Report 3

My work is an interactive installation of cyborg plants (the combination of organism and robot) running on the space. Audiences can view and interact with the hybrid virtual content applying to the environment and the cyborg object through a custom device and apps. This project is the imagination of the future of human with machine, networking, and virtual content, including i) explore hybrid physical and virtual object through a cyborg plant, ii) the interface between human and machine on the space with the AR devices and the robot, iii) the context of how machine implicate in cyberspace.

Last semester I had developed a running system and designed an early step of scenario of the interaction. On report 1, I presented the plant cell study and improve the visual of the cell compare to last semester. On the report 2, I improve the system, visual and design of my project, including i) simplify the framework by using a cloud server, this step can make the setup process easier during the exhibition and improve the stability of the system; ii) using acrylic painted on the cyborg to achieve a painterly visual experiment; iii) a design of holder for the combination iPad and iPhone will be used on the exhibition; iv) a video demonstrate the working scenario and system.

On the final step, I embodied the wood “holder” for iPhone and iPad through laser cut. There are some cute animals was painted on the “holder” to match the texture on the physical vase. I think on the step my project can be consider as done until I need to present it on public. On one hand, if an exhibition is available for graduate student in current situation, I will need an extra step to setup the space for presenting this project. On the other hand, I can document my project and present it as a poser as student session in a conference.