

Project 3

Expectations

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1. We expect whatever you build to have utility.
2. We expect you to have market or real-world research that evidences your idea has REAL value to people.
3. We expect you to have done research on other web/mobile applications in your domain.
4. We expect you to put serious time and thought into this.
5. We expect you to report problems you are facing along the way.
6. We expect you to utilize some form of project management system.
7. We expect you to dig deep into documentation and external resources to learn what you need.

Manatee Tank One Expectations:

20 minute meeting with staff members, will discuss:



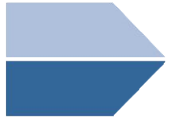
Project Pitch with wireframes & ERDs



Role Breakdown



Kanban board with tasks assigned and a rough schedule of tasks/milestones



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



Market research (what other apps exist in this space, what makes you stand out?)

Manatee Tank Two Expectations:

Less formal meeting with just Henry, to include:



Live demo of working MVP



Remaining Schedule



Kanban board with tasks assigned and a rough schedule of tasks/milestones



Blocking issues



Potential problems

Project 3: Coding Requirements



Must use a Node and Express web server



Must be backed by a MySQL/Sequelize or Mongo/Mongoose database



Must have RESTful routes OR GraphQL for data



Must be deployed (with data)



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



Must have a front end/UI built on React



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

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.