# Professional Integrity Report (CPS101)

**Student Name: Alex McColm Assignment #: 1**

**It took me ~4 hours to complete the assignment.**

**These parts of the program work well:**

Adding employees, removing employees, finding them, and displaying all of them. Reading employee info from the file. Basic functions work well, and all fields and methods specified by the assignment are here. **These parts of the program don’t work well** (please identify the specific problem):

The menu cannot yet handle inappropriate input which is a string or a float rather than an integer. In general, the exception handling needs to be more thorough.

The way the window is closed is not optimal, there are two statements that set the Boolean value to false, I should only need one.

The program reads from a “txt” file but save an edited file when done.

When the user completes an operation, the menu options are displayed right away again, such that you might have to scroll up to see the output of your operation. This could be fixed with a prompt like “Enter any key to continue”.

**I learnt the following in doing the assignment:**

Using a UML diagram in practice. A good opportunity to refresh what I learned about I/O, exception handling, switch statements, and more. I did not anticipate the InputMismatchException until testing, for example.

**The difficulties I encountered were:**

Initially the program required an absolute path to work, but now it uses a relative path based on a System method which gives current directory. I am concerned this might not work on other systems, though, I’m not sure.

**Here are some other comments or suggestions:**