Project 2

Web Development Boot Camp

Unit 15

Project Requirements

Project 2: Coding Requirements

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

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

Your formal, 10-minute presentation must include:

Your application's overall concept

The motivation for your application's development

Your design process

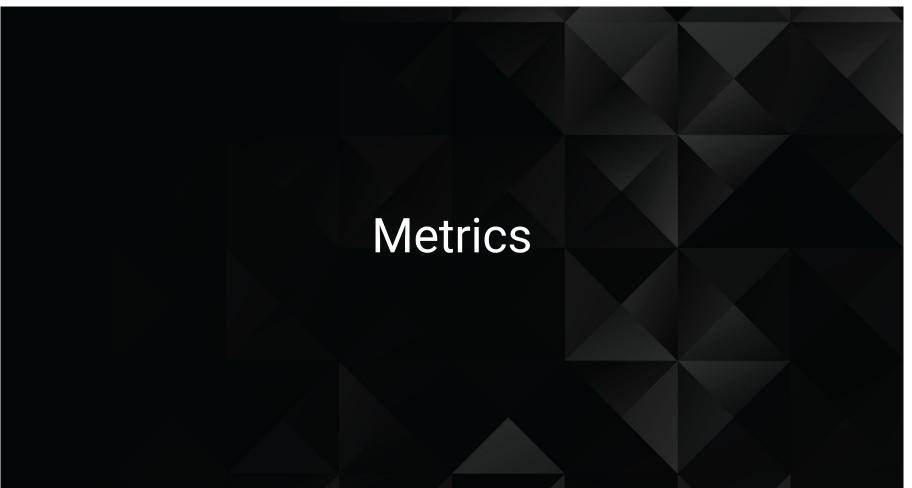Technologies used (and a brief description of how they work)

A demonstration of the application's functionality

Directions for future development

Sometimes, talking intelligently about tech > doing tech.

Metrics

Metrics

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.

Suggested Time:
60 minutes