Appendix A

This is an interview between my client and I, discussing the problem she faces that this programming could help

Fai:
As a part of my computer science course, we're doing an internal assessment which is essentially a project in which we program a specific interface to solve problems for a client. As someone with who I interact on a daily basis, I feel that it would be beneficial to both parties if I could program an interface to solve one of your main problems. So I've asked you to have this interview with me as a part of my internal assessment project as well as to get insights into the kind of problems that you want and think could be solved. So with your daily life and school life what are the main problems you face that you think could be helped with programming?

Mom:
With the work I have of doing freelance real estate, there are multiple data associated with the client I have to keep. Those data are scattered in different places and it is hard to remember which data is associated with which client.

Fai:
If I understand correctly, you'd like something to store the data associated with your different clients? And what kind of data do you store that is associated with each different client?

Mom:
Yes, that's correct. I'd want a program that would allow me to search through it as well as I have many clients. With each client, I have their names, the property they are renting, the agreed-on rent price per month, the address of those properties, and their email addresses.

Fai:
I can definitely make a database associated that stores that information. With the searching mechanism, how would you like to search the information? Would you want to search the client's name to see all the information associated with the client? Or search the property that's being rented up to find the information associated with that property.

Mom:
I think I'd want to search up the client's name and have the information associated with the client displayed in a format that's easy to see and understand.

Fai:
Other than the searching mechanism, would you like a table displaying all the data you have entered? This will be a separate tab from the search and the input tabs.

Mom:
That would be good too. However, I'd like there to be a feature to refresh the table because I will be constantly adding new clients and information into the table.

Fai:
I can definitely make a button. Are there any other functions you'd like the program to have?

Mom:
I think having a function that allows me to send an email to my client directly on the program would be nice. However, if that's not possible it is alright.

Fai:
I will definitely try to include that into the program but if time doesn't allow then I will work on making this function possible after the hand-in date of this IA.

Mom:
That'd be amazing, thank you! The last thing, you know I'm not very good at technology. So, I'd like the program to be easy to use. Also, would this be a website or an app?

Fai:
No worries, that won't be a problem and I will make sure that you'll be able to download the program to operate on your computer and you won't need the internet or ethernet to access the program.

Mom:
That's perfect! I think that's all I want in the program.

Fai: I'll definitely try my best to program this to help with your problem. I think I have all the information I need thank you so much for taking the time to sit down and have a talk with me if I need further information or anything I will let you know and we'll just sit down and have another talk. thank you again!