6.170 Final Project Team Contract

Team AndChill: Rosemond Dorleans, John Parsons, Arman Rahman, Hugo Zul

Expected Level of Achievement
- Get an A+
- Finish with a potentially marketable product
- Maintain a healthy balance between 6.170, other classes, and our lives. However, we are willing to put in more than 12 hours per week if necessary to make a good final product.
- Have FUN!
- Get to know each other on a personal level, like what *really* drives us.

Personal Goals
In general, our team members want to become more comfortable with one or more aspects of building web applications – be it front-end, back-end, or full stack work. Generally, we want to get better at Mongo. All of our team members want to take on challenging roles such that work is divided evenly.

Rosemond Dorleans
- Become more comfortable with mongoDB.
- Be comfortable with full stack development.

Hugo Zul
- Become more familiar with web frameworks (Node, AJAX, Handlebars etc.).
- Be more comfortable with Mongo.
- Take on a challenging role within the team.

John Parsons
- Learn a new front-end framework or technology.
    - Example technologies: Backbone, Handlebars, React, Angular.
- Help craft an elegant REST API to interact with our front end.

Arman Rahman
- Get more practice with Node and Mongo
- Help design elegant UI
- Gain teamwork experience in web development

Team Meetings
- Formal Meetings: Wednesdays at 4pm in Phi Kappa Sigma.
    - During these meetings we will update each other on our progress, and help one another resolve outstanding issues.

- These meetings should last 30-60 minutes.
- Informal Meetings: As Needed
  - All members live in Phi Kappa Sigma, so it is very easy for us to congregate for meetings and coding sessions as necessary. We expect to hold several of these meetings per week.
- Virtual Communication
  - We have created an email list to allow us to easily communicate.
  - Depending on our needs, we may begin using a collaboration tool better suited to fast communication, like Slack.

Maintaining Quality of Work
- All work will be done on feature branches.
- Before a feature branch is merged, at least one other member of the group must pull, test, review, and approve the changes.
  - Reviewers will ensure that code is well-commented and works.
  - All methods must have a spec, preferably written in the JSDoc format.
  - We will follow 6.170 conventions for object oriented programming.

Task Assignment
- Tasks will be assigned on a rolling basis. Generally, members will be assigned week-long tasks; however, if a member does not think she/he will be able to finish by the end of the week, other members can take on some of the work load.
  - Team members most interested in a task will have first priority in claiming it.
  - If no team member is interested in a task, it will be assigned at random.
- Overview of areas of interest (this is subject to change)
  - Data Modeling: Rosemond , Hugo, John, Arman
  - Front-end
    - UI/UX: Arman
    - API integration: John
  - Back-end
    - Views: Arman, Rosemond
    - Controllers: Rosemond, Hugo
    - Database interaction: Hugo, Rosemond
    - Database design: Arman
    - Matching algorithms: Hugo, John
    - Security: John
- Missed deadlines
  - The person who missed a deadline or failed to complete a task should update the group in regard to progress. If it seems that a task will not be completed on time, the rest of the group may take on additional work to speed development.
  - Team members who fail to meet deadlines because of bad time estimation will meet no consequences.

○ We will seek help from the 6.170 staff in the event that any team members repeatedly fail to meet deadlines because of a lack of effort.

Making Decisions
- Small design decisions may be made by individuals without consulting the group. If there is any doubt as to the correct decision, the group should be consulted.
- When possible, disagreements will be settled by a majority vote after the issue is thoroughly discussed.
    - If a majority cannot be reached in a reasonable period of time, the group may elect to make a decision at random through a coin toss.
    - All group members agree to live by the result of the coin.

Signatures

Rosemond Dorleans

Rosemond Dorleans

John Parsons

John Parsons

Arman Rahman

Arman Rahman

Hugo Zul

Hugo Zul