CIS-18A Project Documentation

The primary goal of this program was to provide a streamlined way to order services, which would help cut down in-store wait times and face to face customer service interaction by offering an automated alternative to scheduling simple appointments. The aim was to create something simple and user friendly that would require minimal to no employee interaction, especially with the recent pandemic in mind. The target audience for this program is the average customer of a mobile pet grooming service, which could easily include people from all age ranges and demographics. A more specific demographic could also be people with speech-related disabilities, due to the automated nature of the program.

The program functions by providing a series of menu prompts with correlating input accepted for each prompt. The program utilizes variables and control statements to record and display the user’s choice of service, appointment date, appointment time, and the service cost. Each choice is then saved to a receipt text file along with the time and date that the appointment was made.

Some of the program’s strengths are that it is user friendly with menu prompts that are easy to read and understand. Many of the program’s classes are also labeled well with methods that are easy to follow through the code. One primary weakness of the program is that new services, prices, operating hours, and day/time availability will have to be manually updated within the code itself should anything change. The outlook for program improvement is good, as it has a strong foundation to build from with plenty of creative options to optimize and expand upon the program’s overall functionality and purpose.