Animal Shelter

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### Table of Contents

[Table of Contents](#_7vbf9ja7xyoi)

[Mission Statement](#_j2qiseiwi40z)

[Database](#_xo49dqo7h1vn)

[Features](#_pamvuvex3ump)

[Link](#_fcmgtowcu1fr)s

[Schedule](#_ye3wz1kg9ovv)

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### Mission Statement

We are creating an API for an animal adoption website hub. We would like various shelters to post available animals that are ready to be adopted and give potential animal owners an easy way to access this information.

### Database

table User{

Id string

UserType UserType

FullName string

CompanyName string

PhoneNumber string

Address string

Vaccines virtualListVaccine

Animals virtualListAnimal

Posts virtualListPost

Ratings virtualListRating

Rating double

}

table Adoption{

UserId string

AdoptionId int

PostId int

Post virtualPost

}

table Animal{

AnimalId int

Name string

Species SpeciesType

Breed string

Sex bool

Fixed bool

Vaccines virtualListVaccine

Age string

Description string

AdoptionPrice decimal

IsHouseTrained bool

IsDeclawed bool

IsEdible bool

}

table Comment{

CommentId int

Content string

Author string

Replies virtualListReply

PostId int

Post virtualPost

}

table UserRating{

RatingId int

AdoptingProcessScore double

FriendlinessScore double

AverageScore double

Id int

ApplicationUser virtualApplicationUser

}

table Post{

UserId string

PostId int

AnimalId int

Animal virtualAnimal

ProfileId int

Comments virtualListComment

}

table Reply{

ReplyId int

Content string

Author string

CommentId int

Comment virtualComment

}

table Vaccine{

VaccineId int

Name string

CommonName string

ApplicableAnimals listString

VaccinationSchedule string

}

Endpoints

Post Register Account

Get Token

Post Logout

Get Customers

Get Companies

Get Vets

Get User by Email

Update User by Id

Delete User by Email

Post User Rating

Get User Rating

Get User Rating by Rating Id

Post Create Dog

Post Create Cat

Post Create Bunny

Get Animals Posts

Update Animal Posts

Delete Animal Posts

Post Adoption

Get Adoption

Get Adoption By Id

Update Adoption

Comment on Post

Get Comment on Post

Update Comment on Post

Delete Comment on Post

Reply on Comment

Get Reply on Comment

Update Reply on Comment

Delete Reply on Comment

Create Vaccine

Get Vaccines

Update Vaccine

Delete Vaccine

### Features

|  |  |
| --- | --- |
| Version 1.0 / MVP | Version 2.0 / Stretch Goals |
| * Search for Animal * Post an Animal * Adopt an Animal | * Provide Vaccine Info |

### 

### Trello Link

[Animal Shelter Trello Link](https://trello.com/b/lJKVo70w/animal-shelter)

### Database Diagram

### [Animal Shelter Diagram Link](https://dbdiagram.io/d/60413b9bfcdcb6230b22a5df)

### Schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** | **Day 6** | **Day 7** |
| Planning  DB Setup  Structure  Properties | Planning  Trello  Classes  Tickets  Goals |  |  |  |  |  |
| **Day 8** | **Day 9** | **Day 10** | **Day 11** | **Day 12** | **Day 13** | **Day 14** |
|  |  |  |  |  |  |  |