

## **Sprint 5 Retrospective Meeting**

What went well during this Sprint?

Something that went well was combining the old front-end logic with the new UI. Both the old and new UI still relied on the same basic buttons, the new UI just had everything moved around, so it was pretty simple to put it all together. Another thing that went well during this sprint was expanding the two-person volume scaling code to work with multiple users. We were able to decide on a format, a map, to send information between the server and the client and then use that to adjust the code for both the client and server.

What problems were encountered?

One of the problems we encountered was issues with the old service we were using to provide our servers. It was randomly crashing, didn't allow us to manipulate data in the way that we wanted to, and so we looked for a better option. After a bit of trial and error, we eventually landed on a solution, which we will explain in the next question. Another problem we encountered was our teammate Hitesh leaving us. Another problem that we encountered was that the volume of the calling service itself wasn't actually being scaled even if the distances were being communicated and the volumes should've been calculated.

Were these problems solved? If so, how, if not, why?

Yes, they were solved. We switched to Ngrok, which as stated above allowed us to manipulate data in the way we needed. We had a bunch of issues with other servers, and finally, Ngrok, the simplest option, was able to work for us.

With Hitesh leaving us, we were still able to work at similar times by calling over Discord in the mornings/nights.

We solved the scaling issue because we noticed that the keys and values were swapped when we were sending the data from the server, which meant that we weren't adjusting the correct ID's volumes but trying to adjust the volumes by the ID which is nonsensical.

What are the most helpful changes you can make to improve your effectiveness as a Team in the next Sprint?

One thing we would do differently would be to have all of our team members physically present. Although we couldn't change Hitesh going to India in this Sprint, we would still perform better without these extraneous issues.