

Release Plan-CMPS 115

Team Members: Anisha Tavva, Katelyn Suhr, Darren He, Matt Dunn, Joey Aronson

Team Name: Midnight Cobra **Product Name:** E-tendance **Release Name:** E-tendance 1.0

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High Level Goals: (Goals highest - top of paragraph) As a team, our main goal is to be able to create an android app that will replace the use of iClickers. This will support students financially such that they would not have to purchase an iclicker for their courses as well as allow students to be easily engaged in their class with a simple app. There are multiple goals that we want to be able to accomplish at the time of the release of the product. We want to provide a method for professors to be able to set up a class code that will allow students to be able to join the particular class section if and only if they are in the correct proximity of the classroom based on their location. We also want the app to automatically suggest classes that can be added by the students based on their schedule for that specific quarter. We want the professors to be able to poll, quiz, and ask a variety of questions for their students. We would also like to add a online discussion section that allows students to discuss test answers as well as allow students to be able to ask any questions that they have regarding the class.

User Stories for Release:

- **Sprint 1**

User Story 1: As a professor , I want the app to be streamline as well as be able to be used easily so that extra time does not need to be wasted in setting up the technology in class.

User Story 2: As a professor, I want to be able to send quiz questions out to students I can gauge the class's understanding.

User Story 3: As a student, I need my profile to be automatically saved so that everything is easy to use once everything is up and running and I won't have to continuously keep reading information for my profile.

- **Sprint 2**

User Story 1: As a student, I want to save all the questions the professor asked along with the correct answers to study for a later time.

User Story 2: As a professor, I want to save my attendance records and have statistics involving the questions/polls I sent out.

User Story 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 Story 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.

User Story 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.

User Story 3: As a professor, I want to be able to easily access each individual's (students) progress.

Product Backlog:

As a professor I would like to easily and quickly analyze trends in my student's data. -we could implement graphical representations of a class's data.

As a student who doesn't have a smartphone I would still like to use the features of the app. -we could create a web interface that communicates with the database.

As a professor, I would like my students to not only know if they got the attendance quiz correct but also how their answers compare with that of their fellow students. - we could create a results page on each device that displays the class's results on the attendance quiz visually after polling is complete.

Project Presentation: see presentation slides.