Team 12

Daniel Cruz, Himal King, Nick Schumacher, Josh Stuckey, Michelle Young

**Problem Statement:**

While going to school full time, classes can get tough and some students require additional tutoring. Purdue University, however, doesn't have a spot dedicated for students to find tutors, or for tutors to offer their services. While bulletin boards with papers offering tutoring services exist throughout almost every building, our system will offer a fast and reliable way for students and tutors to connect from anywhere, at anytime, via an intuitive interface.

**Project Objectives:**

* Build an intuitive web application to pair students with tutors. Thus, making it available on any device that can load a webpage.
* Dynamically retrieve a list of classes from the university which students can offer or request tutoring.
* Offer an interface for individuals to build personal profiles as either a tutor, student, or both.
* Build in the ability to contact students/tutors via built-in message system.
* Integrate a scheduling aid for coordinating tutoring sessions.
* Make the overall system easily scalable for future expansions to other universities.
* Embed a tutor review system so students can rate their experiences with their tutors.
* Offer a way for students to form study groups and share study materials.
* Implement a payment system.
* Implement a maps interface to easily locate meeting points.

**Stakeholders:**

We, as the development team, are the sole stakeholders for this project.

**Project Deliverables:** Our system, built as a web application in a variety of markup and programming languages for optimization purposes, will be an intuitive interface where students and tutors can connect. Individuals will create personal profiles which they will use to interact with others within the app. Tutors will choose, from the list of classes taken the university, which classes they will offer tutoring. Students will be able to search by class to find a tutor specific to their needs. Students will also be able to form their own study groups by listing the group in association with the class they’re studying. Finding a meeting location will be made simple with a built-in maps GUI.