# CS 340 Project Two README

## About the Project/Project Title

*This document outlines the design and development of a user-friendly web application dashboard to assist Grazioso Salvare in searching and managing data from animal shelters in the Austin, Texas, a search-and-rescue dog training company.*

## Motivation

*The main motivation behind the project is to create a software application to assist Grazioso Salvare, a search-and-rescue dog training company, in identifying suitable dogs from animal shelters for their training program.*

* *Finding suitable dogs for search-and-rescue training: The application will help them efficiently find dogs that meet their criteria based on age, breed, and other factors, leading to a more effective training program.*
* *Advancing technology for social good: This project demonstrates the use of software development for a positive social impact.*

## Requirements

* *The dashboard should enable filtering of data based on various criteria, such as rescue type and preferred dog breeds.*
* *It should present the filtered data in an interactive table and include charts for visualization (geolocation and one additional chart).*
* *The Grazioso Salvare logo and a unique developer identifier need to be incorporated into the dashboard.*

## Installation

* *Notepad++*
* *MongoDB*
* *Jupyter Notebook*
* *Python IDE*

Load required files into Jupyter:

A screenshot of a phone

Description automatically generated

Modified existing code with required changes to load site:

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer code

Description automatically generated

Connection successful:

A screenshot of a computer

Description automatically generated

Required Animal Shelter python code and logo that were linked to Jupyter file project:

A red line drawing of a dog

Description automatically generatedA screen shot of a computer code

Description automatically generated

Site is verified as running and displays homepage and required attributes:

A screenshot of a calendar

Description automatically generated

A map with a blue pin on it

Description automatically generated

A screenshot of a computer

Description automatically generated

## Contact

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