose
- Design
 - Wireframe
 - Prototype
- Test
- Iterate

Exercise: Imagining Your Users

- In the next 10 minutes, create:
 - 3 user personas
 - 3 user stories

How to create a well-designed app

- Devise a simple, legible <u>information architecture</u>
- Wireframe your views
- TAKE ACCESSIBILITY SERIOUSLY

Wireframes





Profile Name

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Exercise: Create a Wireframe

10 minutes

The "Curb Cut Effect"



Accessibility

- Content
 - Clear writing
 - Low hanging fruit like <alt> text
- Design elements
 - Color
 - o <u>Font</u>
- Input devices
- Responsive design for web applications
- See the <u>W3C resources</u> or <u>usability.gov</u> for helpful details
- VALIDATE your code. Use the <u>W3C validator tool</u> for web apps

Responsive Frameworks for the Web

- There are many! A few of the most popular are:
 - o <u>Bootstrap</u>
 - o <u>Foundation</u>
 - o <u>Pure</u>
- Want to learn HTML, CSS, and/or Javascript?
 - o <u>Codeacademy.com</u>
 - o <u>Lynda.com</u>

Bootstrap Studio

Go to <u>bootstrapstudio.io</u> and create a prototype of a page