

Features

- Donate animals
- Adopt animals
- Choose which animal they want
- Choose which breed of animal they want
- Visit animals

Data needed

- Donator first name
- Donator last name
- Donator email
- Adoptor first name
- Adoptor last name
- Adoptor email
- Adoptor address
- Animal species classes
 - Dog
 - Cat
 - Cow
 - Moose
- Animal subspecies
- Visitor first name
- Visitor last name
- Visitor phone number

Tables

- Donator
 - donator_id
 - Donator first name
 - Donator last name
 - Donator email
 - Type of species donated
- Adoptor
 - Adoptor_id
 - donator_id
 - Adoptor first name
 - Adoptor last name
 - Adoptor email
 - Adoptor address
 - Type of species adopted
- Animal
 - Animal_idb
 - Donator_id
 - adoptor_id

- Animal gender
- Animal name
- Animal color
- hypoallergenic(y/n)
- Breed
- Weight
- Size
- Animal species
- Visitor
 - visitor_id
 - animal_id
 - Visitor first name
 - Visitor last name
 - Visitor phone number

Relationships

One to one

- Donator => adoptor
 - Each animal will only have one donator and one adoptor

One to many

- Donator => animal
 - A donator can donate multiple animals
 - But each animal can only have one donator
- Adoptor to animal
 - An adoptor can adopt multiple animals
 - But each animal can only be adopted by one adoptor

Many to many

- Animal to Visitor
 - Each animal can have a lot of visitors
 - And each visitor can visit a lot of animals