Quinn Colognato, Ameya Barve, Mary Cotrupi (Team 7)
Professor Plotka
Intro to ITWS Section 1: Term Project Proposal
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MentorMatch

Our application, MentorMatch, aims to match students with tutors who fit their needs. Students with previous course experience can sign up to tutor students who need assistance in certain classes. Other students who may need a bit of guidance in classes can swipe either "left" on tutors who may not be a right fit for them, or "right" on tutors that they would want help from. When a student is looking at a tutor, they will be able to see the tutor's subject focus, rating, past experience, and more. After looking through this, students can decide whether they would want this tutors help or not. There will also be a filter option so students can search through tutors for a specific class at RPI. Although other tutoring sites may exist, MentorMatch strives to revolutionize the tutor finding process by making it both effortless and enjoyable for our users.

This project is intended to serve RPI students in need of help with their coursework. Currently, we plan on having tutors adopt a focus in either Math, Science, or English. Unless chosen not to, users can choose a tutor from any of these three subjects, even if the topic they need help on does not relate to the topic the tutor focuses on.

MentorMatch is different from other applications, as its purpose is to offer a fun twist to finding a mentor for you. While other tutoring applications may require you to fill out multiple forms to request help, our application simplifies this process. This is done by ensuring users spend as little time filling out tedious forms as possible. When using MentorMatch, only an account is needed to find a tutor. Additionally, MentorMatch allows users to choose their own tutor, whereas other tutoring sites might auto-assign users a mentor. MentorMatch also allows students to be mentored one-on-one at any time that is good for the tutor and student. This allows for much more flexibility then the current-set office hours for classes.

The inspiration for MentorMatch comes primarily from the popular online dating app, Tinder, which is famous for its swipe and match feature. We first considered academic stresses that college students face and thought that a readily available, easy-to-use tutoring service could

be a solution for quick questions; That too, without the hassle of navigating across campus. The Tinder inspiration also makes this application more fun and possibly more appealing to college students. Furthermore, demand may be higher for this type of tutoring application at RPI. This can be attributed to the school's rigorous curriculum, and to the extensive queues during office hours.

Project Roles:
- Website design/layout: All
- Getting data for tutor user profiles/putting it into database: All
- Home Page: Ameya
- Signup Page: Mary
- Login Page: Quinn
- Swipe Page
  - HTML: Quinn
  - CSS: Mary
  - Javascript: Ameya

Focus Areas:
1) HTML, CSS, graphics for page layout and design
2) JavaScript interactivity to improve user experience (e.g., from simple to more complex…)

Information Architecture Diagram