

Pet Adoption Agency

This diagram was designed using DBDesigner.net. Click [here](#) to go to link.

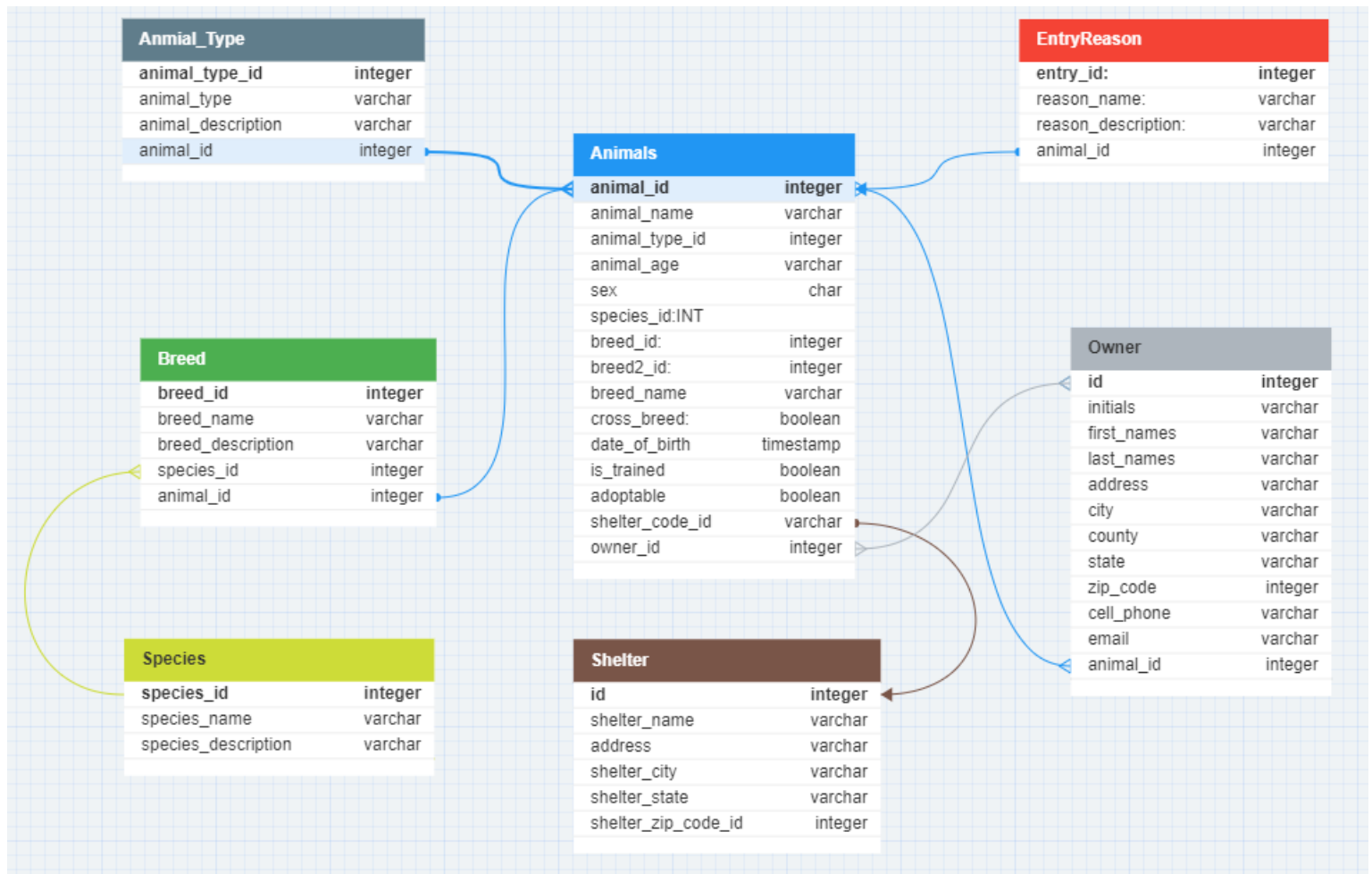


Table: **Animal**

The animal table holds a row for each animal on the system. Various denormalised fields at the end are used Load JSon package and dependencies to track the current movement, whether the animal is on shelter, etc. These are useful for writing reports.

ID: INTEGER A unique, incrementing number that identifies this record

AnimalTypeID: INTEGER Link to the animaltype table
AnimalName: VARCHAR(255) The animal's name
SpeciesID INTEGER Link to the species table
BreedID: INTEGER Primary breed (link to the breed table)
Breed2ID: INTEGER Secondary breed (same as primary if not crossbreed)
BreedName: VARCHAR Name of breed in form breed1 / breed2 if crossbreed
CrossBreed: INTEGER 1 if animal is a crossbreed
DateOfBirth: TIMESTAMP The animal's date of birth
AnimalAge: VARCHAR Readable animal age (eg: 1 year, 3 months)
Sex: INTEGER Link to the lksex table
IsHouseTrained: INTEGER 1 if the animal is house trained
Adoptable: INTEGER 1 if the animal is adoptable according to publishing rules
ShelterCode: VARCHAR(255)

Table: **AnimalType**

animal_type_id: INT
animal_type: VARCHAR(200)
animal_description: VARCHAR(1024)

Table: **EntryReason**

ID: INT
Reason_name VARCHAR
Reason_description VARCHAR
Animal_id INTEGER

Table: **Owner**

The owner table holds a row for every person stored in ASM's database.

ID: INTEGER A unique, incrementing number that identifies this record

OwnerInitials: VARCHAR The person's initials

OwnerFirstNames: VARCHAR The person's first name(s)

OwnerLastName: VARCHAR Title, The person's last name

OwnerAddress: VARCHAR The address

OwnerCity: VARCHAR The town or city (depending on locale)

OwnerCounty: VARCHAR The county or state (depending on locale)

OwnerZipcode: VARCHAR

Cellphone: VARCHAR

EmailAddress: VARCHAR

Table: **Breed**

Id: INT

BreedName: VARCHAR (1024)

BreedDescription: VARCHAR(1024)

Species_id: INT

Table: **Species**

Id: INT

SpeciesName: VARCHAR (1024)

Species Description:

Relationships

One-to-one: EntryReason, Shelter

One-to-many: Animal_Type, Species, Breed

Many-to-many: Animals, Owner