Project 2

Coding Boot Camp
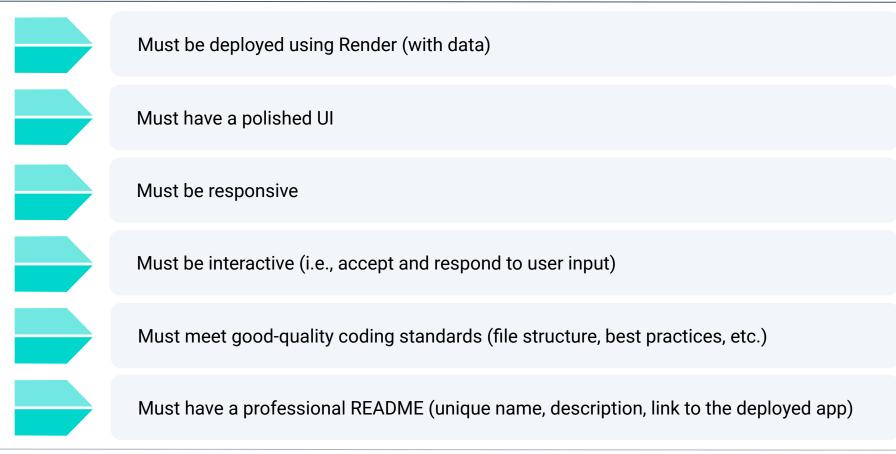
Module 15

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 **PostgreSQL** 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 Render (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