

A close-up photograph of a golden retriever being groomed. A person's arm, wearing a white shirt and a red wristband, is visible on the left, holding the dog's front right paw. The dog is looking slightly to the right with its mouth open, showing its tongue and teeth. The background shows a bright room with white walls and windows.

DIY GROOMING

Blog

Project Details

The Problem

Ever since the lockdown, many dog owners struggle to keep their beloved pets to stay groomed or in shape, pet groomers are also hard to find in the area and some, unfortunately, have to close their business down.

The Notting Hill neighbourhood management approached us to help them create an online blog, dedicated to dog owners in the community to post about their dog grooming tips and tricks to help the community to do their own DIY dog grooming.

The Blog Purpose

An online community blog that can be accessed by the Notting Hill neighbourhood community as well as other people interested in DIY dog grooming.

Anyone (especially those in the community) can share their tips and tricks on dog grooming.

Additionally, professional dog groomers can also promote their services and talents and possibly contacted when their service is needed.

The Target Audience

1. **Dog owners** who want to share their grooming skills.
2. **Professional dog groomers** who also want to promote their services and talents.
3. **Dog owners** who are *interested in DIY* their dog grooming and *looking for tips/tricks and help* for their dogs.
4. General and especially **dog lovers**

Personas & User Stories

User wants to share tips

As a Dog Owner, I want to share my DIY grooming skills
with some friends.

- I want to share my DIY dog grooming skills.

As a dog owner, I want to show how I clean my dog's ears
to post how I do it.

- I want to show how I clean my dog's ears.

As a dog owner, I want to show my handle skills during
grooming.

- I want to share how I handle skills during grooming.

Dog Owner looking for tips

As a Dog Owner, I need to learn how to cut my dog's nails,
so I learned some handy tricks.

- I want to learn how to cut a dog's nails.

As a Dog Owner, I don't know how to groom my "Mina"
She is a Golden Retriever and has a lot of long hair,
and I could see other tips and how to keep her
healthy and happy.

- I want to search how to groom a Golden Retriever.

As a Dog Owner, I didn't know some tricks during
bath time, and I could learn how to bathe my dog safely.

- I want to know how to bathe her beloved dog safely.

Professional Group

As a Professional Groomer, I would like to share my skills and services with the public community.

- I want to share my services.

As a professional groomer, I had the opportunity to show my skills to the community to post my work on the blog.

- I want to promote my business.

As a professional groomer, I want to find more groomers to establish more activities together.

- I want to seek professional groomers.

General Group

As a Dog Owner, I want to seek more of my dog's type breed around my community.

- I want to seek dogs, the same type of dog as I have.

As a dog lover, I want to see cute dogs around the community.

- I want to search for some dogs photos.

As a Dog Owner, I want to seek ideas about grooming my poodle during the lockdown stages.

- I want to seek how to groom a poodle.

Personas

Dog owners looking for tips

Olivia Smith



Job: Financial advisor

Demographics:

- 52 years old
- Single
- She has a silly golden retriever and, the dog wants to rush out every day.

Goals and Tasks:

Want to make more friends with dogs.

Environment:

She always walks her dog twice daily.

Quote:

"Hello, do you mind the dogs playing together?"

Professional Group

John - Woof Woof

Job: Professional Grooming

Demographics:
- 30 years old

Goals and Tasks:
- He is professional grooming.
- He lives with his pets.
- He keeps a day busy with his company.
- Owner of his mobile services.

Environment:
He is swamped and has a professional grooming company.

Quote:
"I need a space to post my services of grooming to promote my business."



User wants to share tips

Danielle Santos



Job: Mother

Demographics:

- 50 years old
- Married
- Mother of 2 kids

Goals and Tasks:

- She is a mother of two, but they are grown already.
- She has a calm life.
- She spends some time with her pet.

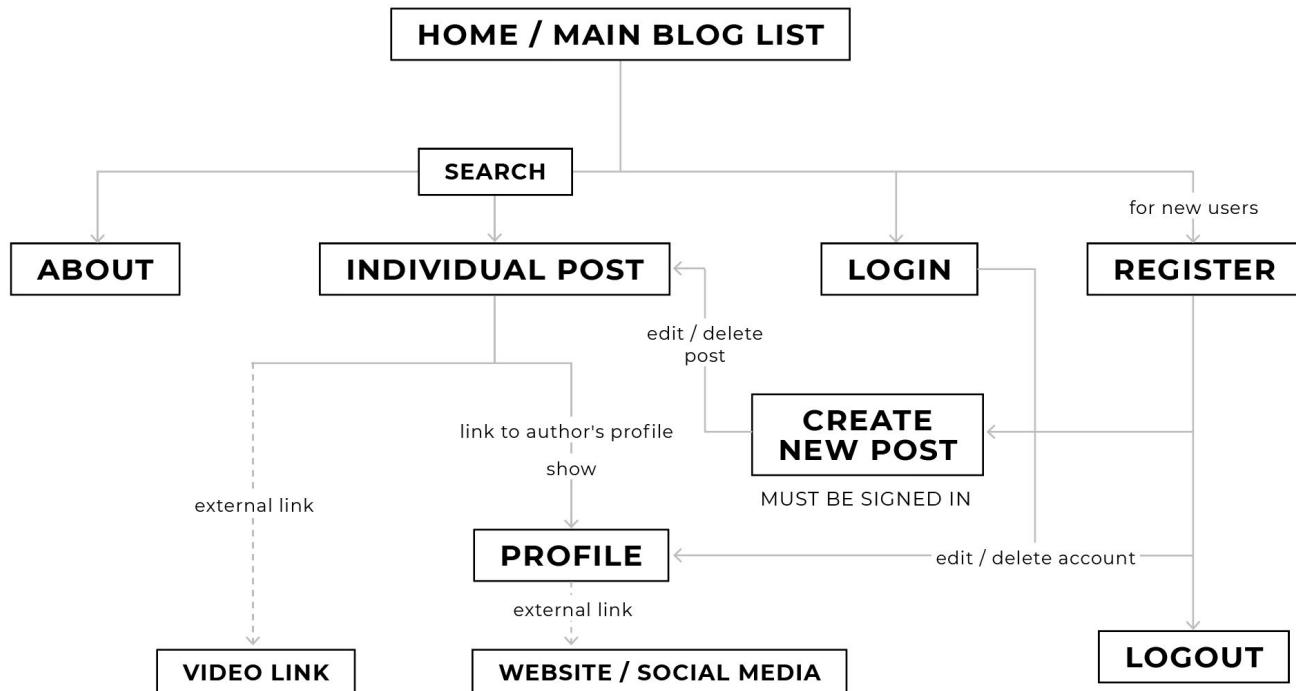
Environment:

She has a calm life and spends some time grooming her dog. With also like to share the trick that she knows on social media.

Quote:

"I want to share my grooming skills".

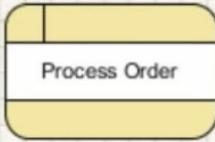
Sitemap



Data Flow Diagram

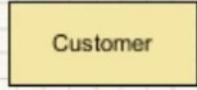
<https://www.youtube.com/watch?v=ztZsEI6C-mI&t=87s>

Building Blocks of DFD



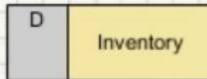
Process

A business activity or function where the manipulation and transformation of data takes place.



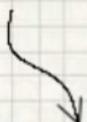
External Entity

An external entity can represent a human, system or subsystem. It is where certain data comes from or goes to.



Data Store

A data store represents the storage of persistent data required and/or produced by the process.

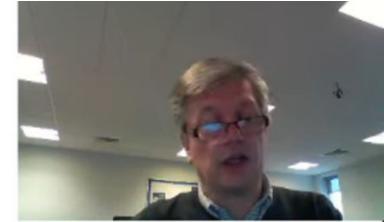
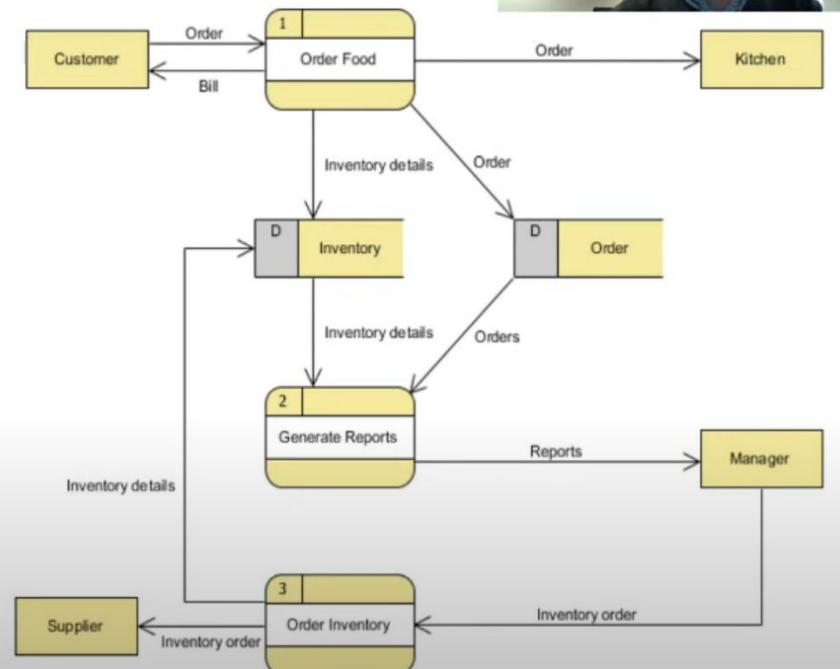


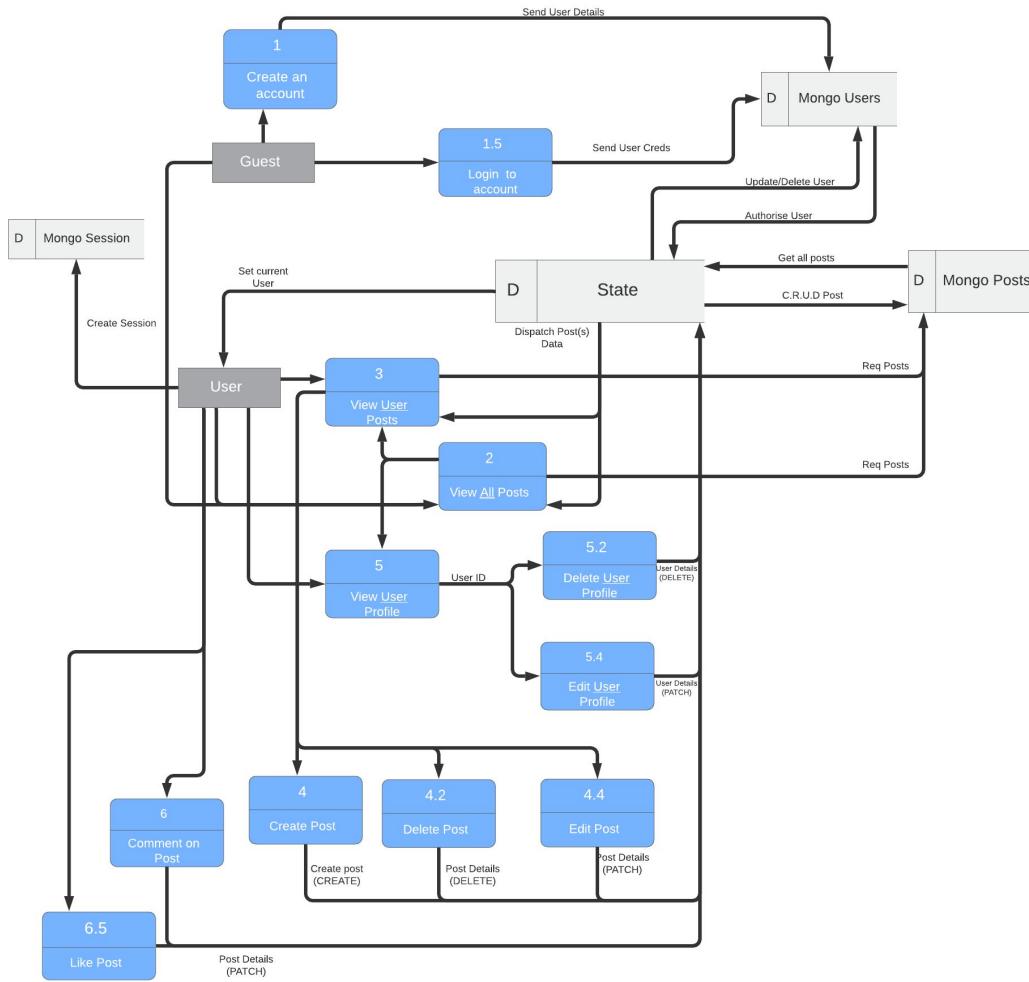
Data Flow

A data flow represents the flow of information. The arrows indicate the direction of data flow from beginning to the end.

Level 1 DFD rules and tips

1. Each process should have at least one input and an output.
2. Each data store should have at least one data flow in and one data flow out.
3. Data stored in a system must go through a process.
4. All processes in a DFD go to another process or a data store.





Brief Explanation

External reference (1): <https://www.youtube.com/watch?v=ztZsEl6C-mI&t=87s>.

External reference (2): <https://www.youtube.com/watch?v=WzcKgo7BQC0&t=566s>.

The flow of data starts at Guest and ends with Liking the Post. The diagram is labeled with numbers so that it is easier to follow.

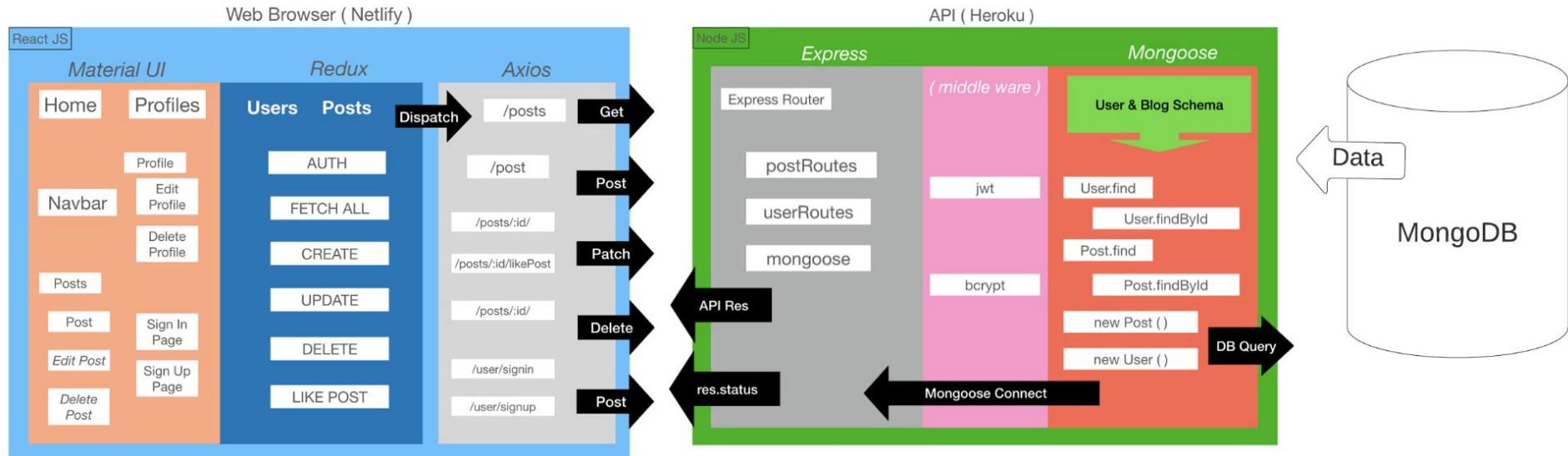
Guest will either create an account(1) or login(1.5). Everyone can view posts made by registered users(2). Guest must sign up(1) for more features.

Users have access to more features - they can create their own posts(4). They can edit their own posts(4.4) and delete them later(4.2).

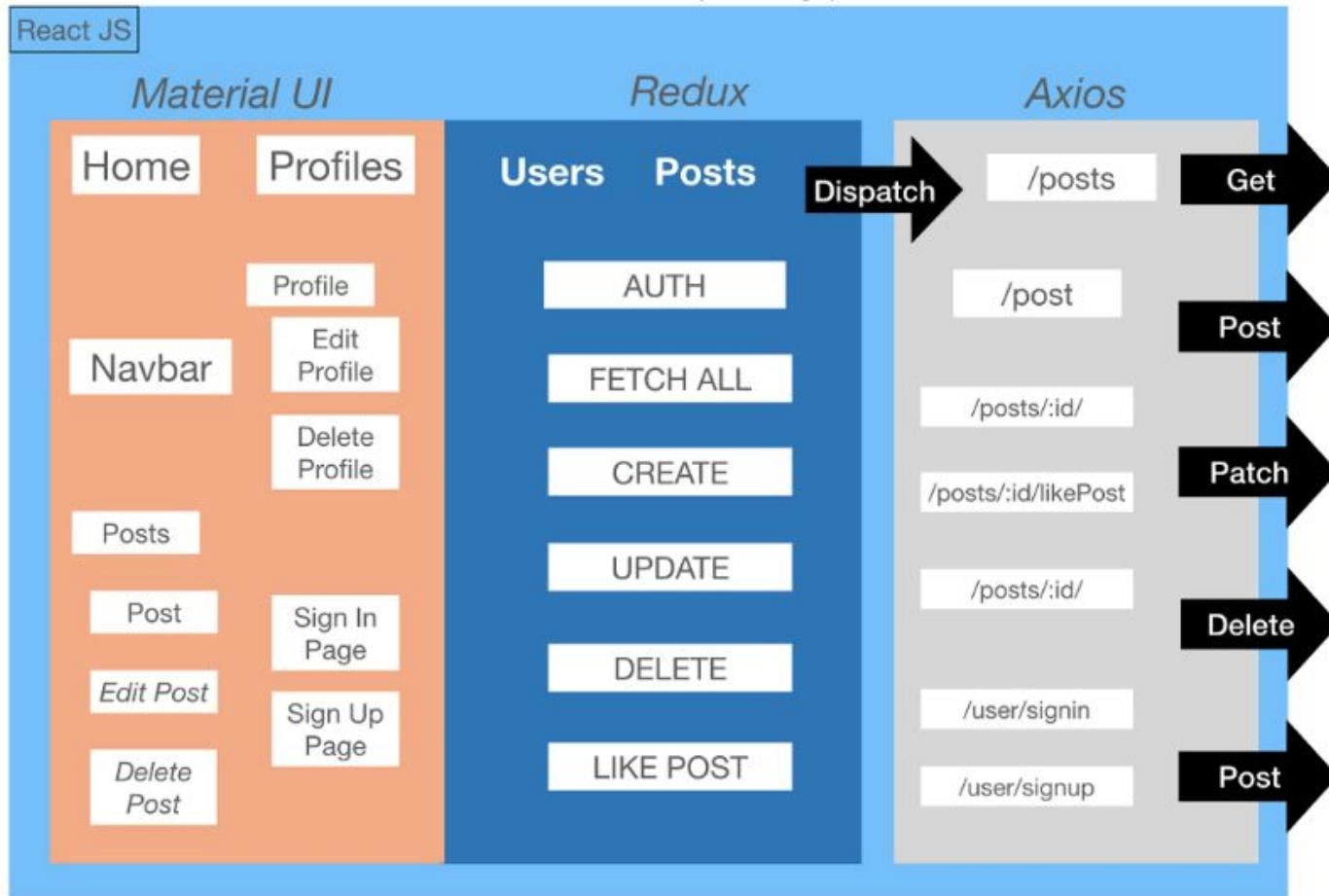
Users can also comment(6) and like(6.5) on their own posts and other's posts.

"State" is the local redux state that will communicate with the external API which are the Mongo "Users" and Mongo "Posts".

Application Architecture Diagram



Web Browser (Netlify)



API (Heroku)

Node JS

Express

Express Router

postRoutes

userRoutes

mongoose

API Res

res.status

(middle ware)

jwt

bcrypt

Mongoose

User & Blog Schema

User.find

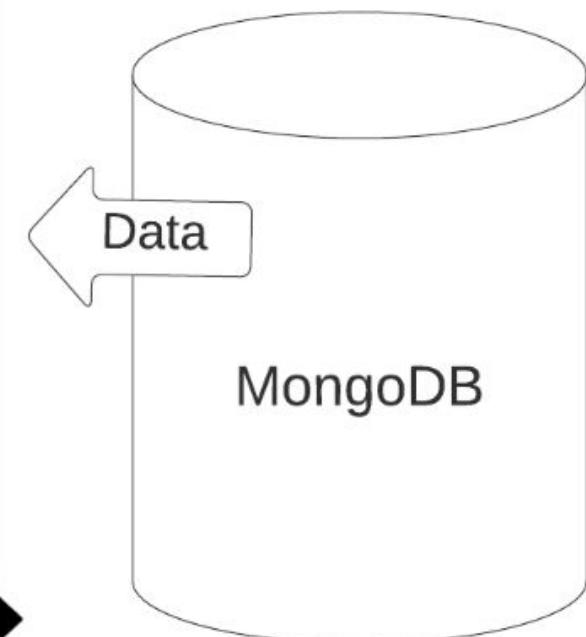
User.findById

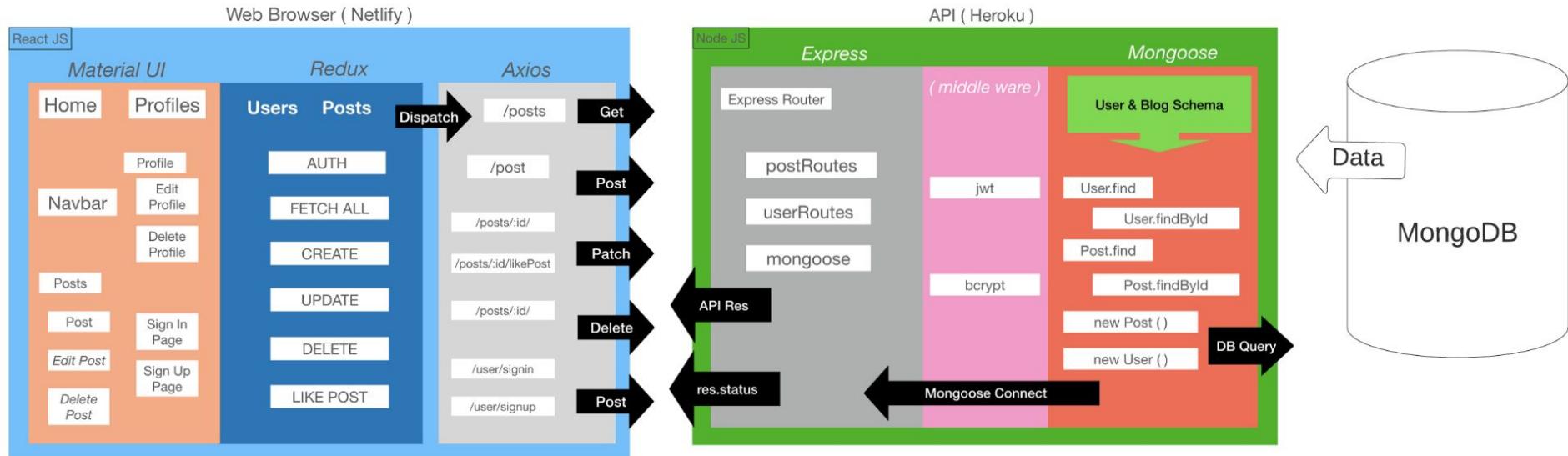
Post.find

Post.findById

new Post ()

new User ()





Brief Explanation

There are three entities - the front end, backend and the database.

The front end is in React JS with Material UI library. We will deploy on Netlify. State management will be handled by React Redux and Axios will be used to communicate to the backend.

The backend is in Node JS, to be deployed on Heroku. We will use Express and its router to receive and send back response to communicate with the frontend. For our security, we are leaning towards JSON web tokens and Bcrypt. Mongoose will be used to manipulate the collections in the actual MongoDB.

Other Possible Additions

- AWS Bitbucket
- Google Auth
- Firebase Auth

Features & Functionalities

Basic Features & Functionalities

TWO MAIN USER GROUPS:

General

- Can only view the homepage, about/info page, and individual blog posts
- Can register or sign-up for an account

Registered users

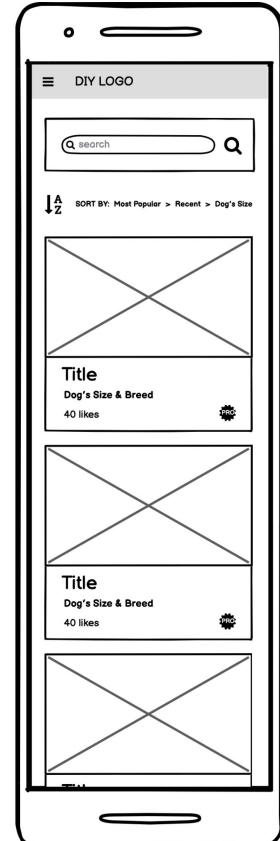
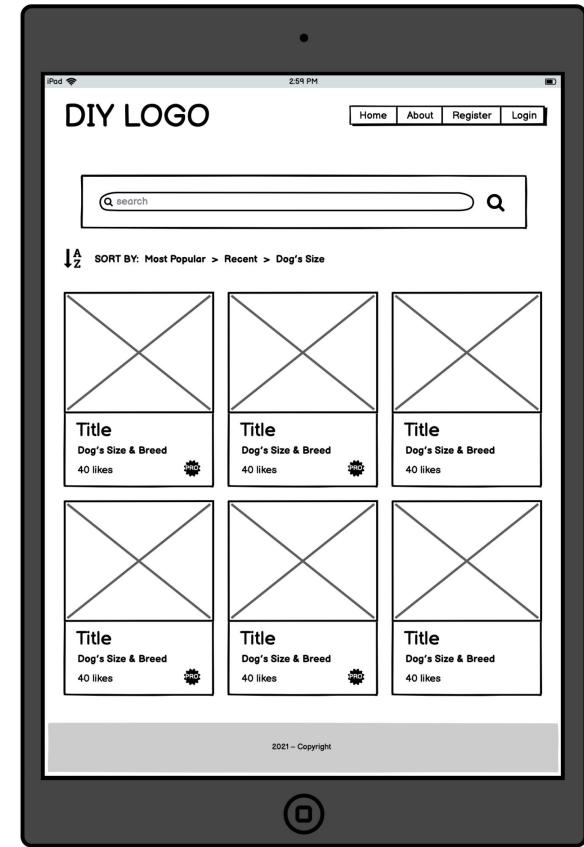
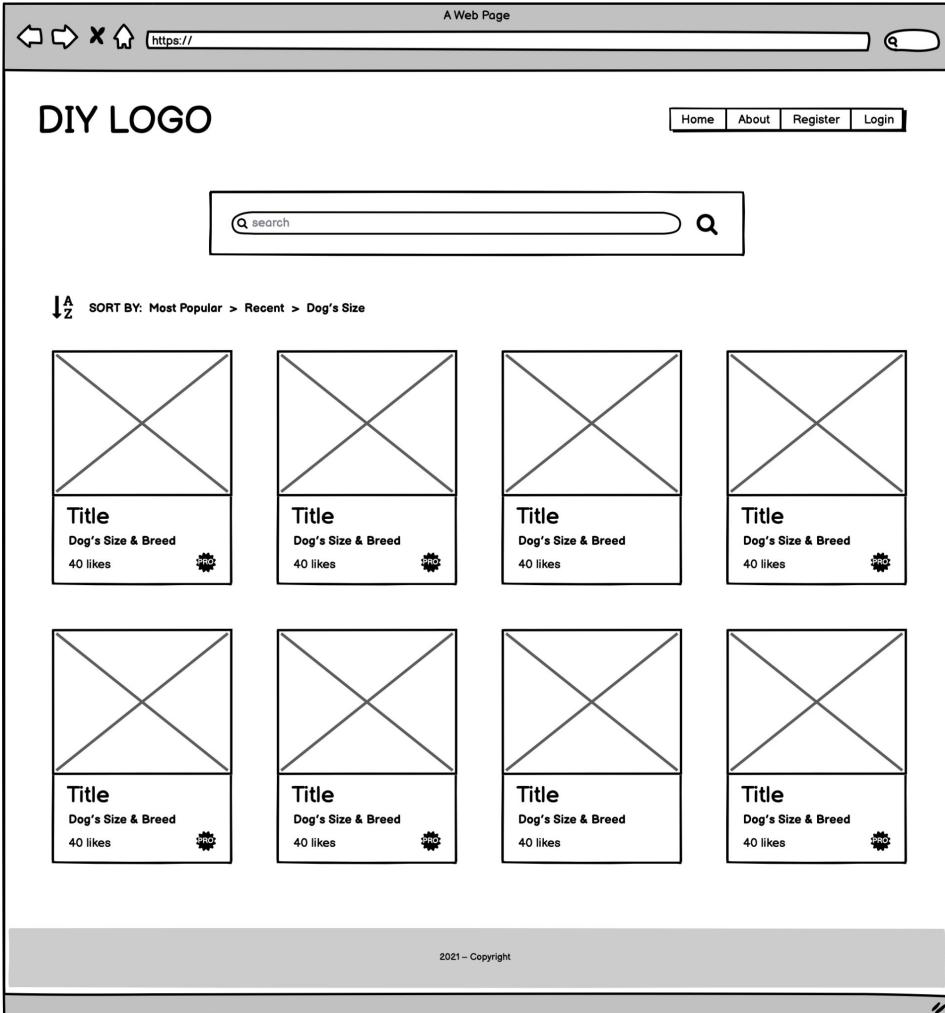
- Login, logout
- CRUD a blog post
- Can comment and like/dislike posts
- Profile page:
 - List of all written posts
 - Contact form

Basic Features & Functionalities

Not MVP but aiming to have:

- Main page / blog posts list:
 - Searchbar
 - Sort / Filter functionality
- Registered users able to save/bookmark blog post (viewable on profile page)
- Admin feature as the blog moderator

Wireframes & UI



HOME

A Web Page
https://

DIY LOGO

Home About Register Login



Logo preview area showing a grid of small versions of the logo.

Register An Account

Choose a username

E-mail address

I am dog owner Yes No

I am a professional dog groomer Yes No

Your service location

Website / Social Media

Choose password

Confirm password

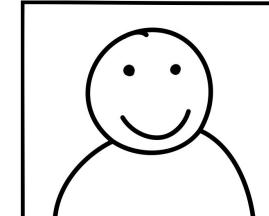
Register [Already have an account? Sign in](#)

2021 - Copyright

A Web Page
https://

DIY LOGO

Home About Register Login



Profile picture area showing a grid of small versions of the profile picture.

Username

Professional Groomer

Service location

Website / Social Media

Edit **Delete**

Read Username's Posts

Contact

Hi,
I like your posts and want to ask if you can come and groom my dog. How much do you charge?

Send Message

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REGISTRATION & PROFILE

A Web Page https://

DIY LOGO

Home About Register Login

BEFORE AFTER

muzzles over

Author Username Professional Groomer

Dog date month year | Approximate time: 2hrs

STEPS INSTRUCTIONS

- ①
- ②
- ③
- ④

40 likes 2 comments

[Edit](#) [Delete](#)

Commenter username Dog date month year

Commenter username Dog date month year

Comment...

Submit Comment

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A Web Page https://

DIY LOGO

Home About Register Login

Write a post

Post title

Dog's breed

Dog's size Small Medium Large

Approximate duration

Before image

After image

Video link

Instructions

1 lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex [Edit](#) [Delete](#)

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[Delete](#) [Preview](#) [Publish](#)

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INDIVIDUAL POST
& WRITE POST

GDIYroming

Find tips and tricks to groom your beloved pet

Primary Font: Serif – Libre Baskerville

Used for headings, links and special treated texts

Aa Bb Cc Dd Ee Ff Gg
Hh Ii Jj Kk Ll Mm Nn
Oo Pp Qq Rr Ss Tt Uu
Vv Ww Xx Yy Zz
0123456789

Primary Font: Sans Serif – Montserrat

Used for paragraphs and standard text

Aa Bb Cc Dd Ee Ff Gg
Hh Ii Jj Kk Ll Mm Nn
Oo Pp Qq Rr Ss Tt Uu
Vv Ww Xx Yy Zz
0123456789

Colour Schematic Design



PRIMARY DARK – #502D5C



PRIMARY LIGHT – #EBEAE7

ACCENT COLORS



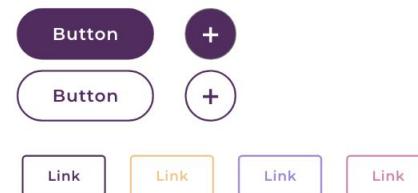
#ECC590



#9984CB



#CB85A8



Find tips and tricks to groom your beloved pet

Search post



FEATURED POSTS



MEDIUM GOLDEN RETRIEVER

Deep Clean For Long
Haired Dogs

by Woof Woof

15 Nov 2021

23 5



SMALL PITBULL

How To Tame Stubborn
Dogs Who Dislike Bath?

by Woof Woof

15 Nov 2021

23 5

FILTER BY SIZE:

Small

Medium

Large



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*Find tips and tricks
to groom your beloved pet*

Search post



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FILTER BY SIZE:

SMALL SHIBA

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Stubborn Dogs Who
Dislike Bath?

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15 Nov 2021

23 5

SMALL SHIBA

How To Tame
Stubborn Dogs Who
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by Woof Woof

15 Nov 2021

23 5

SMALL SHIBA

How To Tame Stubborn
Dogs Who Dislike Bath?

by Woof Woof

15 Nov 2021

23 5

HIGH-FIDELITY
WIREFRAMES

Deep Clean For Long Haired Dogs

MEDIUM GOLDEN RETRIEVER



Before
by Woof Woof
Professional Groomer

15 Nov 2021 2 hrs

Instructions

1 Quidem est deleniti consequatur aspernatur fugit rem quod distinctio autem. Atque cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate fugit. A. Sunt quasi tenetur a qui aperiam corrupti nemo isam. Voluptatum qui voluptatem dolorem tempore cumque voluptatem dolor. Qui reprehenderit qua consequetur.

2 Et paratur quisquam libero mollitia vel. Animis aperiam iusto illo voluptatem autem enim voluptatem ea dicimus. Quasi cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate eveniet reiciendis omnis. Odio blanditis est aliquam consequatur fugit. Aut impedit dolorem quo at aliquam.

3 Consequatur ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laborum. Ab eligendi harum fugit commedit et eis ut quae. Minus reiciendis laborum sint ab temporibus dignissimos animi. Nulla totam est ut distinctio qui. Neque repudiandae quia. Odio tenetur eaque et sint eveniet sequi aperiam qui corrupti.

VIDEO

edit post

23

Comments

Comment

2 COMMENTS

Username
16:53PM, 23 Nov 2021

Et paratur quisquam libero mollitia vel. Animis aperiam iusto illo voluptatem autem enim voluptatem ea dicimus. Quasi cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate eveniet reiciendis omnis. Odio blanditis est aliquam consequatur fugit. Aut impedit dolorem quo at aliquam.

Username
16:53PM, 23 Nov 2021

Et paratur quisquam libero mollitia vel. Animis aperiam iusto illo voluptatem autem enim voluptatem ea dicimus. Quasi cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate eveniet reiciendis omnis. Odio blanditis est aliquam consequatur fugit. Aut impedit dolorem quo at aliquam.

MEDIUM GOLDEN RETRIEVER



by Woof Woof
Professional Groomer

15 Nov 2021 2 hrs

Instructions

1 Omnis nam necessitatibus eligendi optio. Dolorum et consequatur libero est. Sint iure odit atque soluta.

2 Ut id iusto optio consequatur voluptatis facere voluptatibus. Minus reiciendis laborum sint ab temporibus dignissimos animi. Nulla totam est ut distinctio qui. Neque repudiandae quia. Odio tenetur eaque et sint eveniet sequi aperiam qui corrupti.

3 Omnis nam necessitatibus eligendi optio. Dolorum et consequatur libero est. Sint iure odit atque soluta.



edit post

Comment...

Comment

2 COMMENTS

Username
16:53PM, 23 Nov 2021

Expedita voluptibus ut. El aliquam aut enim aut blanditis nostrum. Ut id iusto optio!

Username
16:53PM, 23 Nov 2021

Expedita voluptibus ut. El aliquam aut enim aut blanditis nostrum. Ut id iusto optio!

Write Post

Title

Dog's Breed

Dog's Size

 Small
 Medium
 Large

Approximate Grooming Duration

Minutes

Instructions

- 1 Quidem est deleniti voluptates aspernatur fugit rem quod distinctio autem. Atque cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate fugit. A. Sunt quasi tenetur a qui aperiam corrupti nemo isam. Voluptatum qui voluptatem dolorem tempore cumque voluptatem dolor. Qui reprehenderit qua consequetur.
- 2 Et paratur quisquam libero mollitia vel. Animis aperiam iusto illo voluptatem autem enim voluptatem ea dicimus. Quasi cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate eveniet reiciendis omnis. Odio blanditis est aliquam consequatur fugit. Aut impedit dolorem quo at aliquam.
- 3 Consequatur ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laborum. Ab eligendi harum fugit commedit et eis ut quae. Minus reiciendis laborum sint ab temporibus dignissimos animi. Nulla totam est ut distinctio qui. Neque repudiandae quia. Odio tenetur eaque et sint eveniet sequi aperiam qui corrupti.

Instructions

Current Steps

- 1 Quidem est deleniti voluptates aspernatur fugit rem quod distinctio autem. Distinctio mollitia velit et perferendis sapiente aut accusamus. Est fugiat fugit a. Sunt quasi tenetur a qui aperiam corrupti nemo ipsum. Voluptatum qui voluptatem dolorem tempore cumque voluptatem dolor. Qui reprehenderit qua consequetur.

- 2 Et paratur quisquam libero mollitia vel. Animis aperiam iusto illo voluptatem autem enim voluptatem ea dicimus. Quasi cumque et reprehenderit. Quidem nisi quis voluptatum sunt voluptate eveniet reiciendis omnis. Odio blanditis est aliquam consequatur fugit. Aut impedit dolorem quo at aliquam.

- 3 Consequatur ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laborum. Ab eligendi harum fugit commedit et eis ut quae. Minus reiciendis laborum sint ab temporibus dignissimos animi. Nulla totam est ut distinctio qui. Neque repudiandae quia. Odio tenetur eaque et sint eveniet sequi aperiam qui corrupti.

Save Draft

Publish

*Planned
Tech
Stack*

Back-End (Server Side)

MERN STACK

- Node.js
- MongoDB
- Express.js
- Firebase



Front-End (Client Side)

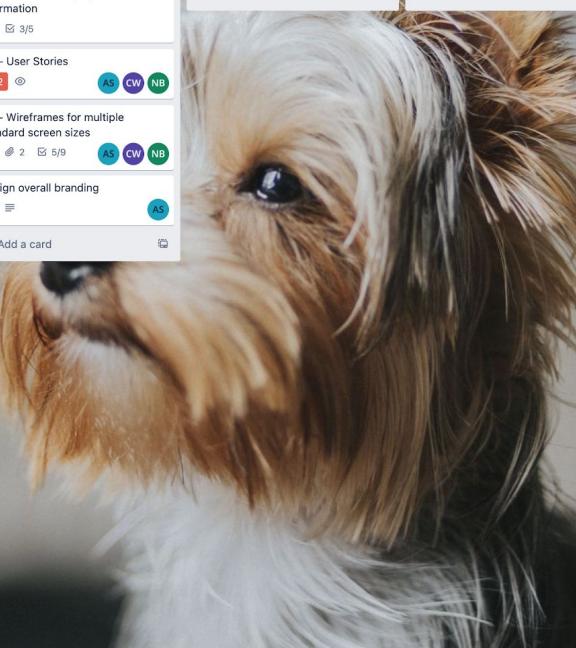
- React.js
- Material UI
- Testing: Jest & React Jest

Deployment

- Netlify(front-end)
- Heroku(back-end)

Project Management Tools

- Trello board
- Google drive
- Discord

A screenshot of a Trello board titled "The W.A.N.T Gang" under the workspace "CODING Project Management". The board features six lists: Backlog, To Do, Doing, Code Review, Testing, and Done. Each list contains several cards with specific tasks and descriptions. A template card for the Backlog list is highlighted.

Backlog

Backlog
1

USE THIS TEMPLATE CARD FOR A NEW CARD first, then inside the card → click the BLUE button on the top right corner "Create card from template"

This card is a template.

+ Add a card

To Do

To Do
1

R2 – Dataflow diagram

R3 – Application Architecture Diagram

R6 – Screenshots of your Trello board throughout the duration of the project

R7 – Upload to github / submit zipfile to canvas

+ Add a card

Doing

Doing
1

R1 – Finalise basic project information
3/5

R4 – User Stories
2

R5 – Wireframes for multiple standard screen sizes
2 5/8

Design overall branding

+ Add a card

Code Review

Code Review
1/3

+ Add a card

Testing

Testing
1

+ Add a card

Done

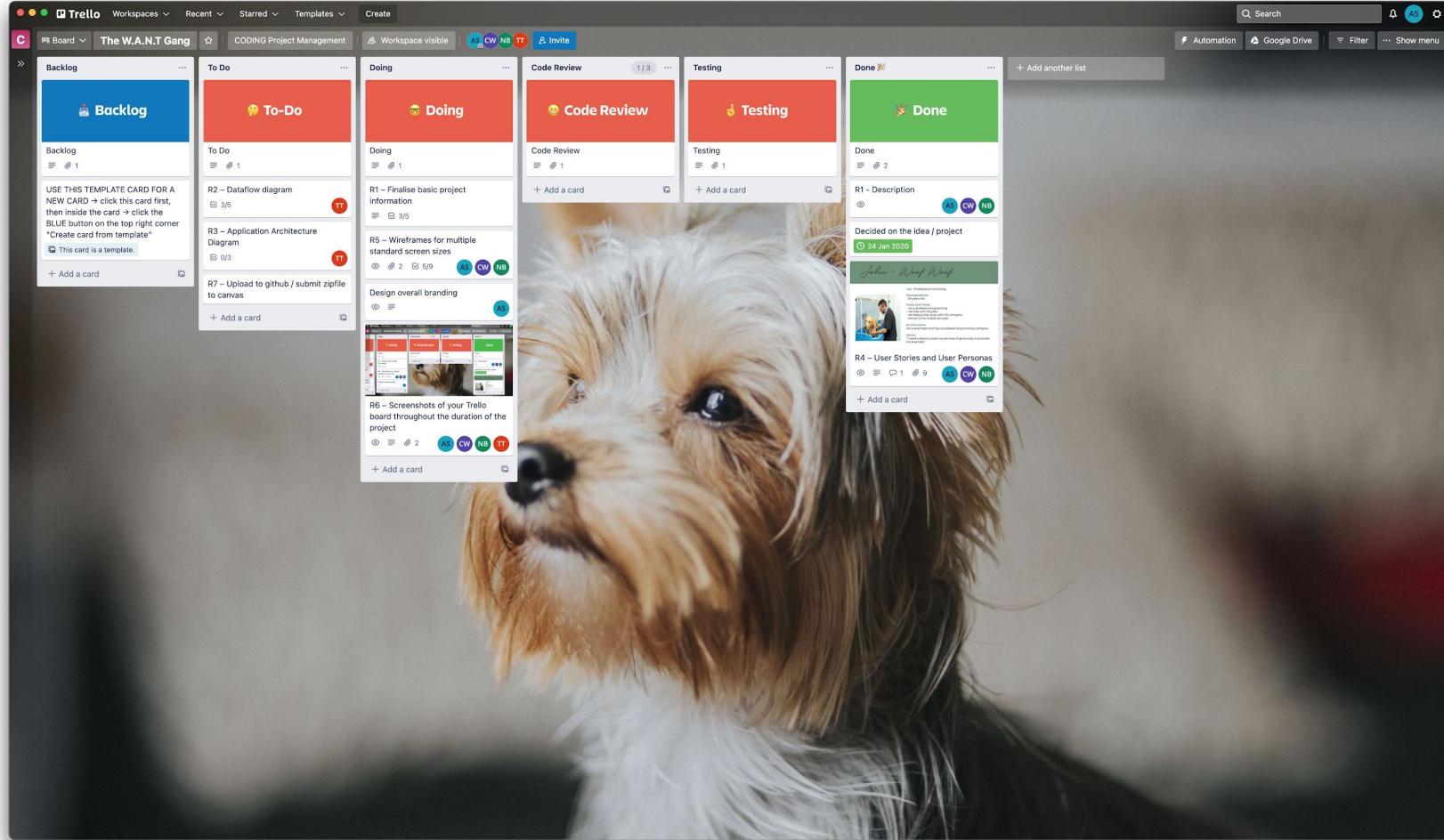
Done
2

R1 – Description
Decided on the idea / project
24 Jan 2020

+ Add a card

AS CW NB TT

Search Automation Google Drive Filter Show menu



Thank you!

— *By Winny, Angie, Natacha, Thang*