

Project Release Plan

E-tendance
January 23, 2018

Team Midnight Cobra

Team Members:

Matthew Dunn - Product Owner / QA Engineer

Katelyn Suhr - Scrum Master

Joey Aronson - UX/UI Developer

Anisha Tavva - Developer

Darren He - Developer

E-tendance

- An android app designed to replace iClickers.
- Professors would set up a corresponding class code where students could join only if they are in the correct proximity of the class based off their phone locations.
- Professor can poll, quiz, or ask free response questions to their students
- Other features may be added in future sprints
- This app will be FREE (not \$40) and easy to use

Sprint 1 user stories each labeled with assoc. high-level goal

1. As a professor, I want the app to be streamlined and easy to use so that class time is not wasted setting up the classroom.
2. As a professor, I want to be able to send quiz questions out to students so that I can gauge the class's understanding
3. As a student, I need my profile to be saved so that it is easy to use once everything is set up.
4. As a student, I want the app to be easy to use and straightforward.

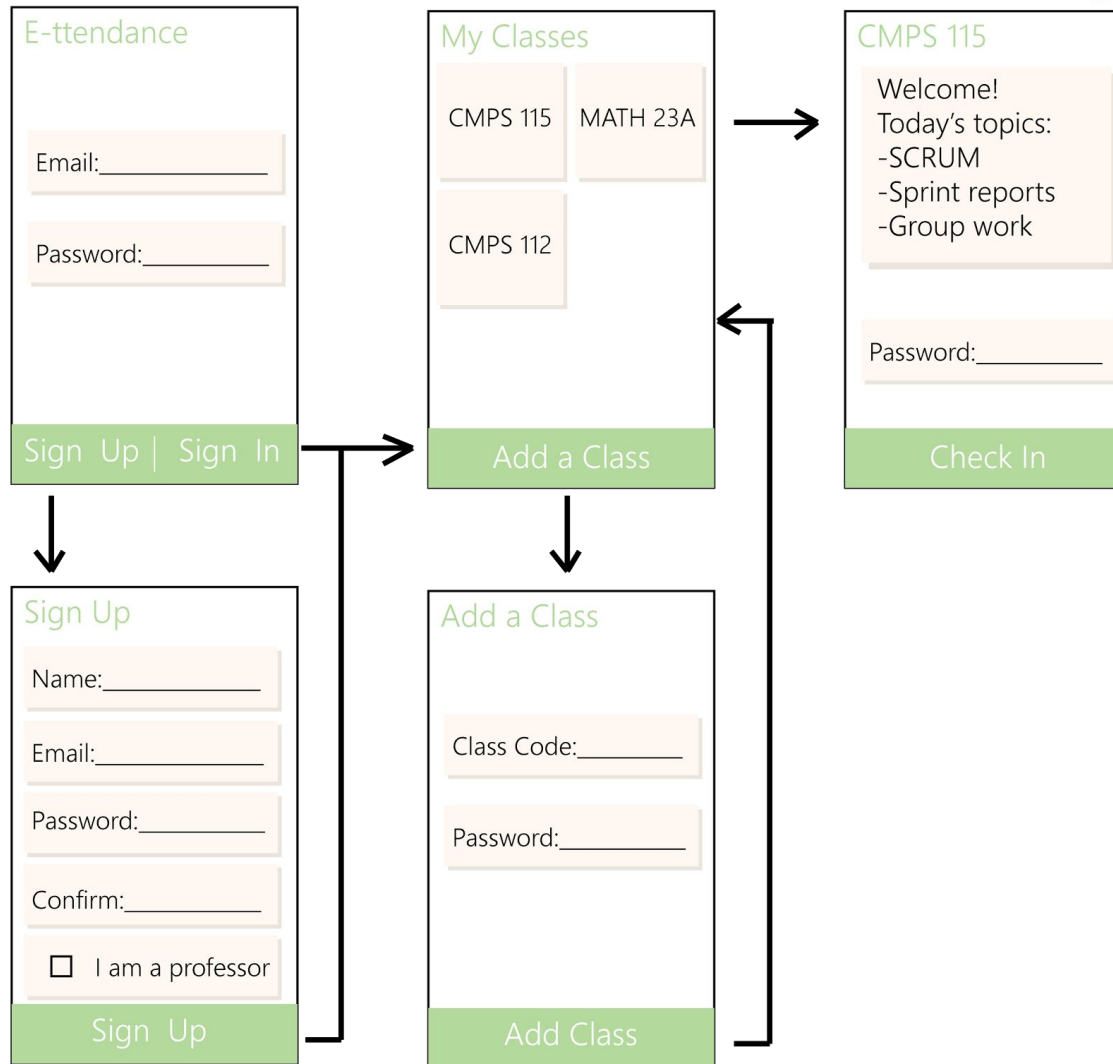
Sprint 2 user stories each labeled with assoc. high-level goal

1. As a professor, I want to save my attendance records and have statistics involving the questions/polls I sent out.
2. As a student, I want to save all the questions the professor asked along with the correct answers to study for a later time.
3. As a professor, I need to ensure my students are physically in the classroom, using their geolocation, when using the app so they do not share the code with students not attending lecture.

Sprint 3 user stories each labeled with assoc. high-level goal

1. As a professor, I want to generate a new class code for my students to differentiate the ones that go to class versus the ones that don't for that certain day.
2. As a student, I want to be able to view student averages for questions that were asked , so I can view where I stand in my class.
3. As a professor, I want to be able to easily access each individuals(students) progress.

Project Release Plan – Architecture



Project Release Plan - Challenges/Risks

E-tendance

Challenge/Risk 1 Set up both the student & professor client side.
This involves having different modules, features, and access credentials depending on the user

Challenge/Risk 2 Synchronizing database with app

Challenge/Risk 3 Learning how to use maps and location services in Android in order to develop an app with Geolocation.

Challenge/Risk 4 Setting up a code verification system for the students to use and sign in

E-tendance

Technology 1 Java

Technology 2 Android Studio, Jira, Github

Technology 3 Firebase Database + Additional API's as needed