Object Relational Mapping (ORM)

The Big Picture

Phase 2: Technical
Node.js
OOP
Express.js
SQL
ORM
MVC

Phase 1: Foundation
HTML, CSS, and Git
Advanced CSS
JavaScript
Web APIs
Third-Party APIs
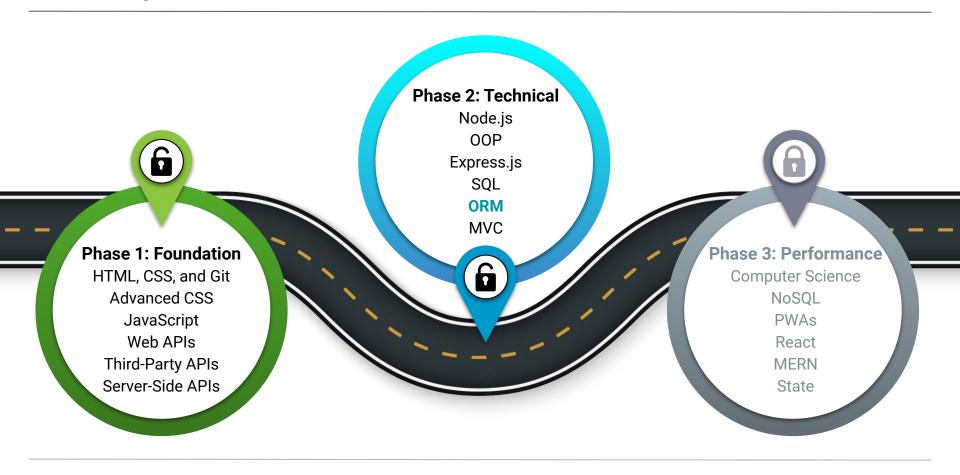Server-Side APIs

Phase 3: Performance
Computer Science
NoSQL
PWAs
React
MERN
State

Boot Camp Pointers

As the content gets more technical and as you get closer to working on your second group project, remember that you have the following resources to help you:

Learning Assistants

Office Hours

Tutoring Services

This Week:
Object Relational Mapping (ORM)

This Week: Object Relational Mapping (ORM)

By the end of this week, you'll be able to:

Implement the Sequelize ORM in a Node.js application

Define models that use datatype validations

Implement CRUD methods using Sequelize

Implement Sequelize associations to join one or more tables

Configure Heroku to deploy an application using Sequelize and MySQL

Use the bcrypt package to hash password information

This Week's Assignment

How will you use this module's content in your next assignment?

Career Connection

How will you use this module's content in your career?

How to Succeed This Week

Tips for Success: Object Relational Mapping (ORM)

Keep these tips in mind:

01

An ORM like Sequelize allows you to work with a database using JavaScript.

The ORM translates your code into schema and queries using SQL.

02

Sequelize is just one example of an ORM.

The concepts you're learning can be applied to any ORM you might encounter in your career.

03

You almost have all the tools you need to build a full-stack app! This week and next week build upon one another.

Be proud of the progress you've made!

Today's Agenda:
Which skills will you learn today?

Make sure that you've downloaded the relevant class files!