Christopher Kincaid

Southern New Hampshire University

Computer Science Capstone

June 6, 2021

**Milestone Four: Enhancement Three: Databases**

This artifact was created during my second from last semester in the Computer Science program in my Client/Server Development course at Southern New Hampshire University. It is a Python script that uses PyMongo and MongoDB to build a working dashboard that pulls data with MongoDB / PyMongo Queries. I chose this item because it shows my ability to work with databases, specifically with MongoDB, while also showcasing my ability to write scripts with Python. The only improvements I made to this artifact was changing some comments to better fit the representation of what the code is doing, I am currently looking at changing the aac1 script to be more efficient, but I do not know if the solution I have will be effective.

Thus far, this continues to meet the course objectives outlined in Module One and I do not see a need to change them for the outcome-coverage plans. As I continued to modify this artifact, I found it very helpful on refreshing me of Python which I had not used since this course. Python is a very flexible language, and a good skill to have. Going back and learning how to use different filenames within the script, and MongoDB queries were also good refreshers. This artifact was the easiest to improve, and I did not run into any issues, as this is where I felt most confident in my revision plan.