



Team 28 Product Backlog

Curtis Maves, Geoffrey Myers, Jonathan Poholarz, Zachary Rich

Problem Statement

Finding someone to study with or a tutor for a class can be a difficult and time consuming task. With that, many potential tutors remain underutilized by their peers. The aim of our project is to bridge this gap by letting students sign up to our app and search through their classes to find students or tutors to work with.

Background Information:

Audience

The target users of our project consist of college students who are looking for other students or tutors to learn from as well as tutors looking for students to mentor. Initially, the application will be only available to those with a .edu email, but, if time permits, we may open it up to other participants.

Similar Applications

There are a few applications that are similar to our project, but none are close enough to what we want to accomplish with our app. For example, Piazza's message board is similar to the message board that we want to integrate into our project. There are also some smaller apps like Tutor Finder on the Google Play store, that have mostly the same features as our project.

Limitations

The limitations of similar apps, such as Tutor Finder, are that their scopes are too narrow. Tutor Finder is only available to those in Bangladesh, whereas our app will be available to anyone with a .edu email address. Along with that, our app will have a message board where students can post questions, something which is not a feature of Tutor Finder. The message board feature is similar to what Piazza provides, but Piazza lacks the ability to directly message other students and tutors. It also lacks the ability to connect with other students and tutors.

Requirements:

Functional

1. As a user, I want to sign in.
2. As a user, I want to select a class.
3. As a user, I want to create a profile.
4. As a user, I want to upload an avatar.
5. As a user, I want a notification when someone answers my ad.
6. As a user, I want to message other users.
7. As a user, I want to post to a message board for a class.
8. As a user, I want to create an account.
9. As a user, I want to reset my password if I forget it.
10. As a user, I want to choose if I am a tutor or student, or both.
11. As a user, I want to display what hours I am available.
12. As a user, I want to access this all from a web browser (if time permits).
13. As a user, I want to block other users.
14. As a user, I want to be able to report ads and posts.
15. As a user, I want to be able to pay or tip a tutor (if time permits).
16. As a user, I want to create a group conversation (if time permits).
17. As a user, I want results filtered to my school.
18. As a user, I want to be able to delete my own post or ad.
19. As a user, I want my messages to be private (if time permits).
20. As a user, I want the app to be visually appealing.
21. As a student, I want to post an ad.
22. As a student, I want to be able to rate tutors.
23. As a student I want to filter results.
24. As a tutor, I want to list my classes.
25. As a tutor, I want to post an ad.
26. As a tutor, I want to list my prices.
27. As an admin, I want to ban users.
28. As an admin, I want moderating capabilities of ads and posts.
29. As a developer, I want well-documented code.
30. As a developer, I want to take a cut of payment through the app (if time permits).

Non-Functional

1. The app will run on android devices
2. The app will run on other platforms, such as iOS (if time permits).
3. The app will be accessible from the web (if time permits).
4. The app will connect to a back-end webservice and database, such as mongoDB.
5. The app will be simple to use and easy to navigate.
6. The app will be quick and responsive.
7. The system will be able to handle multiple users.