Timothy Kelly

CS-499 Computer Science Capstone

Enhancement One Narrative

August 11, 2021 (Updated)

July 17, 2021

This artifact combines all the details, flow-charts, and diagrams, that go into the process of developing a program or application. It includes use-case diagrams and cards as well as sequence and communication diagrams. All of these are followed by reflections of my thought process when developing them. This was originally created in parts for a final milestone during July and August of 2020 and is from the course IT-315: Object Oriented Analysis & Design.

I chose this artifact to showcase one of several aspects that go into application development. This reaffirms the notion that computer science professionals need to possess the skill of attention to detail. I believe this artifact showcases just that detail. All the different diagrams and charts that go into the design of the program and how the developers want that program to flow and move from function to function. I also included one of my first designs compared against my final design to convey what my initial thoughts were and where they were at with the finished model.

I believe I met most of my objectives to showcase some of my best elements and qualities when it comes to my experience in the design process so far. I really enjoyed this course because I enjoyed developing and arranging all the different chart elements and how it all ties together. The eye is naturally drawn to visual displays opposed to text-based information, which led me to reduce my use-case scenarios, SIS templates, and CRC cards to two, even though there are several more in my own database. I chose to omit them because there were a lot of redundancies and felt the flow-charts and diagrams were the main purpose which really showcased some of the elements I can produce.