Installation

Tools/requirements

Python 3.x: Make sure you have Python 3.x installed.

MongoDB: Ensure you have MongoDB installed and running on your local machine or cloud.

PyMongo Library: The PyMongo package is used to interact with the MongoDB database from Python.

Dash: framework that was needed to incorporate some features for web interaction

Jupyter Notebook: IDE used to write code tests and the main functions/methods

User Authentication: The MongoDB instance requires authentication. In this project, the aacuser account is set up with appropriate privileges to perform CRUD operations.

To start this project you will need to have a validated user and a dataset of animals to use. You will need to load in the dataset before using (or create one). Next, you can set up this dashboard to use your Mongo setup.

The project aims to assist Grazioso Salvare with finding dogs to be working dogs and deploy them. The data is put in a database for ease of use. The web app can be used to filter dogs by skills needed among other things.

* Explain the steps that were taken to complete the project.

Steps taken were developing each section such as the crud module, incorporating data into the database, and finally the finished product.

* Identify any challenges that were encountered and explain how those challenges were overcome.

Dash was giving me a lot of problems. It was incredibly difficult to get working. I had never used it before so it was quite the struggle.

Contact

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