# CS 340 README Matthew Neale

## About the Project/Project Title

This is a Dashboard set up for the rescue-animal training company, Grazioso Salvare. They need a system to view and sort database information from various animal shelters to find dogs suitable for rescue training.

## Motivation

The purpose of this dashboard is to enable the company to view and sort database information from animal shelters based on their needs.

## Getting Started

This dashboard includes the ProjectTwoDashboard.ipynb file as well as the CRUD.py file. Simply download these files and you are good to go.

## Installation

Things you will need to use this module:

* MongoDB with Pymongo
* MongoClient from Pymongo
* A database with authentication set up
* Python 3 or later
* The CRUD.py module
* The ProjectTwoDashboard.ipynb file
* Jupyter Notebook

## Usage:

### This dashboard can be easily launched in any web browser and includes filter options based on the needs of Grazioso Salvare. The filters include one for water rescue, one for mountain and wilderness rescue, one for disaster rescue or individual tracking, and lastly a display all filter.

**Examples:**

**Title and Logo:**

A picture containing logo

Description automatically generated

**Water Rescue:**

Graphical user interface, application

Description automatically generated with medium confidence

**Mountain and Wilderness Rescue:**

Map

Description automatically generated

**Disaster and Individual Tracking:**

Graphical user interface, map

Description automatically generated with medium confidence

## Roadmap/Features

This dashboard can be updated to include other filters or charts in the future if the needs of Grazioso Salvare change.

## Contact

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