Team Number: 202-2
Team Name: Probable Hedgehogs
Members: Patrick Faulkner, Michelle Tran, Kevin Lawton, John Ortiz, Kai Hueske-VanCeylon

Application Name: TutorTaker

Application Description: TutorTaker is a mobile app that provides an easy way to connect students and tutors. Tutors and students can create profiles and connect based on subjects, ratings, locations and a variety of other factors. It will help tutors to have an easier way to publicize their names, allowing them to focus on tutoring rather than outreach. It is a one place stop and shop for students to view all available tutors in their area and allow them to filter their preferences to be best suited for them.

Students searching for a tutor will be able to filter through tutors based on location and subject. Once they have filtered down, they will then be able to view profiles of tutors and see their preferred pronouns, style of tutoring (in person, video chat, instant message), payment option, price, location, ratings, subjects, picture, and education (major, degree etc.). Once a student has found a tutor they're interested in they can message them. From there a tutor can view the students profile and see similar information and decide if they will take on the student. If a student does not pay, we will suspend their account till they pay (in extreme cases delete their account and report to authorities).

Vision Statement:
Achieve your academic goals by connecting with your own personal tutor

Version Control:
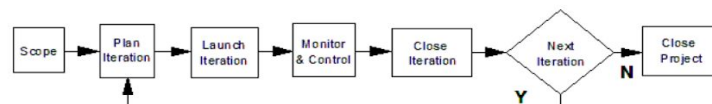> **Meeting Logs:** https://github.com/OrtizJohn/Team-Meeting-Logs_WebDev.git
> **Milestones:** https://github.com/OrtizJohn/Milestone_Submissions_WebDev.git
> **Source Code:** https://github.com/OrtizJohn/TutorTaker.git

Development Method:
We will use a hybrid Agile/kanban methodology because of its focus on working code and responsivity. We will have a week-long sprints, from Wednesday to Wednesday, and use the kanban feature in Github to track our progress. We'll use kanban to manage our backlog, creating new projects for every sprint as well as having a kanban for the overall product in the GitHub repository TutorTaker.

Agile – iterative model

Scope → Plan Iteration → Launch Iteration → Monitor & Control → Close Iteration → Next Iteration → (Y) Plan Iteration / (N) Close Project

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Data Communication Plan:
We will be communicating outside of meetings via GroupMe and a group Slack.

Proposed Architecture Plan: We will be using Visual Studios for both our frontend and our back end using C++ for coding. Store all our data with Node.js on a server. We are using a graph to connect different networks (users, tutors, and admin).

Meeting Plan: We agreed to meet on Mondays and Wednesdays from noon to 1pm. Our main location is currently the Math Library. We plan to meet face to face.