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CS 340 | SNHU

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CS 340 README

About the Project/Project Title

This application allows users to access a database named animals to create, read, update, and delete animals from the stored data. This is also known as CRUD.

Motivation

The program was designed as a test for where my database creation skills lie, as well as how well I can manipulate the data held within.

Getting Started

This program can be accessed by following these steps:

* Enter Mongo and import the csv file “aac\_shelter\_outcome.csv”
* Create a simple and a complex index to parse the data stored within the document.
* Authenticate a user with both an admin and an aacuser account to access the database
* Access or install python, then run the program out of a notebook.

Installation

This program requires a current version of python to run both the .py and the .ipynb files.

It also requires access to MongoDB.

Usage

Use this space to show useful examples of how your project works and how it can be used. Be sure to include examples of your code, tests, and screenshots.

Code Example

This code allows users to test, add, and edit animals within a shelter. First, you would need to start mongo, load the python files that are needed to run the program, and then enter print (animals.create (STRING\_TYPE)) to add animals with the program, which will then throw a boolean if it is successful, or an error if not.

Tests

The code was tested using invalid statements, including print (animals.create(0:0), which is an invalid argument. To find whether your chosen animal was added, you can use query = animals.read((“name”: “NAME”))

Screenshots



Dashboard Working



Working Radio:



Changing options, working Geolocation:



Contact

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