

Appendix II

Final Client Interview

Me: Now that you've had the opportunity to use the program for some time, I wanted to get your thoughts.

Mother: Sure! It's been working wonderfully! Is there anything you want me to talk about specifically?

Me: If you wouldn't mind giving a review and feedback for each success criteria, and if you believe I met it? We can start with the first one: A master password is required to access the main menu; the user can create one if one does not exist.

Mother: I believe you met that requirement. I was able to create a master password when I started the program, which gave me peace of mind knowing that my passwords are secure. Perhaps include information on how to choose a strong password, but otherwise, well done.

Me: Next, there are limited login attempts with an incorrect master password.

Mother: Met. I like that there are limited login attempts with an incorrect master password. It makes me feel more secure knowing someone can't keep guessing my password indefinitely. However, I believe it would be more secure to block them from trying again for a certain amount of time, not just having the pain of having to constantly re-open the application.

Me: An account list, retrieved from an XML file and displayed in the main menu, is sorted in descending order, with the most-used accounts at the top.

Mother: Yes, it is a great feature that works perfectly. It makes it easy to access accounts quickly.

Me: Users can add, remove, and filter/search items from the account list.

Mother: Passed. The program gives me complete control over my passwords and accounts, which is very useful. At times on my laptop, I have to move around the adding account window for it to fit on my screen, so maybe make that a bit smaller.

Me: Ah, thank you. I was worried about that.

Me: When adding an account, users can generate strong, randomized passwords that meet standard password complexity requirements.

Mother: Met. I'm really glad you added this feature. This was one of the main things that I struggled with, and I believe one of the main motivators of this project. Now I don't have to worry about creating a secure password myself. Thank you.

Me: I'm glad you find it useful. Hopefully, you like the renewal feature as well.

Me: Users can select a renewal period for a password when adding an account. The program will display a message when a password is about to expire.

Mother: Met. The renewal period feature is great. It helps me keep track of when my passwords need to be changed. As someone who likes to procrastinate, though, it might be best to notify me of the renewal deadlines as soon as I log in - maybe run the password scan feature automatically, although I'm not sure if I would like that.

Me: The data is secure and encrypted with AES-256 using a password-based encryption key.

Mother: Met. I have no idea what AES-256 means, but I feel confident my information is secure. I opened the XML file and saw that everything was scrambled, so good job.

Me: The client, my mother, considers the program easy to use.

Mother: Definitely met. I'm very thankful for this program and will definitely be using it for a while. I have not been hacked since, which is good! There are some very small changes you can make with spelling. Also, the icon color makes it blend into my windows bar, if you could change that? But other than that, I figured out how to use it quickly, so I think everyone else will be able to as well. Thank you very much; I like that I can quickly access all my passwords in one place.

Me: Great, that's it unless you have anything else to add.

Mother: That's all I have, but if I think of anything else, I'll let you know.