For this project I mostly worked on the models and organized the group. Originally I worked on just the speech to text model then once we realized we didn't have enough data, I then worked with Jackson on the text to notes model.

Through this work, I was able to improve my skills involving making and using deep learning algorithms to make multiple models. Additionally I was able to learn good organizational skills as I was the unofficial team lead, having to manage everyone's tasks and make sure we were on track.

In the end we were able to make working models in the end which I would say is a great success. We did run into two main problems that plagued us until the expo. One being hardware limitations and data limitations, both of which lead to the bigger problem that we couldn't make a model big enough for easy generalization.

We were able to make a functional version of our project. The main goal being to take in a lecture audio/video file and return a comprehensive version of notes that a user could use to supplement their notes. There were two versions made, one for the demo which used GPT-3 for the notes, it gave English, and one with our note model.

I personally learned how to organize multiple people to achieve the project's main goals. Our team worked well together and every person on the team was able to finish whatever task was asked of them. The only slight problem we had was being able to meet in person, however we overcame this by doing meetings online. From this, I would say we all put in roughly the same amount of effort overall. I focused more on the models themselves while my other teammates worked on the UI, combining everything, training, and data collection.

I need to commend Jackson for being willing to add Ubuntu onto his laptop so that we could quickly and cleanly train the models. Otherwise we were going to use google collab which was much slower and not as easy to control.