Enhancement One

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A. Briefly describe the artifact. What is it? When was it created?

The artifact that I chose was a continuance on my original plan built off the precipice of my Python class that had directories and search functions within it as well as user input. I’ve modified this program and steered away from Java so in essence I started from scratch based on the idea from the Python course. I decided that Java was the best route to go as I have more experience when it comes to tying Java in with database structures. Additionally I also have a better understanding of creating popout windows and applications within Java than I do with Python. The original Python project was created in 2018 and have definitely used some references from Git to assist me in completing this project.

B. Justify the inclusion of the artifact in your ePortfolio. Why did you select this item? What specific components of the artifact showcase your skills and abilities in software development? How was the artifact improved?

Including this artifact in my ePortfolio I believe gives people view of my depth and breadth in terms of programming skills. This project is by no means easy and has been something that I’ve had to do research on. I selected this item because I felt that it encompasses all criteria needed as a final project for my computer science program. For this iteration of the project I started by laying out the various import classifications laying out the resources needed for the creation of the box that the questions will lie in as I mentioned previously though be a register the login button there will also be an ad delete view and update field as well. I’ve set the primary JavaScript to be able to sync with this SQL database that I’m still working on developing but it will still utilize that crud model and give people the ability to make changes. Also within this artifact I added a class for adding users there will be additional resources needed to verify what type of users there will be but for now I am putting this placeholder end to show that there will be fields for user types. Additionally I added the main piece of my search program which is referencing the resources themselves being a string looking at it price resource type connection to the SQL database and then out more than likely be adding additional ones I’m as we progress to the course.

For this artifact I believe I laid the groundwork for the coming modules. I laid out word like the application to look like in the functionality that I wanted to have. The next steps are to get it to function correctly and to be able to integrate the various parts that I said I would integrate based on the plan that I presented in module one.

C. Did you meet the course objectives you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?

I believe that I met the course objective that I plan to meet with this enhancement I did choose a language which is Java and I did incorporate the beginnings of a type of database which will be SQL rather than Mungo DB. I am still a little concerned with the database functionality of it but I believe I am on course and will continue to work towards that goal as the course progresses.

D. Reflect on the process of enhancing and/or modifying the artifact. What did you learn as you were creating it and improving it? What challenges did you face?

When reflecting on the enhancements for this artifact I would say that I learned that it can be very intricate and take time to figure out how everything fits and functions together. I remember one of my first courses was developing pseudocode and I can see now the importance of that because I need to have an understanding of how everything is going to function together rather than jumping in and trying to code.