Salon Online Booking

For my final project, I will be doing a database type project. My program will represent an online booking system for a salon. The user will be able to input their name, email address, the date and time of the appointment they would like, and any comments about what they would like to have done during their appointment. As the user inputs their information, the program will check all of the information and the data types to make sure that everything is a valid entry. All of this information will be stored in the database for any future use. Using proper commands, the user will be able to create their profile, as well as schedule their appointment date and time. Once they have their profile and appointment in the database, they will be able to retrieve their information at any time if there are any updates or changes that they want to make. The user will also be able to delete their profile and/or appointment at any time. If time permits, I will try to make it possible so that a manager is able to print out a master list of the appointments and the customers.

Some of the key elements of the program will be data entry and validation. I will need to make sure that each field that the user enters is the correct data type and will be able to be stored as that type in the database without any errors. Another important element of my project will be database communication and storage. This will be the most difficult and most important part about my project; I will need to make sure that everything that is input is saved in the database and that the information can be retrieved, updated, or deleted whenever the customer wants. It is important that all of the user information is stored together for each customer so that it is not hard to retrieve when they want to make a change.