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**Project 2 README**

The goal of this deliverable project is to allow Gazioso Salvare the ability to search for shelter animals with certain characteristics easily. The biggest source of information will come from local animal shelters’ databases, they will have to agree to let our client use their logs. For this purpose, MongoDB is a good choice because of its flexibility in development and ability to integrate a variety of different languages. After we obtain the data we use Python code and CRUD functions to interact with the data. Next we focus on the UI for the customer. They requested an easy-to-use UI to view the database and for this the MVC structure of the client/server interaction was used. Dash framework provides view and Controller aspects. Working with dash means that we have to use Pandas Data frame which dash has no problem modifying. Dash provides us with the ability to integrate with all kinds of different computer programs, this makes it a great tool for a project of this size and multiple different clients that may or may not be using certain types of programs.

This project unfortunately was very challenging for me and I was unable to solve some errors that I was getting. Graphical user interface, text, application

Description automatically generated

When trying to connect the AnimalShelter class and my project 2 class I kept getting this error and unfortunately I was unable to solve the issue. For me, development was not to bad, especially because of the background knowledge of the previous projects. My main hang-up with these projects always seems to be some unexpected error that I don’t have the expertise to solve. For this project, I spent considerable time with a python tutor who also could not figure out what the error was here. The biggest thing that I’ve learned from this class and project is that I am capable of much more coding than I previously thought.