Project Round 2!

The Coding Bootcamp |

Your Challenge

At this point, you all have <u>real skills</u>.

<u>It's time to show it.</u>

Like seriously.

Be ambitious.

Project Week Overview

Project Week

Gameplan
- Divide into groups
- Begin assessing interests and skills
- Begin researching "data-sets"
- Outlining project ideas
- Submitting Project Proposal for Approval
- Initial Design work
- Learn Testing
- Do more Project Work

Teams

Group Teams

Team 1
Tate Capra
Carlos Gutierrez
Amit Ganju
Mike McManus

Team 2
Mary Ray
Chris Dion
Mason Terry
Court Parker

Team 3
Jeff Hartman
Joyce Torre
Ari Kayne
Holly Livingston

Team 4
Scott Nyerges
James Vera
Vincent Huynh
Nancy Govea

Team 5
Danielle Maddox
Michael Balagia
William Hoy
Desiree Tien

Team 6
Chris Platt
Matt Douglas
Jon Smiley

*To build some **<u>awesome shiz.</u>***

Coding Requirements

- **Must use a <u>Node and Express Web Server</u>**

- **Must be backed by a <u>MySQL Database with a Sequelize ORM</u>**

- **Must have <u>both GET and POST routes</u> for retrieving and adding new data**

- **Must incorporate <u>Basic Testing Framework</u>**

- **Must be <u>deployed using Heroku (with Data)</u>**

- **Must utilize at least one <u>new library, package, or technology</u> that we haven't discussed**

- **Must have a <u>polished frontend / UI</u>**

- **Must have <u>folder structure that meets MVC Paradigm</u>**

- **Must meet <u>good quality coding standards</u> (indentation, scoping, naming)**

Coding – Nice To Haves

- **<u>Utilize Handlebars for Server-Side Templating</u>**

- **<u>Incorporate Authentication</u> (JSON Web Tokens, Sessions, Etc.)**

- **Use an <u>existing public dataset to power the database</u>**

- **Create a <u>migration strategy</u>** for sharing data across team members.

Presentation Requirement

- You will also be responsible for preparing a <u>10 minute presentation.</u>

- <u>**This will be a formal presentation.**</u>

- One in which you explain in detail:

    - Your overall application's concept

    - The motivation for its development

    - Your design process

    - The technologies you used (and briefly how they work)

    - A demonstration of its functionality

    - Directions for future development

- Treat the presentation seriously!

- Talking intelligently about tech > doing tech sometimes.

Metrics

- **Concept**

- **Design**

- **Functionality**

- **Collaboration**

- **Presentation**

Questions