



Second Project Requirements and Overview

Your second project will be created in Ruby on Rails with AngularJS and will provide you with a great start to your portfolio for seeking jobs.

Timeline

Projects begin on Tuesday, Nov 16 and conclude on the morning of Tuesday, Nov 23.

You will need to have a 'pitch' for your project on the 16th (using the Inception Deck as your guide), in which you will explain to the class what you would like to build.

On the 23rd, you will present the project to the class, showing both the end results and code. You should plan on taking no more than 20 minutes for this, with a few minutes for questions by classmates and the instructional team.

Requirements

Timely completion of this project is **mandatory** for completion of this class. Anyone failing to complete this project will not be eligible for graduation from the program and may be asked to drop the program.

Technical requirements:

- Create and consume an API (via AngularJS, Handlebars, GoogleMaps, D3, etc)
- Rails 4 + AngularJS
- PostgreSQL
- Log real user stories in Trello or Pivotal Tracker
- Deploy to Heroku (or another host)
- Frequent Git commits and sharing of code to Github
- Use a front end framework (Bootstrap, Foundation, etc)

Extra Credit:

- Consume another team's API and/or an external API
- Implement social authentication

Planning and Deliverables

Project plan deliverables:

- Due Nov 16 - Use the Inception Deck to plan out your project and pitch it as a team
- Due Nov 16 - User stories in Trello or Pivotal Tracker
- Due Nov 16 - Team GitHub repo

Completed project deliverables:

- Due Nov 23 - Final Heroku deployment
- Due Nov 23 - Link to source code, wireframes, ERD on GitHub
- Due Nov 23 - Trello/Pivotal Tracker link

Things to Keep in Mind

Make sure that your code is:

- Consistent. You're working in teams, but you're only making one app per team. Make sure it looks like a unified effort.
- DRY and RESTful. It's the Rails way.

- Well-formatted. Are you indenting well? Can we find the start and end of every div, curly brace, etc?
- Well-commented. Will I understand what is going on in each block or function? Well-formatted. Are you indenting well? Can we find the start and end of every div, curly brace, etc?
- Clear. Do your naming conventions make sense? Would another developer be able to look at your app and understand what everything is?

We'll also be looking at:

- Quality of communication around decision-making. Did you make choices as a team and work together? Was the workload balanced? Can you all stand behind the project?
- Your ability to pick up new technologies and push yourselves. How did the team encourage each other to achieve more?

Common Mistakes & Tips

Remember our mantra "Process Over Product". The objective of the project is not only to deploy an app, but to work with someone else.

Remember to make frequent Git commits, not having a clear sense of their problem, not deploying to Heroku until the last minute or changing the scope of what they are doing drastically in the middle of the project.

Finally, when it comes to presenting your project please be confident, clear, concise and tell us a story. First frame the problem, and then show us how your project solves this problem.

Do not show us how to click links on a web site or explain everything verbatim. Talk about what it does, not what you didn't get to.