

6.170 Final Project Team Contract

Team Members: Jamar Brooks, Yachi Chang, Chris Rogers, Katharine Xiao

I. Expectation & Effort

Our goal is to learn how to create a complete, full-stack web application and aim for an A on this project. At the completion of the project, we wish to have a functional app that fully addresses our problem statement. Ideally, this would be an app that people outside of this class would want to use. We want to take into each other's strengths when we divide our tasks up, but ultimately, we expect each member to contribute an equal amount.

II. Personal Goals

Below describes each member's personal goals for this project:

- Jamar:** complete a fully functional, polished project where we achieve the goals we have set out from near the start
- Katharine:** Gain more experience with working in a team, learn about designing for an existing problem. I would want to end up with a functional product that fully addresses our desired problem.
- Judy:** Build a full web application in a team setting. Gain experience in using different web tools, and have fun!
- Chris:** Learn to properly design things with a team. I'd like to plan things early and determine what things are reasonable to get done in the limited time we have. Even if we don't have a ton of features, I'd love to make what we do have solid.

III. Team meetings

We will aim to meet on Saturdays, Sundays, Mondays, Tuesdays, and Fridays if necessary, and we will decide specific meeting times at the start of the every week. In general, we plan to meet:

- Frequency: 3-4 times a week
- Length: 1 hour minimum, 3-4 hours max
- Location: Next House or Pi Phi (alternating)

IV. Quality of Work

We plan to group and divide our tasks by the features of our website. Each person will write back-end tests for his or her own feature(s) to test server and API functionalities. Each member will also do manual front-end testing when developing features, in order to gauge feature interactions, usability, and functionality. We will run the app locally and re-run all tests before

pushing any new code. Additionally, we will document who is responsible for each feature, and provide feedback as needed.

V. Task Assignment

During meetings, we will assess what has been done and what else needs to be accomplished. We will create a list of tasks, consisting of features and bugs, and each person will volunteer for tasks to take on for the week. The remaining tasks will be delegated such that each person has an equal amount of work to complete (going off of complexity of features and estimated time needed for completion).

If deadlines are missed, we will address the missed deadlines individually, in order to determine why it was missed, how we can work together to complete the task, and how this can be prevented in the future. If the rest of the team needs to help out on another member's assigned task, we will discuss it as a group and delegate the unfinished tasks in order to provide assistance.

Our policy rests on our agreement to reach out to other team members when we're unable to finish our tasks, instead of not voicing or hiding the problem.

VI. Decisions and Disagreements

If there is a disagreement, we will discuss the problem as a group, weighing the pros and cons of all potential options. We hope to be able to see the motivation and reasoning for all suggested options before making a decision. In the end, we will have a majority vote (ideally unanimous) to come to the final decision.