# CS 340 README Template

## About the Project/Project Title

* Project Title: Grazioso Salvare,
* Project Summary: Grazioso Salvare, a rescue-animal training company, wants to leverage on data on provided by a nonprofit agency from their shelters to develop an application to analyze the provided data to identify and categorize dogs available in the shelters.

## Motivation

* To upload a database of animals in several shelters that can be queried and analyzed through a client-side interface for the purpose of identifying dogs that qualify for training as rescue animal in life threatening situations.

## Getting Started

* Upload the Austin Animal Center Outcomes data set into MongoDB.
* Create a user account in the mongo shell for user authentication.
* Develop a Python module with a CRUD class that can be instantiated.
* Import the Python module into Jupiter Notebook to call and test instances of the CRUD class.

## Installation

* MongoDB: NoSQL database
* Python: Programming language for interfacing between database and client
* Pymongo: Tool for interaction between MongoDB and Python
* Jupiter Notebooks: For testing and debugging.
* Dash: Python framework for developing client-side interface

## Usage

### Code Examples

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### Tests and Output Screenshots

### Query Test in Jupiter Notebook

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Dashboard Starting State

A screenshot of a computer

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A screenshot of a map

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## Water Rescue Option

A screenshot of a computer dashboard

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A screenshot of a map

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Mountain Rescue Option

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A map with a blue circle and a blue circle with a blue circle and a blue circle with a red circle with a blue circle with a white circle with a black circle with a red circle with

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Disaster Rescue Option

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A map with a blue circle and a blue circle

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## Reset Option

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A screenshot of a map

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## Contact

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