



Relationships


- 1) Species and Animals
 - One to many
 - A species can have many animals associated with it, but an animal belongs to only one species.
- 2) Owners and Animals
 - One to many
 - An owner can have multiple animals, but an animal can belong to only one owner (see owner's table note)
- 3) Animals and Medical Records
 - One to many
 - An animal can have multiple medical record entries, but a record entry belongs to only one animal


Animals Table
represents all animals involved with the pet adoption agency

- animal_id SERIAL PRIMARY KEY
- species_id INTEGER NOT NULL REFERENCES Species(species_id)
- animal_name VARCHAR(200)
- breed VARCHAR(200)

Owners		
	owner_id	integer
	animal_id	integer
	first_name	varchar(200)
	last_name	varchar(200)
	phone	varchar(15)
	email	varchar(60)

Animals		
	animal_id	integer
	species_id	integer
	animal_name	varchar(200)
	breed	varchar(200)

MedicalRecords		
	medical_record_id	integer
	animal_id	integer
	description	text

Species		
	species_id	integer
	species_name	varchar(200)

Medical Records Table

- represents the medical records for animals
- medical_record_id SERIAL PRIMARY KEY
 - animal_id INTEGER NOT NULL REFERENCES Animals(animal_id)
 - description TEXT

Owners Table

represents the owners of adopted pets

**** For this table, an owner is the primary representative for a family

- owner_id SERIAL PRIMARY KEY
- animal_id INTEGER NOT NULL REFERENCES Animals(animal_id)
- first_name VARCHAR(200)
- last_name VARCHAR(200)
- phone VARCHAR(15)
- email VARCHAR(60)

Species Table

represents all species

- species_id SERIAL PRIMARY KEY
- species_name VARCHAR(200)