Animal Center Outcomes

CSE 111: Database Systems

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System Description

Animal Center Outcomes allows for a shelter to handle it's animal logistics with the given functionalities:

An animal shelter is able to…
- View the animals under their care
- Edit an animal entry within their care
- Create an outcome for an animal
- Check donations for their given shelter

A member is able to…
- Make donations to a shelter
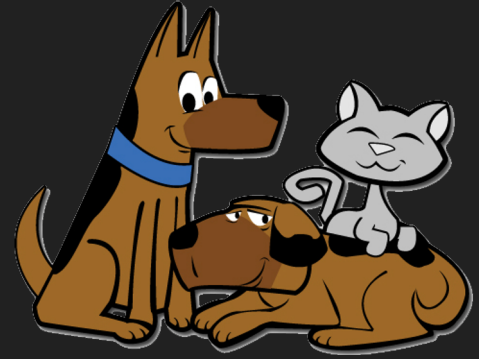- Request a visit
- Check an animal outcome

Use-Case Description
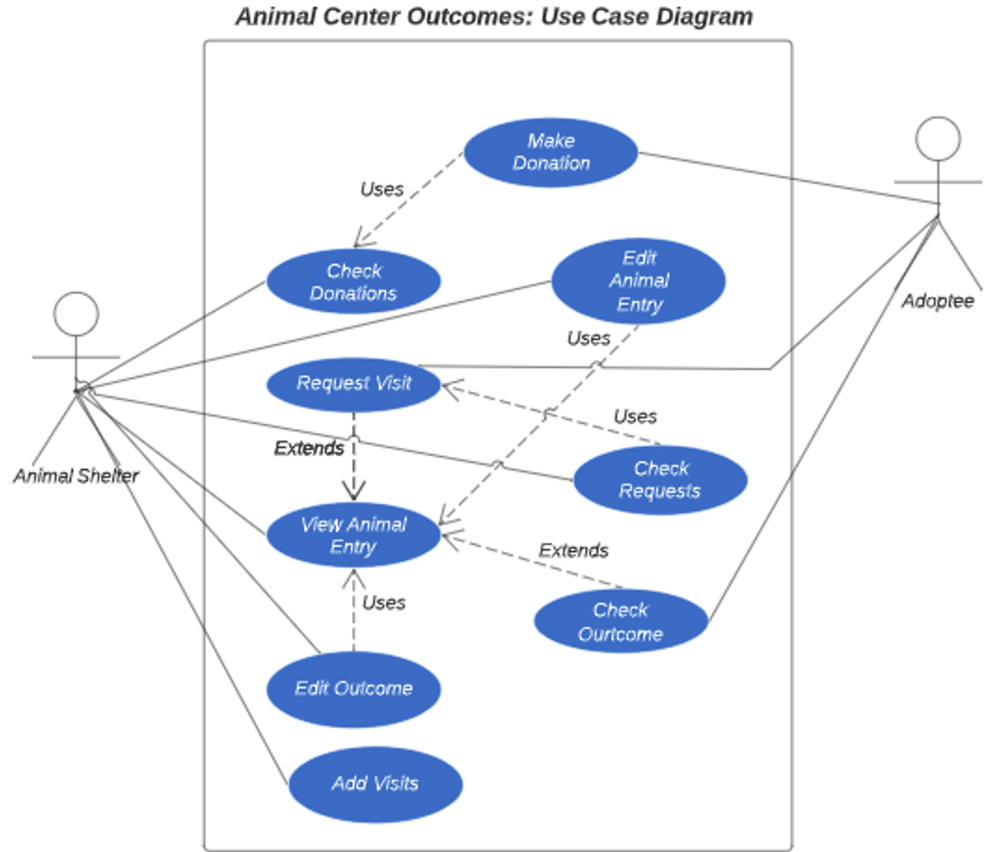
A specific case for an assistant is…
- Entering a new visit for an animal, and if the animal had a significant status change, an update will occur to it's enrollment in the shelter

A member is able to…
- Make a request to visit a specific animal on the condition that the animal's current status allows it too.
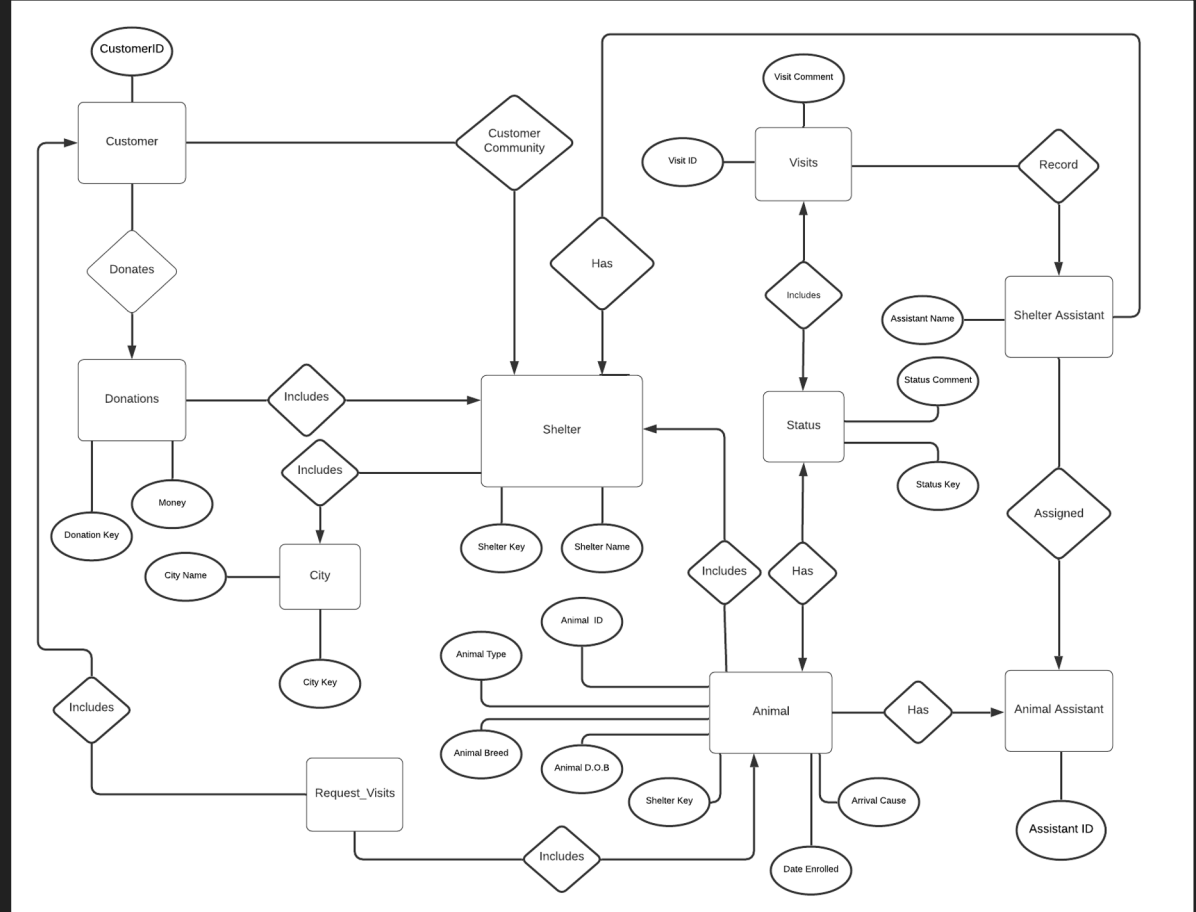
Use-Case Diagram
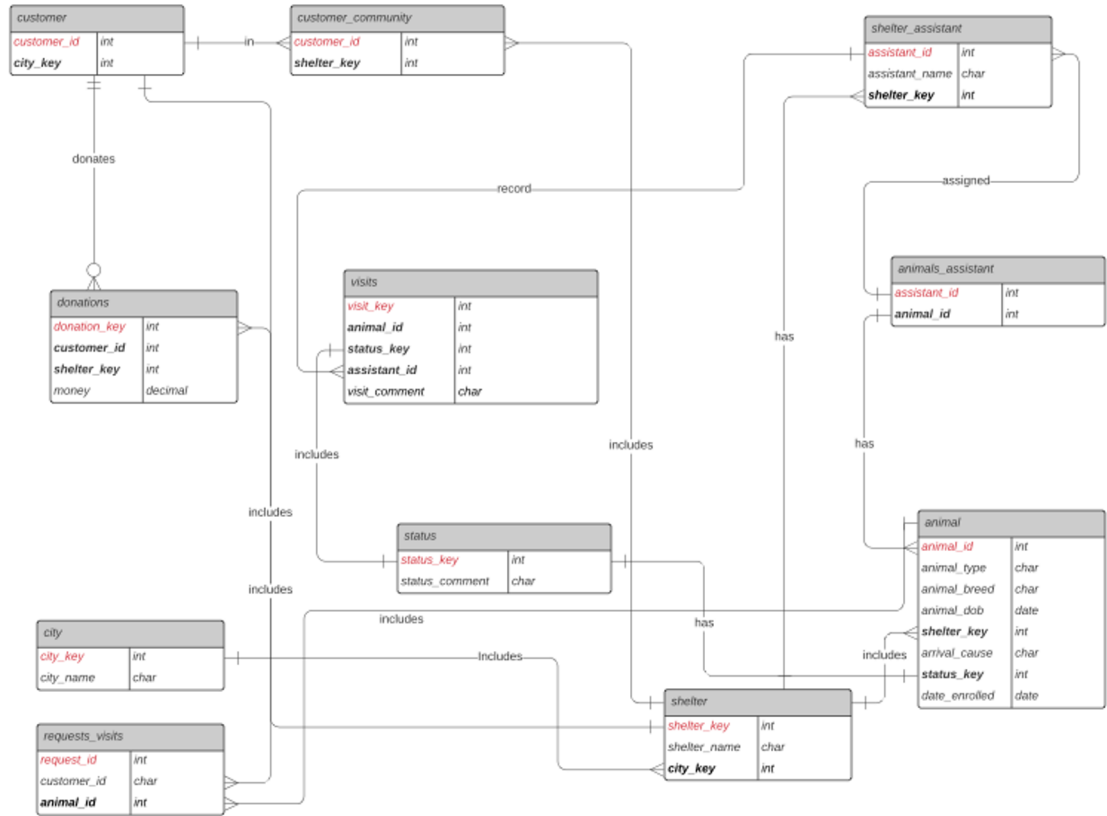
Implementation Details

- Database:
    - SQLite3
    - Kaggle (data)
- Handling the backend and API calls:
    - Python, Flask
- Frontend:
    - JavaScript, HTML, Bootstrap CSS, JQuery

E/R Diagram

Relational Diagram

Demo