

Individual Report: Francis Tan Wee Ming (A0229963N)

Personal Contribution & Learning Journey

Personally, my contribution to the group was in the following areas:

1. Came up with the initial idea for this project but it was further shaped into what is right today from the contribution of the other teammates. We have a good team and everyone was keen to chip in any way possible.
2. I also did the backend API programming for data manipulation and the key prioritization routine that is used to prioritize the requests.
3. I was also responsible for drafting and producing the short technical video although I did receive input from other team members.
4. Participated in all the scrum meetings.

Learning Outcome

1. The NLP part was useful and it allowed me to get involved in meaningful discussion with colleagues at work who have been working on machine learning problems, especially in the NLP area.
2. Python programming was useful. I have done that for my other courses but never really used it in writing APIs.
3. Writing APIs was also new to me but one of my team member, Ramya, was very kind and helped me to understand the whole framework for API development. There is a lot more to learn about this topic but what she taught me and the hands on experience I gained from coding some of the critical part of the application really helped.
4. Exposure to Mycroft was a real plus. It helped me to understand how IoT devices that captures audio inputs are developed and implemented.
5. I learned to be patient especially for someone like me who is quite an impatient person. I have been in senior management for all these years and I have gotten used to having large team to accomplish initiatives. However, being a part of small team, there was no such luxury and all hands must be on deck. It was not easy but I grew to enjoy it. Again, my teammates were really supportive and that helped.

Knowledge & Skill Application

Recently, at work, I have been roped in to work on computer vision and NLP projects and, although what the course taught us to date are introductory in nature, it does provide some level of understanding that came in handy especially when I had to discuss machine learning with my clients.