

SE 491 – sdmay20-48

Hear Together

Week 1 and 2 Report

9/18 – 9/22

Client and Adviser: Mat Wymore

Team Members

Jessie Rutledge - Communicator/Full Stack Developer

Andrew Peterson - Backend Developer

Malcolm Johnson - Backend Developer

Paul Licata - Full Stack/QA Developer

Richard Smith - Frontend Developer

Roger Ferguson - Test Engineer

Status for 9/8 - 9/22 (2 weeks):

Over these two weeks the group got to know each other, as well as the adviser for the project, Mat Wymore. Overall roles for the project were established, as well as an understanding of what the project is to be, along with the problems to be solved by it. Using the information gained and roles established, we began discussion and made decisions about how the application should approach the problem. The solution agreed upon was an application using a “session system” that can house multiple users and distribute the same conversation to all members. Some knowledge (and lack of it) about android was also brought up and it was decided that the two weeks should be spent on personal time installing and experimenting with android studio along with researching more into the issue the application is to address.

Weekly Summary

The group got to meet each other for the week, as well as an overall definition of done was created. Most of the work was mostly bureaucratic and organizational in nature. Everyone installed android studio and established an ability to connect with the gitlab using it. Research on relevant studies or existing attempts at the type of solution the application addresses were made and shared with the group. Mockups were also created and approved by the customer and adviser, Mat.

Past two week accomplishments

- Jessie: Established communication channels within group. Created slack and provided some information regarding android tutorials. Completed some android tutorials as training for the project. Worked to gain some insight into what the basic requirements are. (~ 6 hours this week, 6 hours total)
- Roger: Established communication channels within the group. Worked to establish requirements with the client and the group. Set up coding environment and confirmed access to slack and other necessary databases. Completed work on required assignments. (~ 6 hours this week, 6 hours total)
- Malcolm: Explored relevant technologies and systems. Completed assignments. Coordinated with group and mentor to generate product requirements. Prepared development environment. (cumulative 6 hours)
- Richard: Recorded voice and contributed to Lightning Talk: Project Plan. Along with researching Android Studio for ways of better implementation of code and steady contribution to slack with team collaboration. (cumulative 6 hours)
- Paul: Completed relevant assignments for the class. Worked on the lightning talk and explored Android Studio. Also downloaded a few similar, competing apps to see how they implement their key features. (7 hours)
- Andrew: Recorded voice and worked on the Lightning talk for the Project Plan. Set up personal dev environment, with Android Studio. Did research on current android hearing aid apps and researched hearing aid algorithms to clarify speech. (~ 8 hours this week, 8 hours total)

Plans for the upcoming week

The group plans to gather more information regarding requirements along with continuing personal research and training in android. The goal is to be capable of writing a concise and informative design document that goes into a level of technical detail that outlines ideas but does not confuse the reader. Development will be looked into but only really started and pushed up to gitlab if and only if a solid plan is made in order to avoid the risk of a sunk cost fallacy entering the project.