Project Reflection

 This project was more challenging than I thought it would really be, by far. I am glad that I could start with stage one from day one, that is something that I will consider for any future task and projects.

The most challenging aspect of the project was working with something new and totally unknown for me as QT, this demanded a lot of self-motivation, article readings and research, and creativity. By doing all this I could realize how my debugging skills were improving, I could also see that I had acquired some intrinsic knowledge from previous classes and courses that I did not know I had; my problem-solving skills were challenged with every new task I wished to implement while new ideas kept coming to my mind.

I feel more capable now of facing a coding interview, I feel more valuable as a programmer. I created my own work habit, created a dedicated schedule for my project, I had to be very creative with my time in order to manage it properly, I learned how to prioritize certain tasks that needed to be done, and to identify the most important one.

All my knowledge and what I learned since I started this certificate were proven in this project. I got to see the benefits of OOP, having your own class, taking advantage of abstraction by capturing all the complexity of code in one object (Employee), encapsulation by accessing objects only through public methods, inheritance by creating other object from my original one with added methods or features, and polymorphism by overloading and overriding my original methods.

I am very proud of myself and of this course, I am excited to present my app that represents all my hard work, commitment, knowledge, and skills. This project made me love more what I am doing and made me face things I imagine would be very difficult such as writing and reading files, signals, and slots, using different libraries, and using arrays or vectors. I feel ready to face the challenges of real-world programming.

Wilyendri Duran.