



# Web Development Boot Camp

## Unit 15



# Don't Worry!

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You'll have plenty of time to brainstorm project ideas before submitting your proposals for review by the end of class.



# 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



# 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.

**Suggested Time:**  
minutes

