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CS-499

Professor Krupa

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<div align="center">5-2 Milestone</div>

The artifact that I have included in my portfolio is the database assignment from DAD-220. For the artifact itself I have included the final project and a plethora of examples from the class showing the construction of the database in SQL. I have chosen to use SQL as it was the first database that I had used and throughout the assignments I have submitted as the artifact I am able to explain the security aspects and benefits of uses SQL in comparison to non-SQL databases. This artifact shows my growth of understanding and knowledge from the conception and creation of a database to the pitch to a client on why they should use it and how it works. It is a significant work that also shows my ability to give technical explanations to those who are not technically inclined. This artifact does meet the criteria for the course objectives in regards to the creation and use of databases. This artifact was extremely difficult to access and to create the artifact for the portfolio. Putting it together in a way that was able to show the creation of the database and the final project with the steps along the way was the only way I could think of to make it appropriate for the portfolio due to not having access to the IDE to recreate it. I may make it shorter due to the length of the submission.

By reviewing and updating the artifact I have learned that although I have only done SQL in one class it laid the groundwork and foundation to understand databases as a whole. I feel my understanding of SQL and the ability to explain the technicality of databases to someone who is not

technically savvy was a large bridge in my education. The update I have on my outcome-coverage plan is that I was able to create the artifact and submit it for grading. The update would be something that I would need to discuss with my professor due to the artifact being complete and that I do not have access to the IDE with all of the data on it. I have taken what I have and have explained every step of the way in the artifact and why things were done the way they are.