

My name is Victor Xiao. The original plan and goal for this Python program is to create something that can be used by a business to schedule appointments. Specifically for my program, I am creating it to help a mobile car detailer company. The program should ask the user for their name, contact number, what detailing package they would like to choose, and what day they want their appointment. The program should then display the users appointment details which includes all of their personal information as well as the date, package, and cost of their detailing. Finally, the program will write all that information to a text file and print it as well. The problem that this program could help solve is the issue with planning and making easier for both the detailer and the customer to schedule a car detailing appointment. The actual program will be pretty simple, it will just request the user to input their information and verify that the information is valid. If not it will prompt them again and store the information. We will also use Tkcalendar to display a UI that will allow the client to choose a date for their appointment. The target audience for this program is just every day people that own cars and want their car detailed. There are probably some limitations to the program, such as the verification. The verification is not very specific, for example, it only checks that the user inputted alphabetic letters for their name but that also includes symbols and punctuation. This means if the user only inputted symbols the verification would still let it pass. A recommendation to improve this could be to create lists of the alphabet both capitalized and lowercase. We would then run through the list and make sure the users input is somewhere on that list. Although this would be very inefficient and could take a long time, it would ensure that the verification is accurate and works as intended.