Week 25 Day 3 - Ionic Basics

Review

Restangular

Ionic is...

- UI for **mobile** Angular, like Bootstrap or Material UI
    http://ionicframework.com/docs/components/
    http://ionicframework.com/html5-input-types/#overview
    http://ionicframework.com/docs/ - All docs
- app build tools for **hybrid apps** (part webview, part native)
- server (--lab for android & ios style)
- easy access to native device features
- iOS app, Android app, Windows app, mobile web **with one code base**
- AngularJS is included in the ionic.bundle.js file
- includes icons at http://ionicons.com/
- sample apps at http://showcase.ionicframework.com/
- more (viewer, creator, community)

When to Use Ionic

- Mobile only project
- Low-medium complexity
- CRUD apps
- Need to run on multiple platforms (iOS, Android, Web)
- **If it can run well in a web browser, it can be an Ionic app**

Ionic Setup

http://ionicframework.com/getting-started/
1. Install node.js
2. sudo npm install -g cordova ionic
3. ionic start myApp tabs (in your projects folder)
4. cd myApp
5. ionic serve --lab

Edit and save a page. Notice the live reload.

Note: All js, css, etc must be local to build into an app (no CDNs). Use "bower install ng-storage" in your project directory to get that package added to your www/lib directory.

More Learning

http://appcamp.io/ - AWESOME! Interactive, like codeschool.com.

Exercise

Migrate ToDo app to a tab in the ionic tab starter.

Prep for Tomorrow!

1. Install xcode for tomorrow (and command line build tools)
    ```
    xcode-select --install
    ```
    choose "xcode" for xcode and command line build tools, choose install for just the tools
2. Install Ionic Viewer app on smartphone