

InClass

Team Members:

Case Wright, Pat Fortunato, Nicolas James, Patrick Sullivan, Evan Klein

Problem Statement:

Many students are familiar with the various attendance applications professors use in class including Hotseat, Tophat, iClickers and Kahoot. Each of them have various useful features, but the features are spread out in different applications and not consolidated into one application. Our project, InClass, solves this issue by including a broad range of features, including class attendance via a QR code and geolocation of students, in class quizzes, file sharing and more. Additionally, our project is totally web based to avoid cluttering students devices with unnecessary app and desktop applications downloads. InClass aims to be the single comprehensive solution to professors and students needs during class.

Project Objectives:

1. Let students sign into the class session by using the phone camera to scan a QR code
2. Allow professors to share relevant documents with students for that class period
3. Allow students to follow along with professor's slides live on their own devices
4. Let students participate in online surveys and quizzes during class that are set up by the professor.

Stakeholders:

- Project Owners: Case Wright, Pat Fortunato, Nicolas James, Patrick Sullivan, Evan Klein
- Project Coordinator: Yi Sun
- Developers: Case Wright, Pat Fortunato, Nicolas James, Patrick Sullivan, Evan Klein
- Users: Students and teachers who want to more easily interact with each other mid-lecture

Project Deliverables:

- Provide a way of taking attendance via a QR code and geolocation
- Instructors can give multiple choice quizzes in class

- Instructors can share files in class so students can have access to them
- Show students live slides from the professor
- Develop the application with Angular, JS, Rails, and Protractor