# CS 340 README

## About the Project/Project Title

The application was developed at the request of Grazioso Salvare to create a system that will increase the effectiveness of finding dogs within local animal shelters that meet the client's needs. This particular system is currently utilizing the database of animals available at the Austin Animal Center. With the addition of a geolocation map to view the area in which any particular animal is located, the system will greatly reduce the time and manpower required to find animals suitable to the needs of Grazioso Salvare.

## Motivation

The project, as a usable system, was designed to reduce the time and manpower required for Grazioso Salvare to find the required animals for their training program. As a student, the project was developed as a means of testing everything that I have learned this term and combining it into a functional system that uses a created dashboard with widgets and a Python module for creating, reading, updating, and deleting database entries.

## Getting Started

In order to use the system you would need to do the following:

1. Use MongoDB to import the aac\_shelter\_outcomes csv
2. Create or use existing login information to access the database
3. Use a notebook application (Jupyter Notebook) to run the program

## Installation

In order to run the program, the current version of Python and Jupyter Notebook need to be installed. In addition, access to PyMongo and MongoDB are required.

## 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

*A screenshot of a computer code

Description automatically generated*

*A screen shot of a computer

Description automatically generated*

*A screen shot of a computer

Description automatically generated*

A computer code with text

Description automatically generated

### Tests

*A screenshot of a computer

Description automatically generated*

*A screenshot of a computer

Description automatically generated*

*A screenshot of a computer

Description automatically generated*

**

**

## Contact

Your name: Jacob Burchett