

Trien Dau

M13292604

dautx@mail.uc.edu

SELF ASSESSMENT

Part A:

In our Senior Design Project, we decided to go with a Digital AI Voice Assistant ALICE. My main task was to work on the back-end side of the program. Specifically, I built the foundation for ALICE as well as developed its functionalities. This required me to figure out how to implement many different modules and make sure that all of them work together well to avoid conflicts. Since we built our project solely on Python, this is an advantage since there are many available modules that can assist me with developing ALICE's functions. I really got to utilize my organization skills, communication skills, and my personal coding skills.

There are many things that I learnt throughout the process. I got to conduct much in-depth research in Python. To be specific, I learnt about the many different available modules which are powerful. This allowed me to provide ALICE with many amazing functions as it interacts with the users. On the other hand, there were many obstacles that I had to face. While finding out what I can do to make ALICE better, I found out that there was a critical error that could crash the program. Therefore, I had to do a lot of research to find a way around this problem. Moreover, when compiling the program into an Executable. There was an error that prevented us from including one of the more interesting features into ALICE. This was very unfortunate but, in the end, ALICE turned out to be much better than we expected.