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CS-499

Category 1 Narrative

Version 2.0

The artifact I enhanced was from the CS-210 course where we were tasked to develop a 24 hour clock for the company ChadaTech. This was a C++ based program and the reason I am enhancing such a program was because I have learned much more about the topic and the program that I was able to offer it more. Some improvements that have been made are; Encapsulation of time logic, Input validation and proper error handling, refactoring of the original time display, and best of all a dynamic time state which if the user selects the option the time will begin incrementing in front of them! Some challegenes I had was trying to incorporate a tool named Qt which might have enabled me to use a digital clock format but due to personal decisions I have stuck with a console-based program. I do plan in the future to dive into UI enhancements further using Qt later on for this program!