

# Teamwork Plan

## Stakeholders

Professors - use in their classes to gather feedback and improve lectures

Students - use in class to provide feedback for professor

## Resources

We are busy MIT students, which means we only have limited time to work on this project each week (~10 hrs each). Outside of this, we have no planned resource constraints.

If we do find ourselves with extra time, we will look into the possibility of creating an IoT-enabled orb, which may cost us a small amount of money (which we would cover ourselves).

## Tasks

All members will end up touching all parts of the project; however we've decided that ownership of each component will be split up as follows:

Implement Schema - Matt, Nick, Eddie

Implement API + Testing - Matt, Nick, Eddie

Create Graph - Nick

Add Commentary to Graph - Matt

Figure Out Sockets - Kulpreet

Create User Interface/Templates - Kulpreet

Adding Handlebars.js - Eddie

Calendar:

11/18 (**MVP**): All features except comments implemented

11/25: Implement comments

12/2 (**Final**): Make code more robust

## Risks

Sockets - only one of us has used them before

Making sure we can keep track of how many students are logged in

Graph - figuring out if it is feasible to update the graph every time the score changes

Comments - figuring out how to represent them in a useful way

## MVP

Our MVP will include a lecture session that can be created from our home page. Creating a lecture session will take the Lecturer to the Lecture Dashboard which will provide the Lecturer with the Student session URL. The student session URL will be shown to the class at the start of the lecture. After which, the students will log into the link and an identification cookie will be created. This is a security feature so that a malicious user cannot be counted multiple times. On this page the student can toggle between confused or not confused states. The Understanding Score of the class will be updated on the Lecture Dashboard of the session creator in realtime.