# CS 340 README Template

## About the Project/Project Title

The goal of this project is to be able get information from a database of adoptable dogs to be able to train for search and rescue. It takes data from the database and allows it to be displayed in a table that is filterable by pre-determined factors

## Motivation

This is being designed to make it easier to find available dogs in animal shelters that may be a good match for search and rescue training.

## Getting Started

To start you will need to start Mongo in a command line interface. You will also need to edit the username, password and port number in the code so that it can login. I have hard coded them to me for now and will add login credentials later. Last you will need to make sure that you have the information uploaded into your database.

## Installation

You will need a python IDE and have Mongo installed to be able to access the database.

## Usage

### This code will load up a database and will display the information in table form for easier reading.

### Code Example

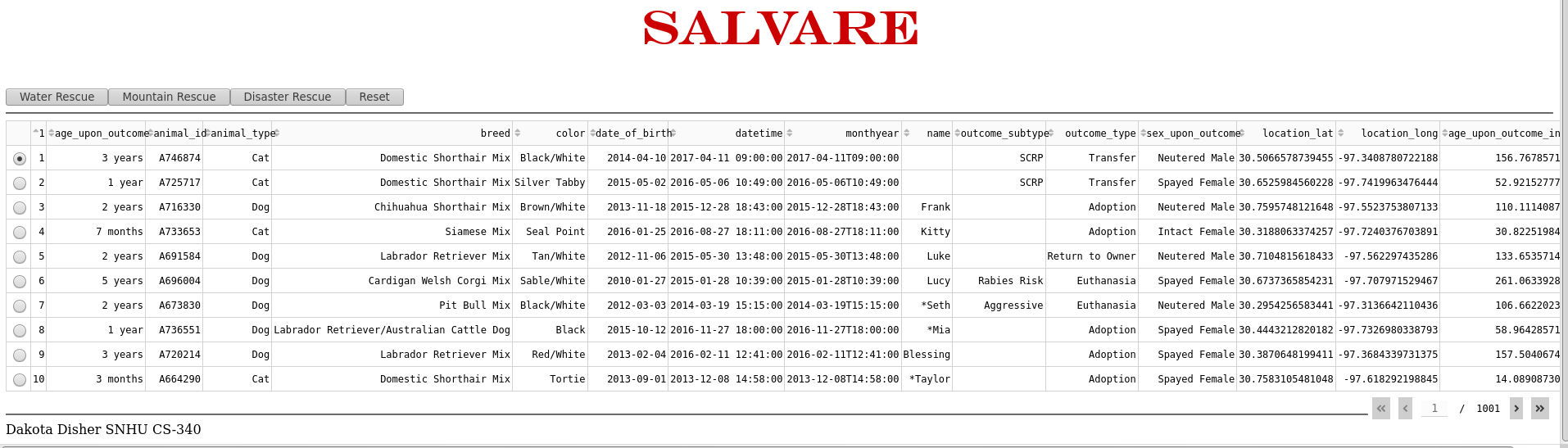
Looking at the button filtering code

Text

Description automatically generated

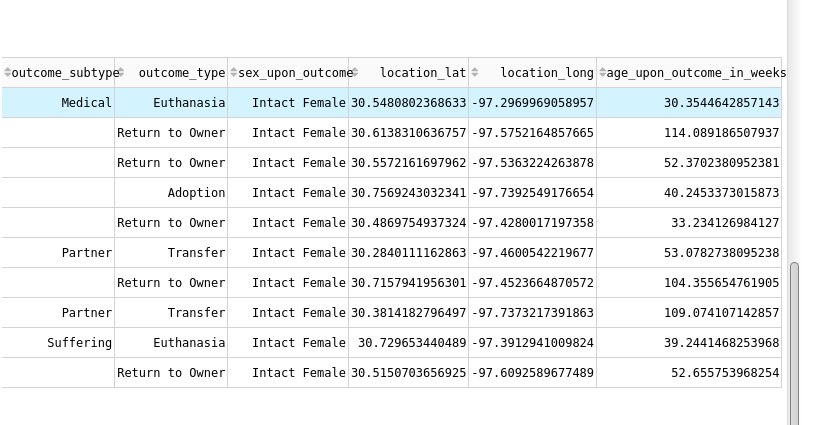
### Tests

Unfiltered data loaded



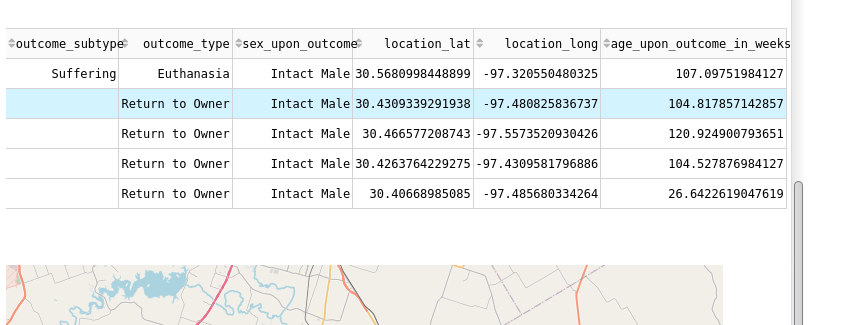
Water Rescue Button Graphical user interface, table

Description automatically generated

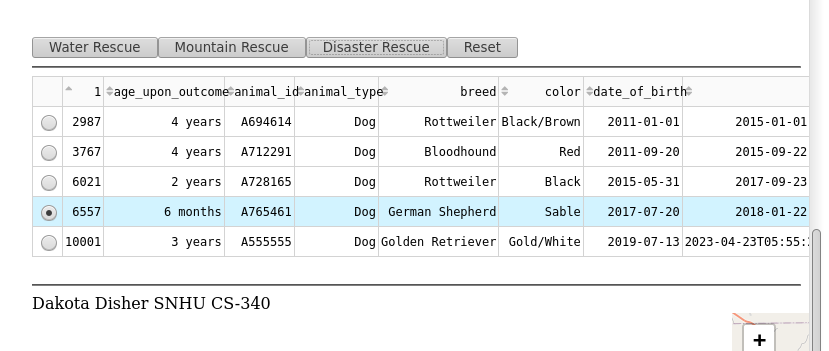


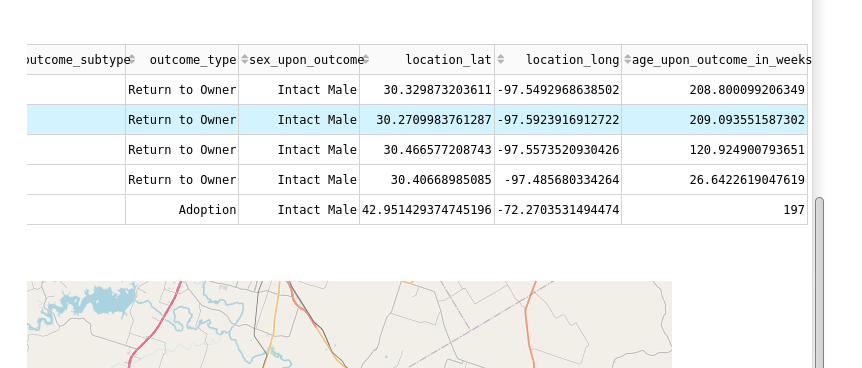
Mountain Rescue ButtonTable

Description automatically generated

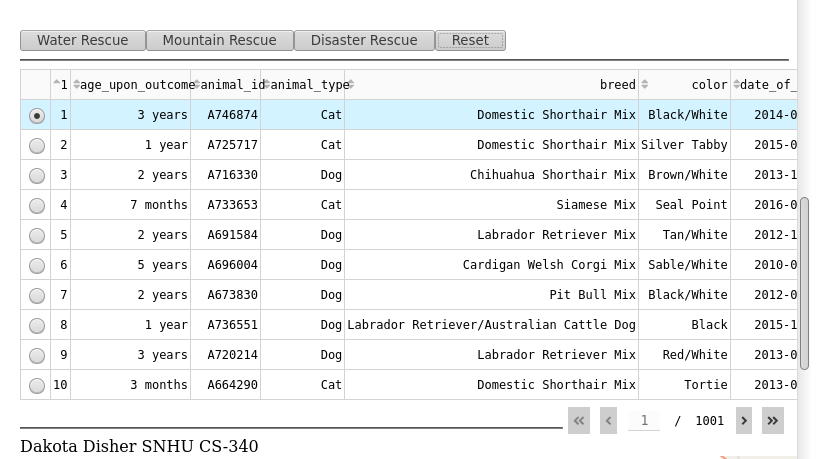


Disaster Rescue Button



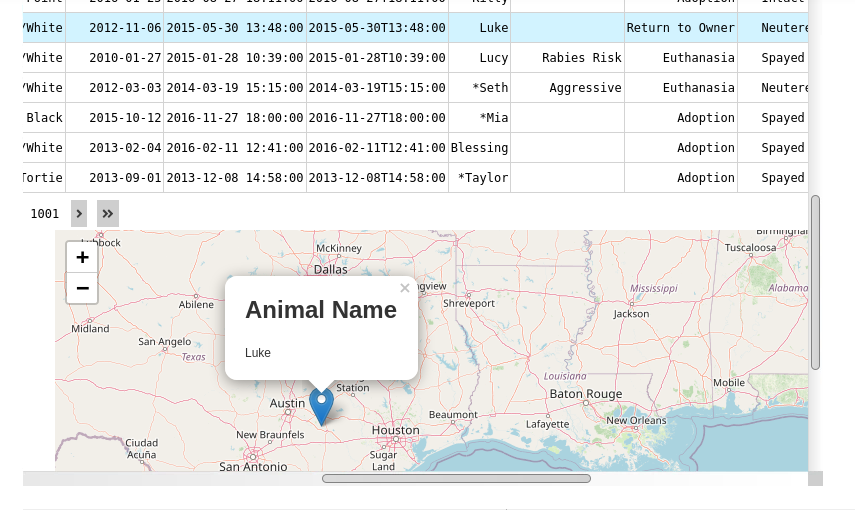


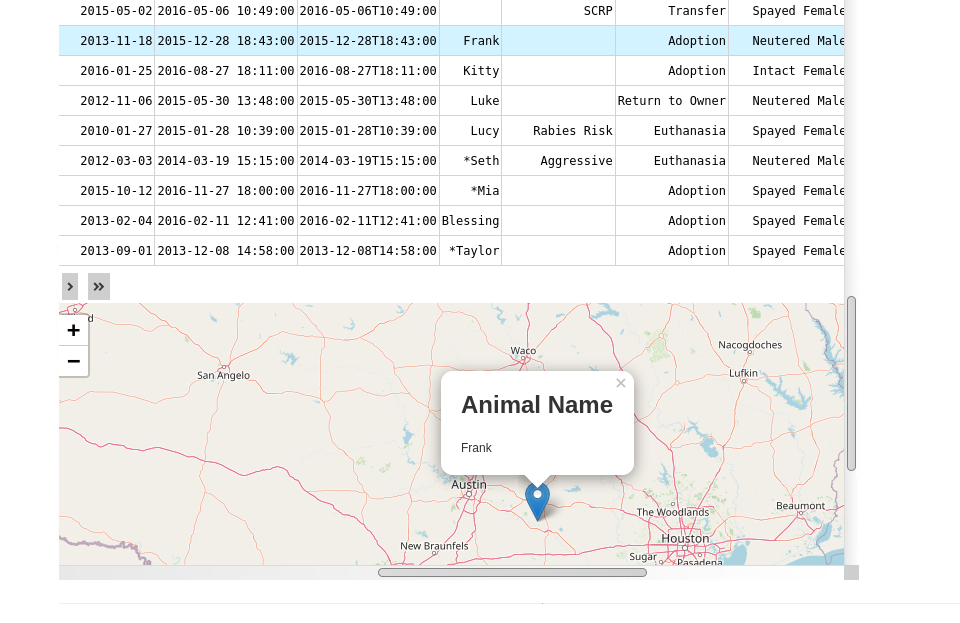
Reset Button



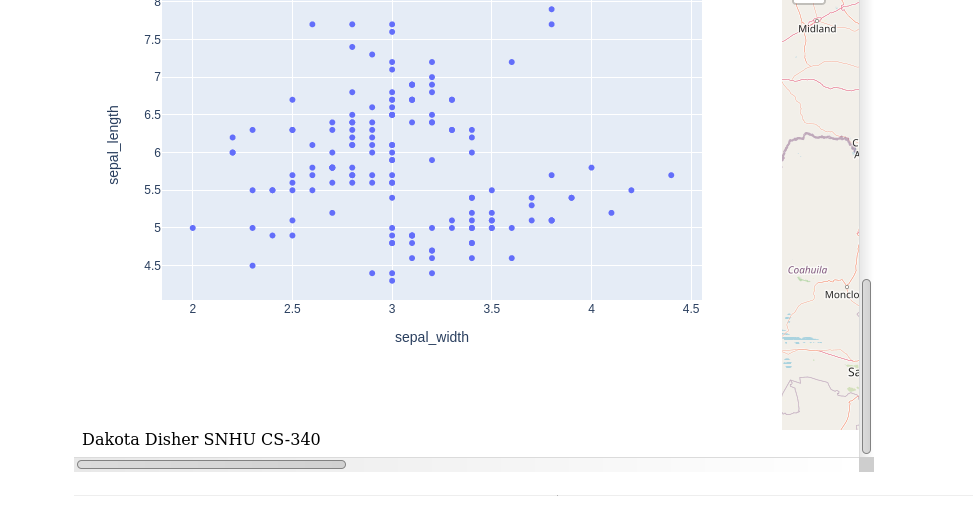
All buttons work to filter data by what the customers wanted.

Map updates after selecting new animal





A graph and map are both shown. Graph does not support database data at this time.



Logo displayed on next page



## Roadmap/Features

**Know issues:**

Graph does not show data from database. Currently showing pre-installed data for proof of concept

Map marker does not move when different animals are selected. Also problem with incorrect data being shown after a couple of entries down the page usually one index off.

## Contact

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