# Minunni Project Two README

## About the Project

This project is a program that read’s Grazioso Salvare’s Austin animal shelters. The program lists all of the animals in a drop down menu which can be filtered to show which animals are used for different types of rescues as well as

## Motivation

This project exists because the shelter has a large number of animals and the company needed a way to see each animal at a glance as well as being able to see certain pets based on a criteria.

## Getting Started

To utilize the program, it needs to be connected to a Mongo database that has the animals loaded onto it. The Jupyter notebook file and the Python code that accesses the database need to be in the same location to be able to run properly.

## Installation

The tools in this program are MongoDB and Jupyter notebook for the backbone of the code. Python was the coding language used to add functionality and connection to the databased. Additionally, multiple imports of dash modules within Python’s code functionalities to display the map and pie chart.

**Steps & Problems**

To have the program work, a user account within the Mongo program needed to be logged in to access the database relevant to the program. Then the HTML page had to be built to accommodate the company’s logo and the informational aspects of the page. The drop down table was implemented, then the map and chart after that. Building the code itself was not too difficult because much was explained by Dr. Walker, but a huge problem with me completing this assignment was not being able to see the output. This problem is because of an issue with my virtual machine. There is no known way to fix the issue, so I have to release the code not knowing if it actually works.

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## Contact

Your name: Anthony Minunni

Email: anthony.minunni@snhu.edu