Study Buddy

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Problem Statement

You missed class for some reason and the professor doesn't post the notes on blackboard. At this point you have no way of getting what the professor was talking about and you know don't anyone in the class. Our application helps you connect with other students from the same class. Even beyond that, it can be a way for you to find others with similar hobbies. For example, when you need a spotter in the gym, or if you just want to play ping pong with someone.

Background Information

For many students, meeting other classmates can be a challenge. Meeting someone who would like to study together can also be difficult. Our application aims to make it easier for students to connect with like-minded, class oriented peers at Purdue University. At this point in time, there are no similar applications that help students meet fellow students that we are aware of. While sites and applications exist for the purpose of meeting new people, there are none that place an emphasis on meeting someone to study with.

Requirements

Functional:

1. As a user, I want to be able to login using my Purdue email and password.
2. As a user, I want to create a profile for other students to view.
3. As a user, I want to be able to manage my profile (bio, etc.).
4. As a user, I want to be able to upload a picture.
5. As a user, I want to enter my current classes.
6. As a user, I want to enter other interests so that I can be matched with a more compatible individual.

7. As a user, I want to be able to enter classes that I'm not currently taking.
8. As a user, I want to see a list of suggested classes while typing a class in.
9. As a user, I want to be able to specify whether I am looking for a group of students or just one.
10. As a user, I want to be able to enter a short bio to describe myself.
11. As a user, I want a "feed" of announcements about classes I've enrolled in.
12. As a user, I want to be able to post to the announcements feed for each of my classes.
13. As a user, I want to view other people's profile.
14. As a user, I want to communicate with other students before meeting with them.
15. As a user, I want to be able to meet with students as a group.
16. As a user, I want to see students who are in the same classes as me.
17. As a user, I want to see contact information for the students I am matched with.
18. As a user, I want to be able to customize my notification settings.
19. As a user, I want to get a notification when contacted.
20. As a user, I want to be able to chat with and send messages to other students.
21. As a user, I want to view my chat history.
22. As a user, I want to be able to report other users for inappropriate conduct.
23. As a user, I want to be able to block other users so that I do not see their messages.
24. As a user, I want to be able to customize the look and feel of the application.
25. As a developer, I want to match users based on what classes they are taking and interests they may have.
26. As a developer, I want users to be able to provide feedback.

Non-functional:

1. As developers, we need our application to run on Android devices.
2. As developers, we want our application to be simple, straightforward, and easy to use with little to no introduction.
3. As developers, we want our application to utilize a clean and professional user interface.
4. As developers, we want to use the Purdue.io api to retrieve a list of current classes.
5. As developers, we want our application to have no bugs if possible.

6. As users, we want our application to be as fast as possible without sacrificing features of the app.
7. As developers, we must be able to accommodate as many users as possible.
8. As developers, we want to store as little data on the client device as possible.
9. As developers, we want our database system to be scalable.
10. As a user, I want to be able to see all relevant information with minimal effort.
11. As a user, I want to always be able to access the app.
12. As a developer, I want to reduce server downtime as much as possible.