Chandler McCarty

CS-499

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Artifact

The original artifact is a project from SNHU in the class CS-340. It was originally a database created in Linux using Jupyter Notebook and a completely streamed service that the school used for virtual machines.

Justification

I wanted to use this project in my ePortfolio because of showcases my skills with full-stack development and working with databases. In this project, I work with data visualization, database management, and web design. On top of all of this, I also needed to recreate the entire system from scratch because I had no other way of getting the original files back from the class because they were on a virtual machine. In the original program, I remember only doing some of the CRUD operations, this project I wanted to finish out the entire section. Updated the data-table to be more dynamic as well. Including a filter system that changes the graphs below and a search function for searching breeds, names, ID’s, and locations.

A screenshot of a computer

Description automatically generated

Course Outcomes

After dealing with a lot of problems with this project, I feel like I met a couple of the course outcomes and am proud of what was re-created and fixed. Design and demonstration of improving on techniques taught in past classes is something that is shown the most here.

Reflection

There were a lot of problems when re-creating this project on my own local machine with MongoDB and Jupyter. Since this program was originally on a Linux machine, I had to re-write some stuff that would not make sense on a Windows machine.