

Team Contract

“Separation of Concerns”

- Backend
 - Jamie and Prabhav will be responsible for creating the backend architecture. This includes the data modeling, API usage, and concept design as well as functional and unit testing. Both will work closely together and split up functionality in terms of controllers, etc.
- Frontend
 - Marco will use backbone.js to make the entire front end architecture and unit test it using a javascript testing framework.

Challenges:

- Coding
 - Prabhav and Jamie will coordinate in early stages to split up backend coding since Prabhav will be travelling for three days during the first coding period before MVP.
 - All will coordinate in very early stages to establish backend/frontend interfaces so that each can proceed independently
- Deadlines
 - Daily “scrum-style” meetings will prevent missing deadlines set in weekly TA meetings. If part of the project consistently falls behind schedule, the team will meet to discuss a possible reduction in scope of that part of the project.
 - If for some reason deadlines are still not met and in the unlikely event that a team member is not responsive, we will make the utmost effort to resolve it ourselves. Since we live together this should be relatively easy. If all else fails, we will seek help from the course staff, though this is a last resort and we don't intend on ever reaching this stage.

Expectations:

- First and foremost, each member will be responsible for putting in an **equal amount** of work. Since we all live in the same fraternity house, the expectation is that we will have daily “scrum-style” meetings to update other members on progress and make sure everyone is in sync. We will have internal milestones that we want to achieve, using the class MVP presentations as the larger milestones.
- Weekly meetings with TAs will be used to establish progress on both the frontend and backend. These meetings will include short demos of functionality to ensure that the project is on track.
- We will first create a design document that will outline the scope of the project as well as interactions with users and outside APIs. Any subsequent deviations from the design document will be discussed as a team.