

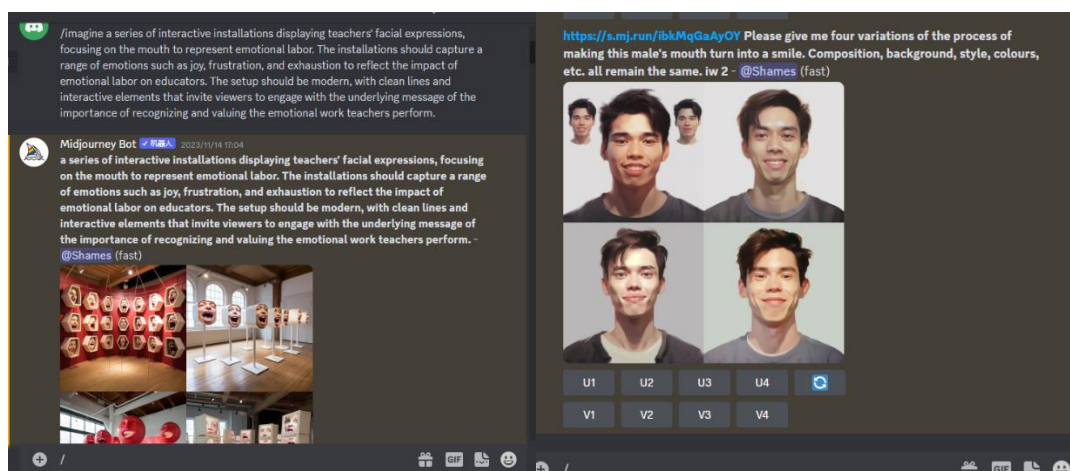
11.7-11.14

During this phase, not only did I continue to devote myself to writing my thesis, but I also actively expanded my technical field, particularly in the area of AI generation of images and videos. I downloaded Discord and joined the Midjourney community to start learning how to generate AI images using the /imagine command. The initial challenges were many and I often got abstract style images that did not match the requirements. To overcome this challenge, I invested a lot of time in learning more effective communication techniques with the Midjourney bots.

At the same time, I also worked on research in the field of machine learning and had a fruitful exchange with my colleague Mayra. Due to encountering barriers with computer terminals and the use of Visual Studio Code, I chose to conduct my experiments and programming work on Google Colab.

In terms of thesis writing, I focused on describing the process of building and debugging the device I designed. This device is the centrepiece of my research and combines advanced sensor technology with innovative programming methods. I have documented in detail every step from the conceptualisation of the design to the actual construction, including how to choose the right materials, how to solve the technical difficulties encountered, and how to carry out the final commissioning. I also reflected on the learning experience during the production of the device, including how I dealt with the challenges that kept coming up and learnt from them.

Through this period of time, I have not only made substantial progress in writing my thesis, but I have also gained valuable experience in technical practice. This phase of my work has not only enhanced my technical skills, but also added practical depth to my academic research.



Midjourney test