



## Project 2

Coding Boot Camp

Module 15



# Project Requirements

## Project 2: Coding Requirements

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- ✓ Must use **Node.js** and **Express.js** to create a RESTful API
- ✓ Must use **Handlebars.js** as the template engine
- ✓ Must use **MySQL** and the **Sequelize ORM** for the database
- ✓ Must have both **GET** and **POST** routes for retrieving and adding new data
- ✓ Must use at least one new library, package, or technology that we haven't discussed
- ✓ Must have a folder structure that meets the **MVC paradigm**
- ✓ Must include **authentication** (express-session and cookies)
- ✓ Must protect **API keys** and sensitive information with environment variables

# Project 2: Additional Requirements

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Must be deployed using Heroku (with data)



Must have a polished UI



Must be responsive



Must be interactive (i.e., accept and respond to user input)



Must meet good-quality coding standards (file structure, best practices, etc.)



Must have a professional README (unique name, description, link to the deployed app)

# **Presentations**

# Presentation Requirements

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Your formal, 10-minute presentation must include:

- ✓ Your application's overall concept
- ✓ The motivation for your application's development
- ✓ Your design process
- ✓ Technologies used (and a brief description of how they work)
- ✓ A demonstration of the application's functionality
- ✓ Directions for future development
- ✓ Sometimes, talking intelligently about tech > doing tech

# Metrics

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Project 2 will be assessed on the following:

01

Concept

02

Design (Application Quality)

03

Functionality (Technical Acceptance Criteria and Deployment)

04

Repository Quality

05

Presentation

06

Collaboration



# Group Members



# Group Challenge: Project Brainstorming

Work with your group to identify ideas, research APIs, and create project designs.  
You will submit your initial project proposals by the end of class today.

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Suggested Time: 60 minutes