

## Sprint 4 Plan

### **Coursierge**

Spring Completion Date: June 5th, 2018

**Goal:** We want to finish and polish our screen sharing feature as well as improve the quality of life(in terms of more features) for both professor and students.

<b>User Stories:</b>	<b>Tasks:</b>
As I student, I want to be able to easily ask a question to the professor without having to type it out so it is easier for me to convey my question.	Implement Audio requesting feature for students(subscribers)(9+ hours)  Implement a responsive feedback for professors getting a notification when a student wants to ask a question.(9+ hours)
As a professor, I want to be able to share my screen so other students can see what materials I am referring to during lecture.	Implement and optimize screen sharing feature for professors.(8+ hours) cumulative  When professor backs out of the app, the screen sharing feature should still work. Run as a background service or remove the onPause method when home is pressed. (8+ hours) cumulative  Let students seamlessly connect to the screen sharing window and be able to clearly see what is going on during the stream session. (8+ hours) cumulative
As a professor, I want to be able to ask a question to the entire class and then see all their responses so I can gauge their understanding of the material during the lecture. Or to check for attendance.	Design and implement a feature where a professor can ask students questions in real-time. Data should be saved either through database or the cache. (10+ hours)  Students should also have a button to quickly see all questions and be able to answer prompts immediately. (5+ hours)  Give the ability for professors to clear the

	<p>current list of questions and be able to populate the list with new questions on the fly. (3+ hours)</p> <p>Have a feature where professors can see all responses to a question with numerical data (7+ hours).</p>
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Total Hours: 43 hours

### **Team Roles:**

Developers: All members

Initial Task Assignments:

Khoa Hoang:

- Design and implement audio requesting feature.
- Work on firebase implementation for professor-student questions

Ronuel Tang:

- Make sure team's documentation is in order for acceptance test
- Unit test suites

Phil John:

- Work on new UI functionality
- unit test suites

Srihari Dasarathy:

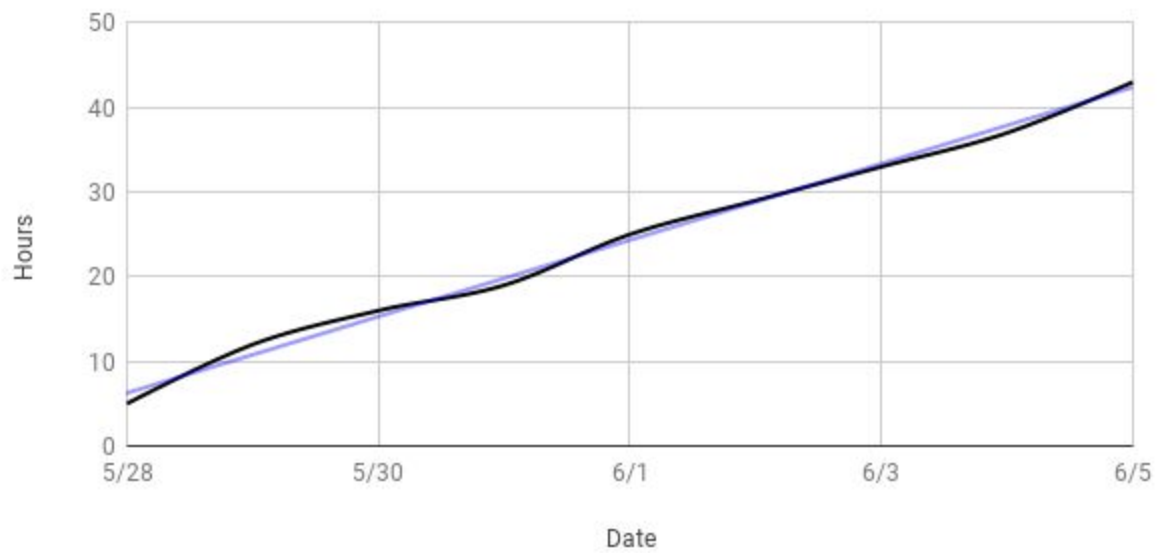
- Finish file screen-sharing implementation and optimize video quality.

Chris Vu:

- Assist Khoa on firebase implementation and audio requesting feature
- Assist Srihari on screen sharing feature

## Coursierge

Sprint 4 Burn Up Chart



Scrum Board:

<https://trello.com/b/NGfWKFW0/coursierge-sprint-4>

Scrum Times:

MWF after 1:30 PM