

6.148 Day 1

Monday, January 9, 2017

11:08 AM

Introduction

- Client (me) requests to get xkcd.com (server).
- xkcd.com stores and serves a website: responds with webpage files.

Webpage files/types:

- HTML (file of text; can't contain images)
- CSS (makes pretty: color/font/sizes/moves things around)
- JavaScript/JS (allows computer to move things around/make buttons clickable/functionality)
- Assets (Images)

Website specs:

- Dynamic website supported by a back-end
- Personalized experience based on user accounts
- Minimum security requirements fulfilled
- Original design and implementation
- Use Git and 6.148 repo.

Theme: **Beyond the Horizon**

- Share photos/food/travel spots from places around the world
 - Find friends and see who else has travelled there
 - Top places to travel
- Cute animal pictures from around the world
- Sitter website: upload a picture (choose daily, hourly, etc.)
- Find a pen-pal & gift packages
- Compilation website for classes that you are in: include files, photos, study notes, etc.
 - Have an administrator, forum, can request access into a class
 - Collaborative Google Doc

Idontion

Location

Staff Ideas

- Discover new places: target tourists, college students, real-life people (photos!)
- Maps, routes, directing
- Make recommendations: need a good API (ML)
- Quality over quantity

UI/UX

- UI - User Interface (graphics; color)
 - Visual Design, Branding, Layout
 - CSS/HTML
- UX - User Experience (function)
 - Research, sketches, wireframes, usability testing
- Don't want to log in; Don't necessarily want to use app
- **Good Usability:**
 - Learnability: Photoshop is complex; Google Maps is good! (**Put in a walk-through!**)
 - Label with steps (1, 2, 3,...)
 - User feedback?
 - Links should work! (Loading screen when you click on something)
 - Navigation bars are important! (**Log-in on Right; Logo on Left**)
 - Icons are good! (Thumbs up, thumbs down, home button, printer)
 - Efficiency: the **less words the better**
 - **Make sure that users don't do bad things!**
 - **Make recovery easy**
- **Follow standard layouts**
 - Use grids! Even sizes, even spaces
 - White spaces! Clean, trustworthy
 - Colors! Represent emotions - Flat UI colors
 - No more than 3 main colors
- Current Trends
 - Flat UI (Apple/iOS; no shadows; 1D) & Material Design (pop-outs)
 - Cool images (parallax scrolling)
 - Micro-animations