# fgCS 340 README Template

## About the Project/Project Title

*The AAC Shelter Database is intended to be used to organize and record information about any animal that is placed into the system. This database has search functionality, allowing for users to search for specific criteria or individual animals, along with editing or adding to the collection as more animals enter the system.*

## Motivation

*This project is intended to make the management of the AAC Shelter Organization more streamlined and organized. This project will improve record keeping for the animals and their history which will make finding specific animals and making logistic decisions far easier in the future.*

## Getting Started

*This is an example of how you may give instructions on setting up your project locally: “To get a local copy up and running, follow these simple example steps.”*

*To get started with using the AAC Shelter Database, first you need to login through the mongoshell using the provided username and password*

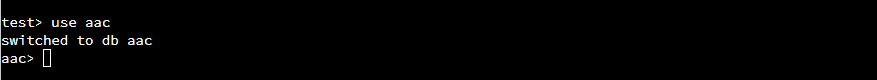
*Username: aacuser*

*Password: aacpassword*

*A screen shot of a computer

AI-generated content may be incorrect.*

*Once in the mongo shell, use the “ use aac” command to switch to using the aac database*

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## Installation

*To use this database, the following tools are required to be installed and updated to the latest version:*

*MongoDB – this is required to access the database*

*Jupyter – this is required to utilize python and the Jupiter Lab / Jupyter notebook features for this project*

## Usage

*This program can be used to find specific types of animals, for example, this is the command used to find any animals that fit the criteria of ‘Breed : Pug’*

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AI-generated content may be incorrect.*

*This search feature can be further specified by including additional criteria for the search*

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*Update and Deletion functionality has been added, usage examples can be seen below:*

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*Additional buttons have been introduced to make sorting through the database easier for the user*

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*A screenshot of a computer

AI-generated content may be incorrect.*

## Roadmap/Features (Optional)

*Issues:*

* *specific data categories for animals need to be known in order to search for them, making search queries difficult if the user does not know specific wording*
* *human error when entering new data is possible, since queries need specific wording for searches to be successful*

*Features:*

* *implement display feature for categories, as well as listing data sets for specific categories to improve the search efficiency and speed for the user*

## Contact

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