Jorrie Brettin
Matthew Miklasevich
Amanda Zhou
Marcos Pertierra

Team Contract

Expected level of achievement and effort for each team member
As a group, we've decided that we would like to create a piece of software that we are proud of (and hopefully get an A!) while maintaining a healthy divide of work and avoiding all-nighters. This will only be achieved if each team member contributes their fair share of work.

Personal goals for each team member
Jorrie - Learn to create all parts of a nontrivial web application
Matt - Practice design skills by carefully planning data models and writing efficient, modular code, as well as gaining practice developing all aspects of web applications
Amanda - Learn more of the back-end of the stack for web and become more familiar with different front-end libraries
Marcos - Gain experience building a full web app and experiment with interesting Node packages

How quality of work will be maintained
At the start of our mid-week meetings, each member will present the progress they've made so far, discuss any issues they've encountered, and determine what extra steps are necessary to complete the weekly task. This is an opportunity for feedback and suggestions from other teammates, or potentially adjusting or reassigning tasks to other team members.

We will dedicate a portion of our weekend meeting for peer review of our code. During this time, we will review all the commits made throughout the previous week and ensure that everyone is following clean, uniform coding conventions. This will help us maintain a consistent style and quality of code. It will also help us discover issues in our code that might have otherwise gone unnoticed.

Frequency, length, and location of team meetings
We plan to have two meetings per week to discuss and resolve any problems we've run into and prepare for weekly TA meetings. The meetings will be decided upon on a weekly basis, but are tentatively planned as follows:
- Kappa Sigma, 3-6pm, Sunday. This meeting is primarily to have time to work as a group to ensure code quality and project progression, as well as plan work for the following week.
- Stata, 2-4pm, Wednesday. This meeting is primarily to update the group toward progress as well as prepare for the weekly TA meeting.

Additionally, short, ad hoc meetings which will be decided upon as needed. To plan these ad hoc meetings, as well as keep group communication at a maximum, we have created a group Slack channel.

How tasks will be assigned, and what to do if deadlines are missed
Tasks will be assigned based on interest, strength, and availability. Each team member will be working on both front-end and back-end tasks, but we will be splitting up the work based on features, to create clean division of work.

Missed deadlines will be treated differently, depending on the reason.
1. Involuntary absence (due to injury, illness, etc.) -- the remaining teammates will split the missed work
2. Voluntary absence (due to excess work or other obligations) -- if one teammate has an exceptionally bad week, the other teammates can split up the work, under the agreement that the other teammate does more work the following week. However, if a single member consistently relies on the other teammates to finish their work, an intervention with the 6.170 staff may be necessary if we are unable to remedy the problem ourselves.
3. Unrealistic timeline -- if work is not completed because the timeline we created was too ambitious/unrealistic, then we will take the time to determine what parts of our project we can scale back. While we hope to construct a realistic timeline (and a realistically scoped project), having this option ensures that our final product is actually feasible in the remaining time we have left.

How decisions will be made and disagreements resolved
Decisions will be made within our group by requiring a majority of members in favor of them. Any potential decision must be justified and must be presented to the group with enough time for discussion.

Disagreements between group members will be resolved by the remaining group members. If we are unable to get a majority of the team supporting one decision, then we will ask our 6.170 TA to serve as a facilitator or tie-breaker.