

Project Round 2!

The Coding Bootcamp

Your Challenge

Ira Glass – On “Taste”



<https://www.youtube.com/watch?v=X2wLP0izeJE>

***At this point, you all
have real skills.***

It's time to show it.

Your Challenge

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

Orange Iguanas

['Melissa Nelson',
 'Ameeruddeen Shamsul-Bahri',
 'Spencer Berg',
 'Chase Holladay',
 'Matthew Gasper',
 'Yuval Ashkenazi']

Purple Parrots

['Isaiah Ramsey',
 'See Xiong',
 'Parker Call',
 'Katie Kasperek',
 'Denis Plaster']

Silver Snakes

['Alex Charland',
 'Kristen Fairman',
 'Don Cohoon',
 'Max Lettenberger',
 'Mary Carr']

Blue Barracudas

['Richard Anderson',
 'Jonathan Bald',
 'Reece Shadden',
 'Eric Hickstein',
 'Tomas Toledo']

Green Monkeys

['Ryen goldsmith',
 'John Morrissey',
 'Zachary Cozine',
 'Steven Henke',
 'Thomas Fitzer']

Cleveland Browns

['Lia Ramirez',
 'Andre Caron',
 'Alex Chrysler',
 'Nathan Hertz',
 'Dylan Airhart']

To a great project!

Coding Requirements

- Must use a Node and Express Web Server
- Must be backed by a MySQL Database with a Sequelize ORM
- Must have both GET and POST routes for retrieving and adding new data
- Must be deployed using Heroku (with Data)
- Must utilize at least one new library, package, or technology that we haven't discussed
- Must have a polished frontend / UI
- Must have folder structure that meets MVC Paradigm
- Must meet good quality coding standards (indentation, scoping, naming)
- Must protect API keys in node with environment variables.

Coding – Nice To Haves

- **Utilize Handlebars for Server-Side Templating**
- **Incorporate Authentication** (JSON Web Tokens, Sessions, Etc.)
- **Use an existing public dataset to power the database**
- **Create a migration strategy** for sharing data across team members e.g. using a seed/schema.sql file.

Presentation Requirement

- You will also be responsible for preparing a 10 minute presentation.
- This will be a formal presentation.
- 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

Metrics

- **Concept**
- **Design**
- **Functionality**
- **Collaboration**
- **Presentation**

Questions
