

Project 2

Congrats on making it Project 2!!!!



Don't Worry!

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



Project Week at a Glance: This Week

Day 1 (TUESDAY JAN 21):



Sequelize Joins



Brainstorm ideas



Outline project ideas.



Begin initial design work.



Create wireframes/ERDs

Day 2 (WEDNESDAY JAN 22):



Manatee Tank



Continue project work

Day 3 (THURSDAY JAN 23):



OPTIONAL authentication workshop



Project Work / Instructor 1:1s

Project Week at a Glance: Next Week

Day 4 (FRIDAY JANUARY 24):



Continue project development. / Instructor 1:1s

Day 5 (MONDAY JANUARY 27):



Continue project development.



Prepare for presentations!

Day 7 (TUESDAY JANUARY 28):



Give presentations & POTLUCK!

Potluck: A Coding Bootcamp Tradition



Project 2: Coding Requirements



Must use a Node and Express web server



Must be backed by a MySQL database with a Sequelize ORM



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



Must be deployed using Heroku (with data)



Must utilize at least one new library, package, or technology that we haven't discussed



Must have a front end/UI utilizing Handlebars and a CSS framework OTHER THAN Bootstrap



Must have a folder structure that meets the MVC paradigm



Must meet good-quality coding standards (indentation, scoping, naming, etc.)



Must protect API keys in Node with environment variables

Project 2: Not Required, But Nice to Have



Use an existing public dataset to power the database



Incorporate authentication (JSON Web Tokens, sessions, etc.)

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.

Manatee Tank Expectations

20 minute meetings, you team with instructional staff. What we want to see:



Project Pitch with wireframes & ERDs



Role Breakdown



Kanban board with tasks assigned



Which new tech/APIs you will be using (make sure to test time first)

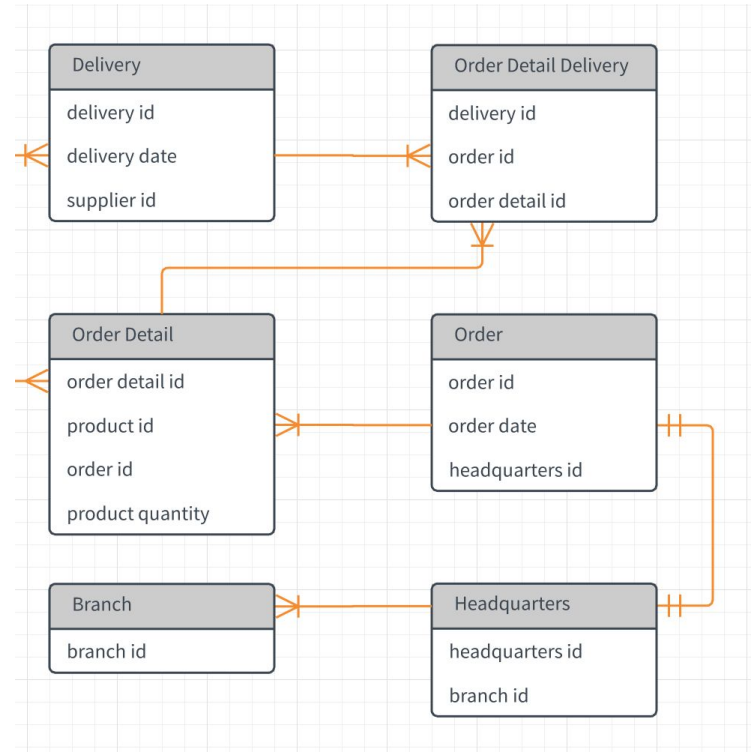


Rough schedule of tasks/milestones

What in the world is an ERD?

ERD = Entity Relational Diagram

A visual representation of data we are storing, along with any relationships and associations they might have.



Instructor 1:1s: 15 minute meetings with me

We can discuss:



Your progress in class so far



Success strategies



Any sticky topics



Anything else you may want to talk about



Note: These meetings are entirely OPTIONAL

Metrics

Metrics

Project 2 will be assessed on the following:

01

Concept

02

Design

03

Functionality

04

Collaboration

05

Presentation

Awards

Projects will receive awards in the following areas:



Best Functionality



Best UI/UX



Best Presentation



People's Choice



LET'S HAVE SOME FUN!

Awards



Teams

Project 2 Teams

Group 1		Group 2		Group 3
Julie		Paolo		Nate
Ari		Alexa		Henry
Phil		Jaque		Tasi
Chris		Isabel		Adam
Group 4		Group 5		Group 6
Austin		Aslan		Aidan
Nick		Rafay		Gregory
Jenny		Robert		Sarah
Jon		Liam		Tyson