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CS340 Client/Server Development

Professor Wilson

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5-1 Project One

1. Upload the Austin Animal Center Outcomes, and **take screenshots** of both the import command and its execution.

A screen shot of a computer

Description automatically generated

1. Create a user account in the mongo shell to ensure user authentication to the database and collection you created.

A screenshot of a computer program

Description automatically generated

1. Next, you must develop a Python module in a PY file, using object-oriented programming methodology, to enable CRUD.
2. Finally, you must test your Python module to make sure it works. Expand your script to call and test the Update and Delete functionality.

A screenshot of a computer code

Description automatically generated

A screenshot of a computer

Description automatically generated

1. A description of the Python driver for Mongo that was used and why it was chosen
2. An explanation of the attributes and working functionality of the CRUD operations

The CRUD method uses the Python language and syntax. Its purpose is to help organize and manage data in a database by allowing you to create, read, update, and delete information (C.R.U.D). Its main purpose is to efficiently manipulate the data from the database.

Pymongo is the Python MongoDB driver, it is used for the DB databases. It’s the industry-standard and one of the best practices. Once the basics are understood the driver can be very user friendly. It has great methods of documentation through comments. There are also many online resources if any questions arise.