Team Contract - Rinnegatos

Expected level of achievement and effort for each team member

We all want to get an A on this project. We also each want to put in roughly the same amount of time and effort on this project, though are fine distributing the effort over the semester since we each have certain periods which are very busy or relatively free.

Personal goals for each team member

- Melissa
    - I want to gain experience in designing and creating a website so that the code base is sustainable
    - I want to gain more experience in developing appropriate data models for the goals of the website
    - I want to improve my frontend skills, so that I am more efficient with reactive pages
    - I am most interested in backend projects, however, I am interested in a full stack approach to gain experience in the entire process
- Niki
    - I want to gain more experience in creating an entire website from scratch instead of simply editing an existing website
    - I also want to help create the backend since I do not have as much experience doing that
    - I want to mainly contribute to the frontend and design of our website because that is what I am most interested in
- Jessica
    - I want to gain experience in working on a very small team and being responsible for a large portion of the project
    - I want to work on both the front- and backend so that I can practice what I already know and learn more about the entire process
    - I want to create a website that I am proud of and that could be developed further
- Ethan
    - I want to contribute to both the frontend and backend development in order to solidify all that I've learned about web app design and become a better full stack web developer
    - I hope to gain valuable insight on working in a small, versatile team
    - I want to develop a polished final product to impress recruiters and peers

Frequency, length and location of team meetings

At a minimum, we will meet for a half hour every week at the team meetings with our mentor. When we have upcoming due dates or need to discuss our project, we will meet in the Student Center for hour long meetings.

How quality of work will be maintained

We will initially write code individually after being assigned separate tasks. Everyone will be responsible for writing unit tests for their parts, and all code will have to pass these unit tests to be merged. Each part will be written on a separate branch to ensure that merge errors are at a minimum. Additionally, for larger commits that change a significant aspect of the project, we will require at least one other person to do a code review before merging to master.

How tasks will be assigned, and what to do if deadlines are missed

We will come up with a list of tasks at the beginning of the project and will preliminarily assign each task to one of us. As needed, tasks can be reassigned to other group members who have more time or finished their primary tasks early so that everyone ends up spending a roughly equal amount of time on the project.

If a deadline is missed, we will first talk with the member to determine why the deadline was missed. If there is a good excuse, we will work with that member to break up the task that wasn't completed so that we can finish it faster. If not, we will assign that team member more work in a later portion of the project to make up for the missed deadline. Instead of missing deadlines, though, we will try to let the rest of the team know if we are getting particularly stuck on something or might not have time to finish a task so that we can reallot the tasks to other team members.

How decisions will be made and disagreements resolved

Decisions will be made by the group. Small decisions can be made within our messenger group and can be a simple alert to the group. Larger, more important decisions will be made in person at our team meetings, where problems are decided by the majority opinion.

If there are disagreements, we will first try to simply resolve them by explaining each side of the argument thoroughly. If that fails, we will randomly pick a side and stick to that decision.