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

The artifact is about optimizing queries and authentication for database security and creating CRUD (Create, Read, Update, and Delete) functions for the animal database. This allows the user interface to update, edit, or delete data if needed. This was created in October of 2024.

1. **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 chose this artifact because I remember I struggled with the connectivity between juniper script and DB. This artifact shows my ability to authenticate database security and create a function known as CRUD to help users update the DB. Ensuring the code in the script aligns to what is in MongoDB , and the terminal will allow the server to display the Grazioso Salvare DB on the web application.

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

The enhancements needed for functionality were query optimization, secure storage, and error handling.

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

The biggest challenge for me was remembering the process and all the tools needed to complete the assignment because this was done last year. I was only able to work off my zip file because I do not have access to the class to follow any directions.

A screenshot of a computer

Description automatically generated

**A screen shot of a computer program

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