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Project: Group finder

Make it easier and more effective for MIT students to find groups for their projects.

Purposes:

1. Make it easier to find project partners

It is really difficult for MIT students to find project partners-especially so in classes where you have to have multiple different groups of partners. Usually people just work with those they already know or people they live close to. We want to make that problem easier for MIT students who want to get straight down to business rather than taking a few days to find eligible group partners.

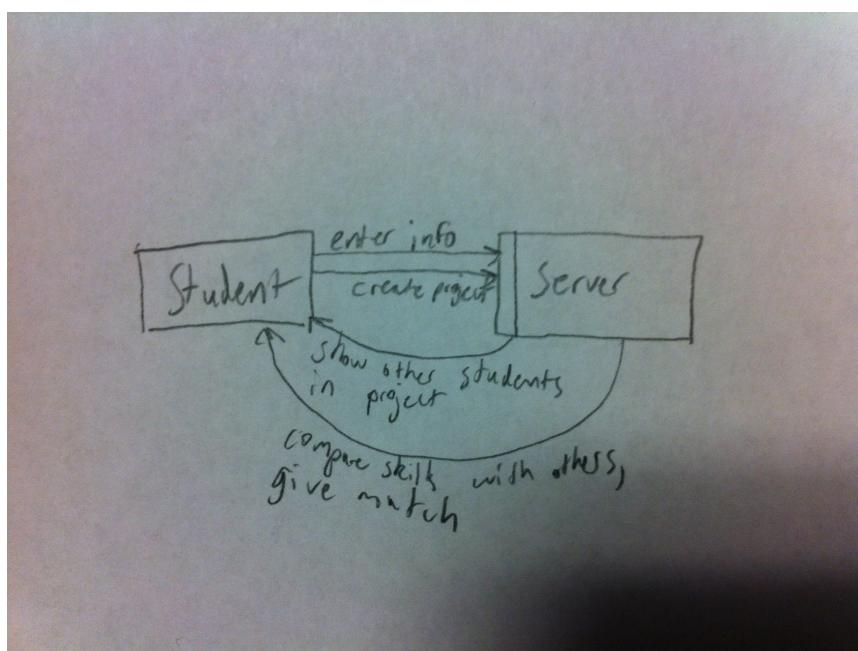
2. Give people criteria on which to find better matching groups

Schedule, location, and skill sets are all things that are much more easily expressed online than they are in a simple conversation that might start something like 'do you want to work with me'.

3. Give recommendations of what combinations make a good group.

We could give recommendations to people about what makes a good group. If you have someone who is reviewed as an excellent leader who is working with another leader, they will butt heads and not work well together.

Context- One option we have is to use some outside scheduling API, or we could just use some scheduling framework to make our job slightly easier. I think we should probably just use a scaling framework and rely on as few outside parts as possible. This would leave us just interacting from student to server.



Concepts:

Project: The building block of our idea. User created, joined by other users

Student: A student has skills, and availability that can be used to match up users to other users.

Skill: A student can have some specified skills that will help other people select based on skill sets

Availability: A student should have an availability so that we can use that to compare users

Filter: A student may specify a given filter they want to build their group choice on

Students may only add ratings of skills to other students- kind of like how recommendations work on linkedin.

