Building an application

1. User type
2. What can they do?
3. Mockup the screens and UX
4. What data do we care about

Ecommerce

1. Seller
   1. Request account
   2. Post products
   3. Get paid for purchases.
2. Buyer
   1. Sign up for account.
   2. Browse all products.
   3. Purchase product
3. Admin
   1. Approve seller accounts.
   2. Remove sellers.
   3. Remove products.

Newspaper

1. Reporter
   1. Create edit article.
2. Editor
   1. Edit
   2. Publish
   3. remove
3. reader
   1. read
   2. comment

blog

1. blogger
   1. needs an account.
   2. create blog entries.
2. reader
   1. browse entries.
   2. read entry.
   3. does not need an account.

HTML – markup language used to describe the semantic structure of information in a web page document.

1. Tags are used to identify headings, paragraphs, lists, etc.
2. Table of content/ outline
3. Structured like a tree

Common HTML tags for content

1. <h1> - <h6> heading tags
   1. Having an hierarchy helps SEO
   2. Accessibility
2. <p> paragraph tags
3. <strong> important points tag
4. <em> emphasis point tag
5. <ul> and <ol> unordered and ordered list
6. <table> tabular data
7. <a> links

CSS

1. Selectors
   1. HTML tags
   2. Apply on IDs and class
      1. .classname
      2. #ids – more specific, used on one tag

Twitter developed bootstrapped and made it opensource because every browser treated CSS differently.

1. Created a responsive site for different web browser
2. Split into a grid system that contains containers and row, containing up to 12 columns

Lab 1 Bootstrap

Repl.it – import from github