

Release Plan

Product/Team/Release Name: Amnis

Release Date: December 13th, 2018

Revision: 2.0

Revision Date: October 10th, 2018

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High Level Goals:

With Amnis, we are aiming to drastically improve the current webcast system by making it much more interactive and user-friendly for students. Our high level goals include incorporating a livestream web interface, a tagging feature to find highlights in the video easily, and a chat-based Q&A client sorted by popularity. A verification system would be set-up in order to provide a different portal for students and professors. Professors would be able to put up classes and allow students to access lectures online. We also hope to include an important deadline detection feature and iClicker integration. In addition, we are looking to incorporate prototype testing and continuous integration in order to build a complete website as part of our main goal.

User Stories:

(Story Points)

Sprint 1

(8) As a student, I want a livestream webcast so that I can still keep up with the in-class material even if I am unable to attend a lecture.

(5) As a student, I want to be able to interactively chat with other students in real time so we can both ask and answer questions pertaining to the lecture.

Sprint 2

(8) As a student, I want to see the different subject tags mentioned in the lecture and when the professor talks about them so that it is easier to review the most important subjects.

(3) As a professor, I would like to be able to verify the students participating in the live stream lecture as a supplemental means of tracking attendance.

(3) As a student, I want to be able to login easily using my student email to access the website so that I can interact with other students and view the live stream webcast.

Sprint 3

(13) As a student, I would like to see the most asked questions from a lecture so that I can study the important concepts mentioned in that lecture.

(3) As a professor, I would like to encourage students to ask questions regarding the material in any situation.

Sprint 4

(8) As a professor, I would like an iClicker feature so that students who are occasionally unable to attend class in person can still participate from home.

(5) As a student, I want to see the important deadlines set for the class just in case I missed anything.

(5) As a student, I would like a user friendly interface that combines the benefits of a live lecture, webcast, and piazza all on one website for convenience.

Product Backlog:

All of our higher level goals made it to our release plan because we felt they were essential to our overall idea. With that being said, a significant amount of our higher level goals require a lot of work. As a result, our product backlog could potentially include the iClicker feature and a more polished user interface.

