Pet adoption brainstorming

Brainstorming/Data needed

- Animals
- Species
- Adoption status
- age
- Employee
- Adoption portal
- User email
- User name
- User password
- Contact info
- Donate
- Volunteer
- Volunteer name
- Volunteer age
- Volunteer location
- Volunteer time

Tables

User table:

- User_id
- Email
- password
- Picture
- Contact info

Animals

- Species
- Age
- Picture
- Bio
- health
- Adoption status
- location

Species
- Animal species
- Animal name

Employee
- First name
- Last name
- Location
- Position
- Hire date

Volunteer
- First name
- Last name
- Age
- Location
- Allergies

Donations
- Amount
- Donator
- date

```
CREATE TABLE users(
  user_id SERIAL PRIMARY KEY,
  user_email VARCHAR(50),
  user_password VARCHAR(20),
  user_picture TEXT,
  contact_info VARCHAR(50),
  favorite_pet INT NOT NULL REFERENCES animals(animal_id)
);

CREATE TABLE animals(
  animal_id SERIAL PRIMARY KEY,
  animal_name VARCHAR(50),
  animal_bio VARCHAR(1000),
  animal_picture TEXT,
  animal_species INT NOT NULL REFERENCES species(species_id),
  is_adoptable BOOLEAN,
  animal_health VARCHAR(1000)

);
```

```
CREATE TABLE species(
  species_id SERIAL PRIMARY KEY,
  species_type VARCHAR(50),
  animal_name  INT NOT NULL REFERENCES animals(animal_name)
);

CREATE TABLE volunteer(
  volunteer_id SERIAL PRIMARY KEY,
  user_id INT NOT NULL REFERENCES users(user_id),
  volunteer_name VARCHAR(50),
  volunteer_age INT(20),
  volunteer_location VARCHAR(50),
  volunteer_allergies VARCHAR(1000)
);

CREATE TABLE employee(
  employee_id SERIAL PRIMARY KEY,
  user_id INT NOT NULL REFERENCES users(user_id),
  hire_date TIMESTAMP

);

CREATE TABLE donations(
  donations_id SERIAL PRIMARY KEY,
  user_id INT NOT NULL REFERENCES users(user_id),
  donation_amount MONEY,
  donation_date TIMESTAMP
);
```