Report 2

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. The topic of my work is the imagination of the future 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 this step, 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. My next step will improve the decoration on both the virtual and physical object and environment, embody the custom device I design and improve its texture, and thinking the best way to show on the final step and how the audience to interact.