Teamwork Plan

Requestr

Stakeholders

The intended users here are MIT students looking for help (requesters), and MIT students willing to offer help (helpers). The requesters will be looking for help with small, distinct tasks like moving luggage, arranging furniture, or advice on a problem set.

Tasks

Key Deadlines:

- **Revised Design** - Due Thursday, November 19th.
- **Minimum Viable Product** - Due Monday, November 23rd.
- **Gold** - Due Sunday, December 6th.

Task Planning

1. Models
   a. User Model (1-2 days) (William)
   b. Request Model (1-2 days) (David)
   c. Messages Model (1-2 days) (William)
   d. Reviews Model (1 day) (David)
2. Views/Controllers
   a. Home Page (log in / sign up) (3 hours) (Rishad)
   b. Registration Page (create new User) (3 hours) (Johnathon)
   c. User Home Page (1-2 days) (Rishad)
   d. User's Requests (as Requester) (1-2 days) (Johnathon)
      i. Candidate Helper Info (1 day) (Johnathon)
      ii. Send Message (1-2 days) (Johnathon)
   e. User's Requests (as Candidate/Accepted Helper) (1-2 days) (Rishad)
   f. User's Info Page (1 day) (Rishad)
   g. Messages (1-2 days) (William)
   h. Request Search (2-3 days) (David)
   i. Helper Search (1-2 days) (David)

Risks

Inappropriate Requests / Request Filtering

It is entirely possible for someone to make a completely inappropriate request, harming another user's experience. The current mitigation we are thinking of for this is to filter requests based on a banned word list.

Feature Creep

This project can include a lot of interesting features to make it more feature complete and social media-like, but adding too many features can lead to unwanted crunch time. We have clearly delineated our goals with this project, and will maintain our current feature list to the best of our ability.

Minimum Viable Product

- Users can register accounts with username and password.
- Users can fill in identifying information (name, skills).
- Registered users can create requests.
- Registered users can view a list of open requests.
- Registered users can become a candidate helper for a request.
- Requesters can view the identifying information of candidate helpers.
- Requesters can accept a Helper for one of their requests.
- A requester and a helper for a request can communicate through messages.
- A requester can declare a request complete.

Other Features

- Requesters can add tags to requests.
- Users may filter open requests by tag.
- When a request is complete, the requester and helper of that request can submit reviews for each other.
- Requesters can view the review history of candidate helpers.
- Users can search for Helpers based on skills.