Enhancement Two

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

The artifact for this enhancement was created in 2020 and is an additional add-on from a previous build in the last module. This is a search type program that will reference various resources in a database built on Java and SQL. For this artifact I chose to add the security piece that will reference a password and also a search piece that will help from user inputs.

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?

I believe that adding this inclusion in my ePortfolio will show off my ability to work with algorithms which isn’t my strongest suit. The artifact is improved by adding in the security features that reference a password and username as well as adding in the search function and being able to search for information.

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 I met the course objective based on my plan that I presented in module one. However I am still having a struggle with the implementation of the program and there are still some issues with the running the software is presented. I have high hopes that I will be able to implement this project by the conclusion of the course.

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?

The enhancement process for this was challenging I’ve done other projects before that utilized passwords and usernames as well as algorithms to determine where the pull information from. As I mentioned I struggled to create the application with out errors and am still working to get bugs worked out for the functioning program. I believe there was a little bit of a misunderstanding on my part again keep going back and forth where I thought that this was supposed to be one concurrent program throughout the course with the conclusion being our capstone. But as I read it appears like I should’ve chosen a program that I created already and improved upon it in some way shape or form. Hopefully by me working on a program that will have a capstone at the end for completion will give me enough to pass the course. If not I can take the necessary steps to pull other programs to redo these.