Learning Experience

This project was a great review of the whole CMSC203 Class. It retaught ArrayLists, and junit tests. How to configure lists as they are different from regular Array’s in numerous ways. I learned a little more of FX as well. Another key concept taught in this assignment was Exceptions. We barely touched on exceptions at the end of CMSC 203 so this was a great introduction to them. Exceptions certainly are a necessary in programming as many things can go wrong, Exceptions will help to debug what is wrong and can guide the user through the program.

I struggled with getting the valid passwords to not flag the invalid method. I was unable to fix this. Another concept I struggled with was regex, the regex method would flag the valid passwords as invalid, however I was unable to diagnose the issue. It seemed to be how I was matching the pattern, but I didn’t experiment enough to fully understand. Another issue I had was dealing with exceptions, at first, I wasn’t sure how to create them, then I figured to make separate classes and use the try/catch blocks to find and deal with them.

What I would do differently on my next project is make sure I implement methods one by one. I attempted to implement everything at once, this didn’t work well as things kept breaking and my code was quite messy already, so it was much harder to diagnose the issues. Another change would be to finish the assignment, I was unable to but that will change for future projects. Finally, I would like to implement new more test cases there will always be hidden bugs within code so the more test cases the better.