CS 407 Project Charter

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Problem Statement

When we join a new course we are always looking for someone to study with and get help with homework. TAs are not always there to help us. Also, there is no efficient and user-friendly system in place for Purdue students to connect with their classmates and form study groups and get help on homework. Our app will help students to find other students by offering them a search mechanism, random pairing, and an intuitive personal messaging system. We will provide a system through the use of an Hybrid application which will work on cross platforms making it user friendly on all mobile and web applications.

Project Objectives

- Support user registration and login.
- Create a mobile and web application that will help students to randomly connect with other students in order to study together.
- Implement the ability to select a course in which we are seeking help from a drop down list of courses offered by Purdue University.
- Enable users to send and receive messages.
- Ability to view all conversations in a separate message windows.
- Develop a server based backend to allow the storage of user registration.
- Ability to send notifications when request is matched randomly.
- Create an API which will manage user profiles, and, settings and preferences.

Stakeholders

Users: The user for this application would be any student looking for a buddy to study with.
Developers: Apoorva Parmar, Josh Radochonski, Dennis Chia, Brandon Xia, Srishti Gupta
Project Manager: Apoorva Parmar
Project Owner: All members of the team working on the project.

Deliverables

A hybrid(web and mobile) application to connect students who want to study together.

Platforms and Frameworks:

- Appgyver (hybrid applications)
- Java and Jersey API (Back-end)
- HTML, CSS, AngularJS (Front-end)
- Postman for API testing
- AWS for hosting the server
- MySQL (Database)
- GIT