Sprint 4 Report

Product/Team Name: Amnis
Sprint Completion Date: December 2nd, 2018
Revision: 1.0
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Team Members: Tejas Manjunath (Product Owner), Rishab Jain, Adit Bhagat (Scrum master #1), Vishal Damojipurapu, Shridhik John, Nishith Modi (Scrum master #2)

Review:

For our final sprint, we focused on putting together a fully integrated final product. We encountered an issue with ajax, so we had to change technologies in the middle of our sprint to axios and redux. We also created a separate home page and a page for the livestream discussion forum as well. We finally completed the google login system, so now that there is login pop up. Once signed in, each user is associated with their email. If you are a professor, you are able to add new links for the lecture videos (and add lecture titles), as well as view a list of all the lectures created; if you are a student you can view all the lectures that have been added. The lecture list is updated from the lecture schema for the database, which was created in this sprint. Additionally, the tagging feature is complete. Now, the tags appear at the bottom of the page and link you to a helpful website. Lastly, we polished the UI and made it more user friendly and appealing for our release.

Actions to stop doing:
- Scheduling meetings at night and the following afternoon because not a lot of work can be completed in that short of a time span
- Spending more time focusing on UI rather than functionality

Actions to start doing:
- Clean up/comment code so it is easy to read,edit, and debug by other team members
- Focus on completing final tests
- Prepare for the final presentation and submission

Actions to keep doing:
- Show up to meetings on time and let other team members know in advance if you can't make it
- Work in small pairs to divide tasks and take turns to get help from partner

Work completed/not completed:

Completed user stories:
- User Story: 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. (13 story points)
- User Story: As a student, I want to be able to login easily using my school email to access the website so that I can interact with other students and view the live stream webcast. (3 story points)
- User Story: As a student, I would like to see current and previous lectures so that I can use them to participate in class and review material from past lectures. (5 story points)

Not Completed:
- User Story: As a professor, I would like to be able to verify the students participating in the live stream lecture, as well as manage a class system for students to join. (5 story points)

Work completion rate:
- Total user stories completed: 3
- Total estimated ideal work hours completed: 14
- Total number of days: 14
- User stories/day: 0.21
- Ideal work hours/day: 1
- Average user stories/day: 0.074
- Average ideal work hours/day: 2.5

Burnup chart:

Burnup Chart