

Sprint 2 Retrospective:

Self reflection:

Lincoln Briscoe: During this sprint I found I had stepped back due to other assignments creeping in, I had attempted to focus more on the planning side but it seems that even that wasn't enough. Next sprint, I will focus much more on the planning side of the sprint working on refining absolutely everything in the backlog and making them incredibly detailed. If, after all that is done I have time, I will work more on the website, making it look nice and adding some functionality

Christian Zubcic: This sprint came with a lot more hurdles than the first one. I found that coding in a new language that I was unfamiliar with created many issues with respect to the way data could be retrieved and handled. I found that it paid to explore many different approaches when attempting to create something functional rather than committing to a single process and spending too much time trying to make it work. This also reiterates the need to emphasise the planning process more.

Cameron Humphreys: Throughout the course of this sprint I was responsible for implementing a way for the students and teachers to communicate amongst each other. This proved difficult and it was found to be more difficult than initially believed. The task ultimately was not completed and moved on to the next sprint. Certain monitoring strategies were implemented throughout the sprint such as asking for help from other team members. In the future I will be sure to not underestimate the difficulty of tasks.

Kyle Bartlett: Compared to the first sprint, there was less uncertainty on the tasks as the roles became more in focus for each team member. The issues became more complex however, as the functionality of the program increased, as did the difficulty of the tasks; this led to an increase in problem-solving between team members, and the team as a whole. I underestimated the time that would need to be taken on a feature, but now for future similar tasks we will have a better understanding of the time complexity. Furthermore, the database requests and querying are far more difficult than first assumed.

Grant Fullston: Really overestimated the amount of time it would take to learn how to code server side and make database requests, which blew out the velocity for this sprint. This sprint was beneficial for setting up all the skeleton code for the whole site for the next sprints to add in new features.

Team Reflection:

During the next sprint, planning and sprint backlog refining should be at the forefront with web development in the back end. At this stage some risk management strategies will have to be put into place as nodejs is incredibly difficult to work with despite what people believe. Risk strategies mainly including strategies to fix the issue with the chat feature being too difficult to implement.

Main things to get done by end of next sprint:

- Sprint backlog items refined
 - All made into user stories
 - All have tasks to complete them
- Try and get file uploads working
- Try and get page routing working i.e. log out button
- Try and get groups working