Team Project Proposal

Now that groups are formed, submit one team project proposal for approval. This proposal is a summary of the idea and similar to your individual proposals. The details are below in the section Project Proposal.

Application Technical Requirements

During lab 2 we will work on application design (mockups, data modeling, and writing the first tests). And the following technical requirements will apply to all projects:

- Must use Node.js, Express.js as the base framework
  - You can add additional plugins and middleware available in NPM
- Must allow at least one user type to sign up, login, log out, and it must be done securely.
- Must use a SQL and/or NoSQL database (Postgres or MongoDB)
- Must have tests using Mocha/Chai
- Must use MVC pattern
- Must make use of at least one 3rd party API
  - Twilio
  - Google Maps
  - Twitter
  - Mail API (MailChimp, Gmail, etc.)
  - Social Media (Twitter, Facebook, etc.)
- Must output HTML that uses CSS and is responsive
  - You may choose to do this with templating on the backend or front-end with JavaScript

Project Proposal

- **Due date:** September 19, 2016
- **Submission Link:**
  - https://www.dropbox.com/request/3frwo8M4qiC7iQb97j0c
  - **IMPORTANT:** Name your files with your section number and a short team name: `section_#_TEAM_NAME.pdf`

Make sure your proposal contains the following 5 sections

1) Project Name
2) Team Member Names and Schools
3) Executive summary (2 paragraphs)
    - This should include answers to:
    - What is the motivation for your application?

- Is there a need or want in the market that it fulfills (does not have to be a for-profit, or paid need)?
- What are similar applications publicly available similar to your idea?
- How is your idea different? or why is there a need for a competitor?

4) Clearly define the User-types for your application (1 or more depending on your idea) and what they are able to do:
   - This is a high-level description of the users role when using your application. Think of: Sellers, Buyers, Administrator, Moderator, Content-creator, Consumer, etc

5) Use Cases:
   - Give at least 2 examples of the most important usage (or interaction) scenarios for your application