#### **Software Development**

## Project 2

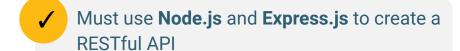
Module 15

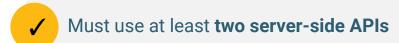


# **Project Requirements**

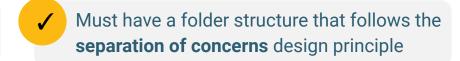
### **Project 2**

Coding Requirements:





✓ Must use **React** for the front end



Must use PostgreSQL and the Sequelize ORM for the database

✓ Must include authentication using JWT

- Must have both GET and POST routes for retrieving and adding new data
- 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

A demonstration of the application's functionality

The motivation for your application's development

Directions for future development

Your design process

Sometimes, talking intelligently about tech > doing tech

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



Metrics

#### **Metrics**

Project 2 will be assessed on the following:



- ✓ Design (Application Quality)
- Functionality (Technical Acceptance Criteria and Deployment)
- ✓ Repository Quality
- ✓ Presentation
- ✓ 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