# Grazioso Salvare Animal Rescue By Luke Lauck

## About the Project/Project Title

The front-end of system for the CRUD-based module for Animal Shelter.

## Motivation

The current system for tracking animals in the rescue program is done through advanced back-end systems that aren’t accessible to non-technical workers. The Grazioso Salvare Animal Rescue lets anyone manage the animal dataset without any technical skills.

## Getting Started

MongoDB python driver, pyMongo, was used to connect the back-end to the front-end. To create the interface for the system, the Dash framework was used as it simplifies building data app through Python. It is a view for the dataset as it doesn’t affect any of the backend.

## Installation

The Grazioso Salvare Animal Rescue requires the Animal Shelter CRUD-based module and a server hosted through MongoDB.

For a MongoDB database, create a database using MongoDB as seen in <https://www.mongodb.com/basics/create-database>

Import the database AAC by using: *mongoimport --port 56017 --db ACC -- collection animals --type csv --file ./aac\_shelter\_outcomes.csv --headerline*

This assumes mongo is open to port 56017 and the file is under the current directory.

Once mongo is running, download both he CRUD module and this module. This module will be the front-end for the system.

The username and password for the server is at the top of the Animal Shelter program and must be changed to allow the script to access the server.

And as seen at the top, ensure dash is available.

Make sure to download the logo for the and name it: *Grazioso Salvare Logo.png*

A picture containing text

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## Usage

### Code Example

Text

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Lines 25 and 26 must be changed to allow the script to access the database.

If there is any changes wanting to be made on the datatable, it can be changed from lines 65-82.

Text

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And the rescue animals can be changed through their table.  
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### Tests

If constant loading, make sure the server is up and the script can access the system. To ensure the server is working, create another python script and try creating an animal.

Graphical user interface, application

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### Screenshots

Graphical user interface

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Map

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## Roadmap/Features

Maintenance

## Contact

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