# CS 340 README Template

## About CS 340 Grazioso Salvare Dog Finder App

This is an application that takes an existing CSV database file and imports it into a mongo database. Then it allows users to select specifications about the dogs they are searching for.

## Motivation

This app is designed to help the user find dogs for training bases on their characteristics. They want to try and ensure that they are finding dogs that can help humans in natural disasters and situations where they can help humans.

## Getting Started

I used MongoDB for his project as it allows for the scalability of programs easily. MongoDB makes it easy for programmers to store data that is structured or unstructured. Since MongoDB can handle a high-volume load, it is a great choice for programmers.

I used the Dash framework for this project. Dash allows you to use different tools like dropdown, checklists, and sliders. This allowed me to ensure that I had a good-looking final project that was easy to navigate.

### Code Example

#FIXME: Set up the features for your interactive data table to make it user-friendly for your client

#If you completed the Module Six Assignment, you can copy in the code you created here

        editable = False,

        filter\_action="native",

        sort\_action="native",

        sort\_mode="multi",

        column\_selectable=False,

        row\_selectable=False,

        row\_deletable=False,

        selected\_columns=[],

        selected\_rows=[],

        page\_action="naitive",

        page\_current= 0,

        page\_size= 10,

### Screenshots

*Graphical user interface, text, application, email

Description automatically generated*

## Roadmap/Features (Optional)

This project was done in a virtual lab where a handful of students had issues getting the final project to display anything. One thing I want to do if time permits is to try and find some time to do this project on my local desktop to see if I can get it to work.

## Contact

Michael Gontarek

**Resources**

**Frequently asked Questions**

[**https://api.mongodb.com/python/2.3/faq.html**](https://api.mongodb.com/python/2.3/faq.html)

**Database Profiler**

[**https://www.mongodb.com/docs/manual/tutorial/manage-the-database-profiler/#DatabaseProfiler-EnablingProfiling**](https://www.mongodb.com/docs/manual/tutorial/manage-the-database-profiler/#DatabaseProfiler-EnablingProfiling)

**Mastering MongoDB 4.x**

[**https://eds-p-ebscohost-com.ezproxy.snhu.edu/eds/detail/detail?vid=0&sid=f786917a-51f6-420c-844b-58322787b8a6%40redis&bdata=JnNpdGU9ZWRzLWxpdmUmc2NvcGU9c2l0ZQ%3d%3d#AN=2094768&db=nlebk**](https://eds-p-ebscohost-com.ezproxy.snhu.edu/eds/detail/detail?vid=0&sid=f786917a-51f6-420c-844b-58322787b8a6%40redis&bdata=JnNpdGU9ZWRzLWxpdmUmc2NvcGU9c2l0ZQ%3d%3d#AN=2094768&db=nlebk)

**Pie Charts in Python**

[**https://plotly.com/python/pie-charts/**](https://plotly.com/python/pie-charts/)

**Dash Leaflet**

[**https://dash-leaflet.herokuapp.com/**](https://dash-leaflet.herokuapp.com/)

**Dash Core Components**

[**https://dash.plotly.com/dash-core-components**](https://dash.plotly.com/dash-core-components)

**Dash Data Table**

[**https://dash.plotly.com/datatable**](https://dash.plotly.com/datatable)