Journal Three: Artifact Submissions/Narratives

Artifact One: Enhancement One

This artifact is my AppointmentService, which was an application in order to create appointments. I chose this in a previous course, in order to enhance my skills for my current company. I work on a documentation application, which has an appointment service component within. This service has a ton of tests to ensure that appointments can be created with certain specifications. These specifications include the appointment date cannot be in the past when creating an appointment, the description of the appointment cannot be left blank or longer than 50 characters, as well as the appointment ID needs to be unique and under 10 characters.

I have chosen to include this artifact in my ePortfolio, because this can showcase my ability to work in several languages. I am converting the artifact from JAVA to C++. I also am building this up, in order to include a patient database, so that patient profiles are not duplicated. This is also another way to showcase my well-rounded education and skills. Since I have updated to a language that is more used in the product that I currently work with, I am showcasing that I can be versatile as well as showcasing my ability to design and implement strong code.

I hope that I have been able to meet my outcome that has been outlined in Module One. I believe I have been able to, but I cannot be the last judge of that. I do believe I have shown adequate improvement to my original submission.

As I was working on this language translation, I had to take several pictures of my code. Then I used these images to create an outline of the code in the C++ language. I believe I have created a strong code in the new language.

Artifact Two: Enhancement Two

In this enhancement, I created a database that will include user information. While I know this would need much more information, this was an enhancement on an application that I had created in a previous project. This allowed for the information about a company’s employees to be stored within a database. This information allows for the employer to save all of the information that pertains to the employee. I had moved the language from the original submission (in a previous course) to C++ in order to maintain the stability of this project.   
  
Artifact Three: Enhancement Three

Lastly, in this enhancement, I created a patient database, in which their information