


Project: Web Programming with Ruby


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Animal Shelter

Planning

Proto Personas - Target group: employees and contributors

 <p>Name: Joanne 33 Born in Scotland</p>	<p><u>Proto-persona</u></p> <p>Behaviours:</p> <ul style="list-style-type: none"> • Loves animals • Been an animal carer for five years • Doesn't have her own animals • Cares deeply for the animals at the shelter • Loves to catch up with the animals who have been adopted. • Very social
<p>Demographics:</p> <p>Employee at animal shelter Single Dependants - none Lives alone</p>	<p>Needs and Goals:</p> <ul style="list-style-type: none"> • Wants to adopt a dog when she can • Loves to catch up with ones + animals she used to care for • Loves finding homes for animals • Needs to check owner suitability for the needs of the animals.

 <p>Name: Thomas 42 Born in Liverpool, moved to Scotland after he graduated, lived here 2 18 years.</p>	<p>Behaviours:</p> <ul style="list-style-type: none"> • Loves animals • Visits shelter twice a week to support animals • recommends animals into shelter • Advocate for the shelter, helps raise money for it with charity events • Has some friends who have adopted animals from the shelter
<p>Demographics:</p> <p>vet who works ^{goes in} at shelter 2 days a week Married with one child single</p>	<p>Needs and Goals:</p> <ul style="list-style-type: none"> • To provide shelter with info about animal needs + requirements of ones. • To signpost potential ones to shelter • To check on progress of animals.

User Mapping - Employee at shelter

<u>User mapping</u>		
<u>Joanne:</u>		
• As a carer at the shelter	I want to be able to mark animals as adoptable or not ready to adopt	So that I can ensure animals can be adopted as early as possible
• As a " "	I want to see a list of potential owners	So that I can search through + contact a potential owner-animal match
• As a " "	I want to see the list of successful adoptions	So that I can keep in touch + up to date with the animals I used to care for.

User Mapping - Vet who comes to shelter

Thomas

- As a vet

I want to be able
to update animal needs

so that they can
be matched to a
suitable owner who
can maximise their care

- As an advocate of
the shelter

I want to be able to show
a list of adoptable animals
to my friends

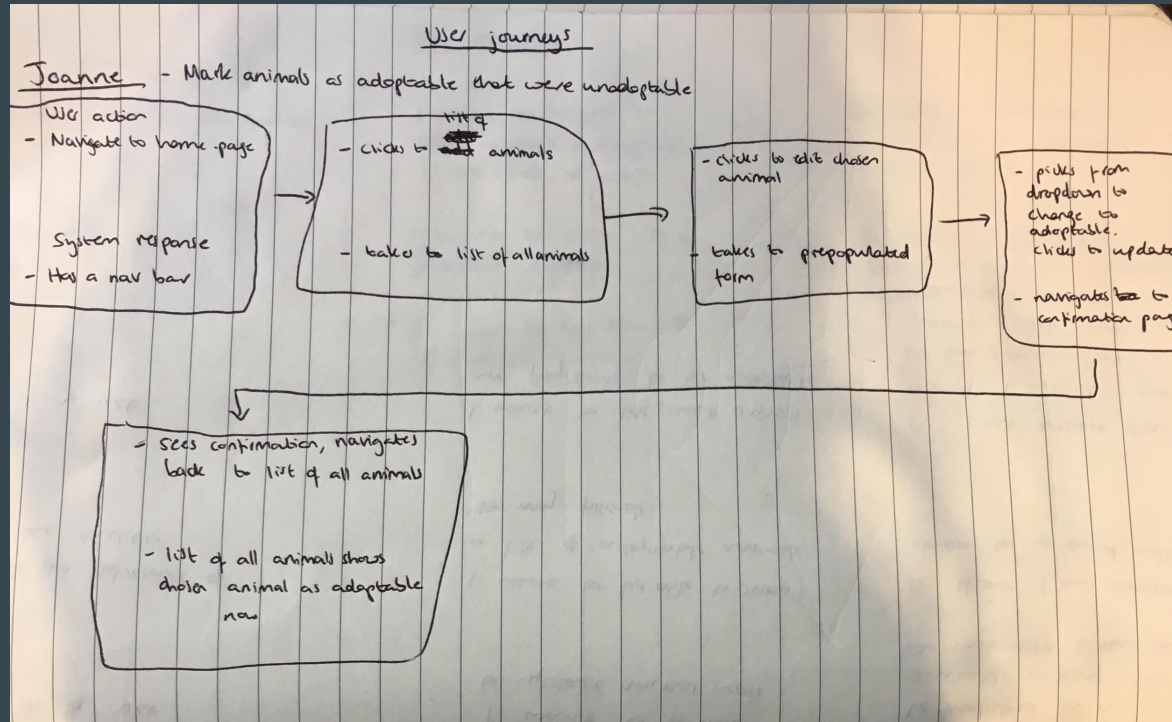
so that I can convince
them to go and adopt

- As a vet

I want to see that animals
are progressing to be adoptable

so I can ensure the
animals I helped + sent
to the shelter are
getting good homes +
recovery.

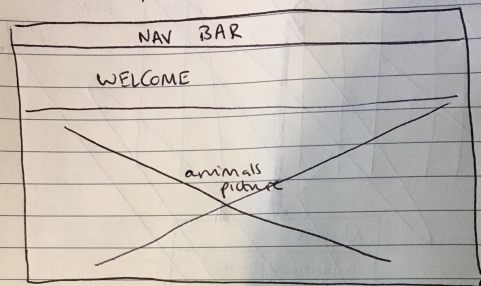
User Journey



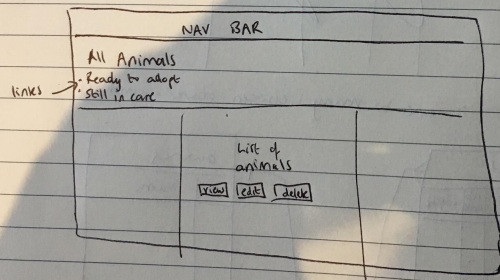
Wireframes

Wireframes

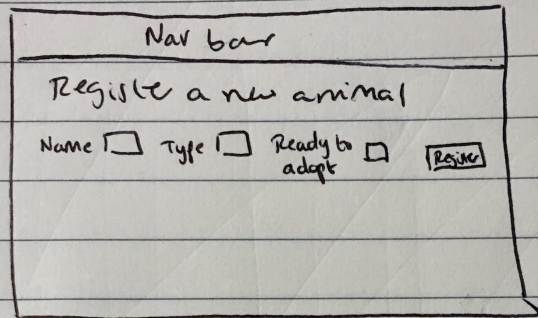
Home page



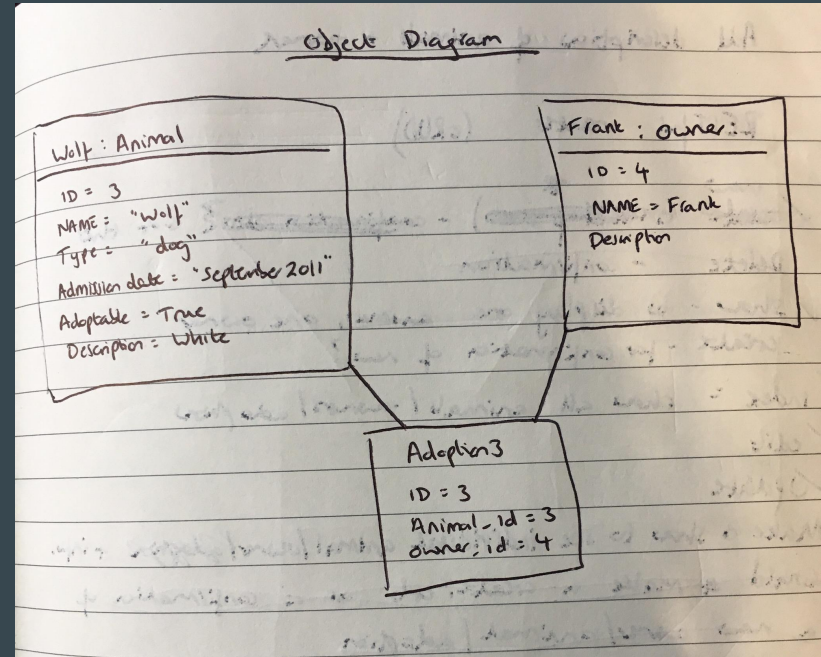
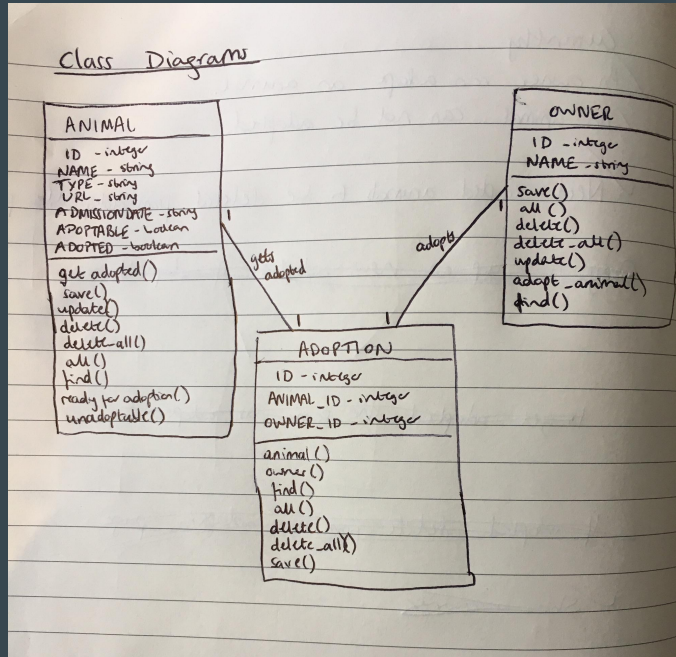
List of animals



New animal



Class and object diagrams



Functionality

Cool Code and things I
would change

The Code

```
get '/adoptions/new' do
  animals = Animal.all()
  @animals = Animal.ready_for_adoption()
  @owners = Owner.all()
  erb("adoptions/new")
end

get '/adoptions/:id' do
  @adoption = Adoption.find(params[:id])
  erb("adoptions/show")
end
```

Order of routes

```
def self.ready_for_adoption()
  sql = "SELECT * FROM animals WHERE adoptable = 't' AND adopted = 'f'"
  animal_data = SqlRunner.run(sql)
  animals = map_items(animal_data)
  return animals
end
```

```
def get_adopted()
  @adopted = true
end
```

SQL statement nicer than Ruby in this case

Combination of simple methods to solve problem

```
get '/adoptions/new' do
  animals = Animal.all()
  @animals = Animal.ready_for_adoption()
  @owners = Owner.all()
  erb("adoptions/new")
end
```

```
post '/adoptions' do
  adoption = Adoption.new(params)
  adoption.save()
  animal = Animal.find(adoption.animal_id)
  animal.get_adopted()
  animal.update()
  redirect to("/adoptions")
end
```

Things I would change or add

- Better Navigation
- Put admission date as a date not a string!!
- Have a search form on the animal index page (all animals page) to search by type of animal, adoptable status etc
- More styling, mainly of the registration and edit forms
- Have delete/edit/registration confirmations
- Add descriptions of animals and owners

Learning Points

- Plan, plan, plan!
- Design user journeys more in depth - NAVIGATION
- Keep it simple, complete the functions before moving on

Thanks!

