

Cohort of Thrones with Rabbits in Wonderland

A students pairing tool

Reasons Why

User Stories

- As an admin:
 - I need to add, update, and delete students
- As an instructor/TA/mentor:
 - I need to view pairings with meta data
 - I need to add comments to pairs
- As a student:
 - I need to view my pairing for the day

Key User Features

- Every problem is an opportunity...
 - Problem/Challenge people have
 - Figuring out pairings
 - Solution your project provides to users
 - The ability to easily add and update student information while tracking student pairings
- Value Proposition
 - What features does your project have?
 - Dashboards for different features of managing students and pairs
 - Advantages over competition
 - Soft deletes to prevent full removal of a student and/or pairing, ability for a project manager to rotate through pairings

About the Technology Stack

- Front-end technologies
 - Custom grid.css format, jQuery
- Server technologies
 - NodeJS (Express, Mocha/Chai, js-combinatorics)
- Data Persistence
 - PostgreSQL with Knex, ElephantSQL
- CICD
 - Travis CI & Heroku
- Development Environment
 - Visual Studio Code, Google Chrome, Postman

Demo

Code

Lessons Learned

- Scope is important and sometimes not your friend.
- Even modest applications can involve tons of code.

Next Steps - To the Project Board!