29/09/23

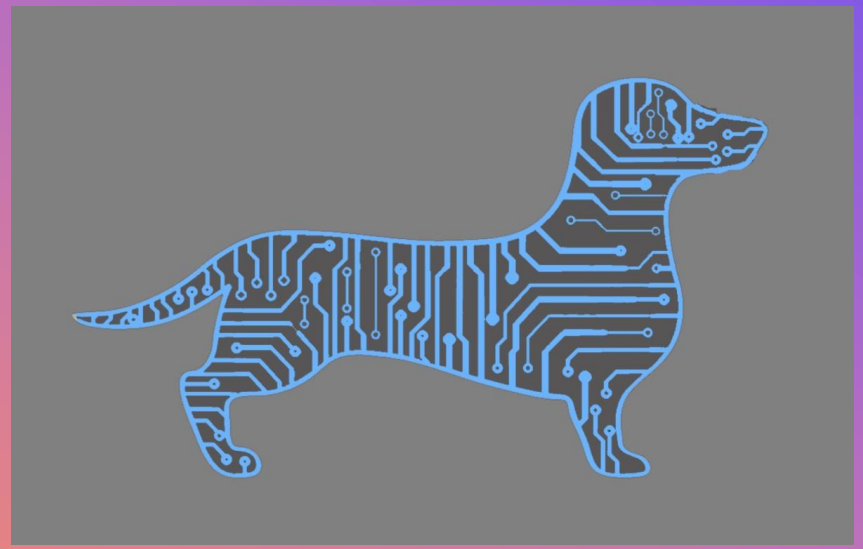
TECHDOG.BLOG

TECHDOG. BLOG

Created by: Steve, Stefan, Hakeem, Jess

Database

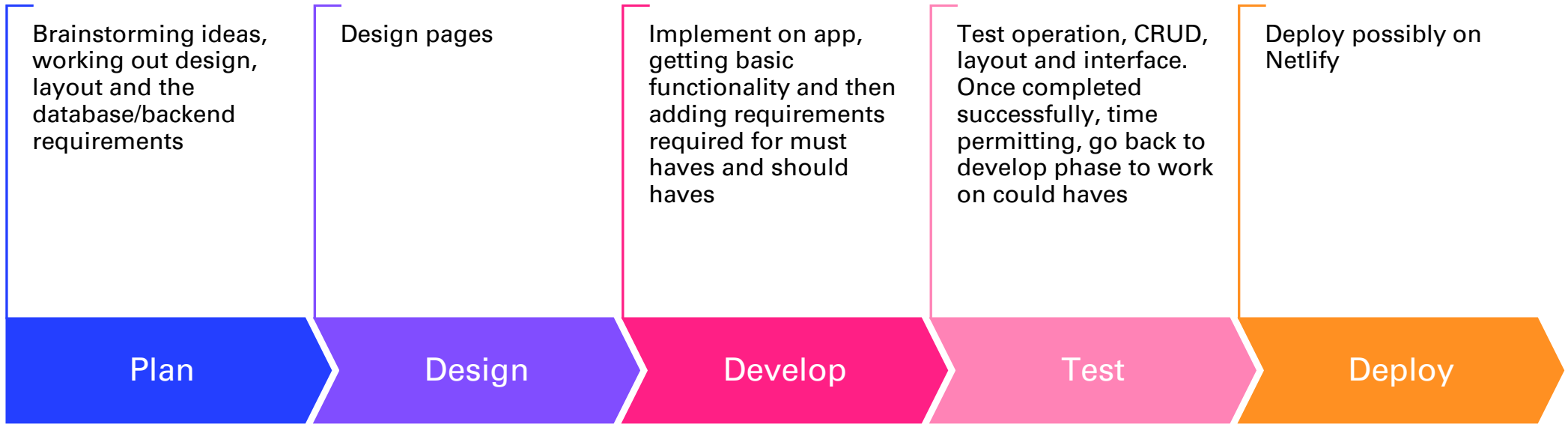
Site Design



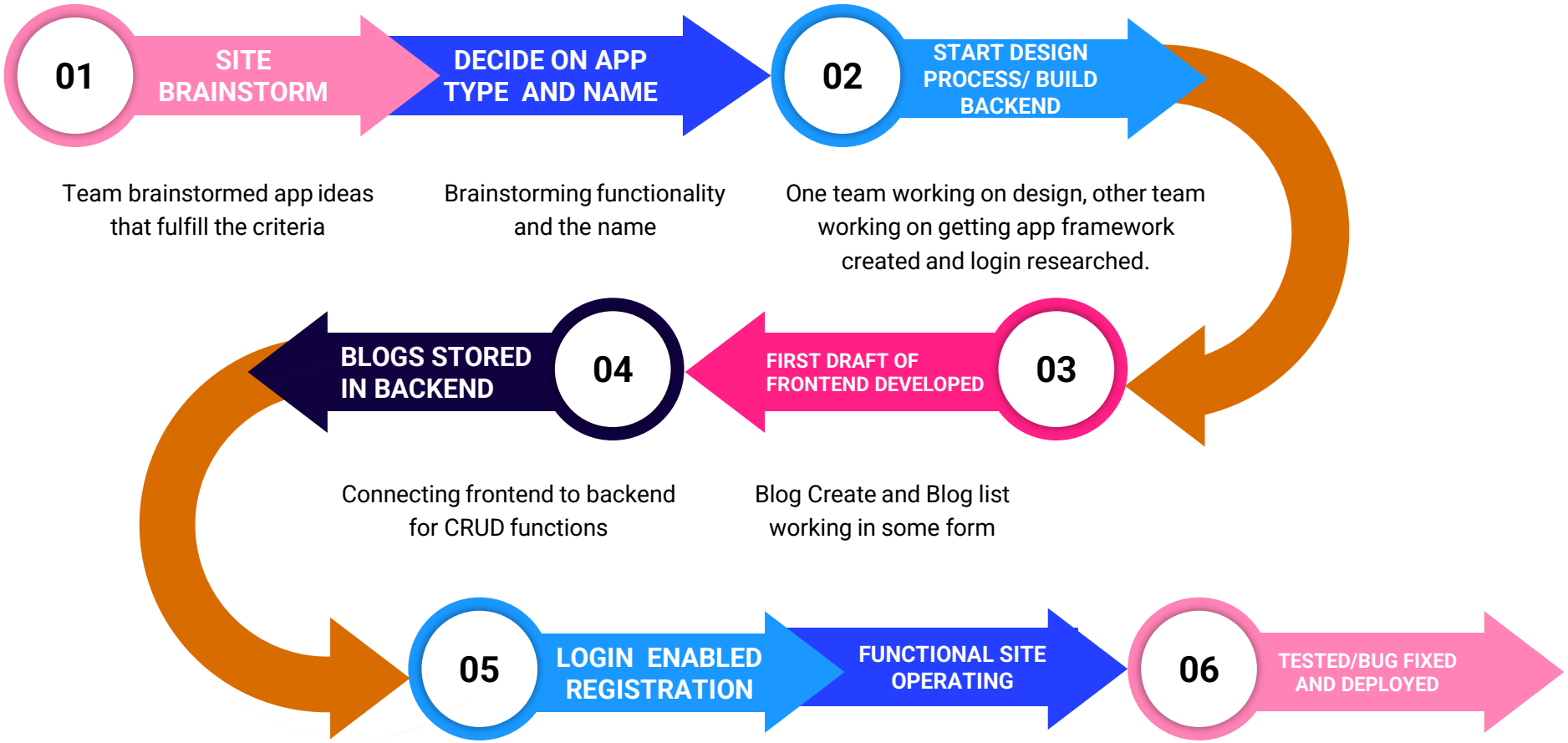
Introduction

After a brainstorming session we decided a blogging platform would be a good example of a full stack app. It requires a database to store, retrieve, edit and delete blogs (so fulfilling the CRUD requirement). It also requires user logon and registration, with details stored in another database. The display of the bogs will need some way to filter results. Styling will be very important to make the side legible and attractive

Timeline


Brainstorming ideas, working out design, layout and the database/backend requirements
Design pages
Implement on app, getting basic functionality and then adding requirements required for must haves and should haves
Test operation, CRUD, layout and interface. Once completed successfully, time permitting, go back to develop phase to work on could haves
Deploy possibly on Netlify
Plan
Design
Develop
Test
Deploy

APP BUILD PROCESS



DEFINING THE DATABASES

Blog Database

User Database

DataBase – 1 User Profile

UserID (GoogleID)	UserName	RealName	Email	Avatar	SecondName	Gender	AboutMe

DataBase – 2 Blogs

BlogID (Number)	UserID (Number)	TimeStamp (Number)	Title (String)	Text (String)	Group (Number)	Image (String)	Tags (Number, Array)	Likes (Number)	Comments (String, Array)
12345	98765	1809231517	Bootcamp Blog	I made a new app	WebDesign	urlhere			

Groups
Networking
Software Dev
Cloud Engineering
IT Support
Web Design
Consumer Tech

DESIGNING THE SITE

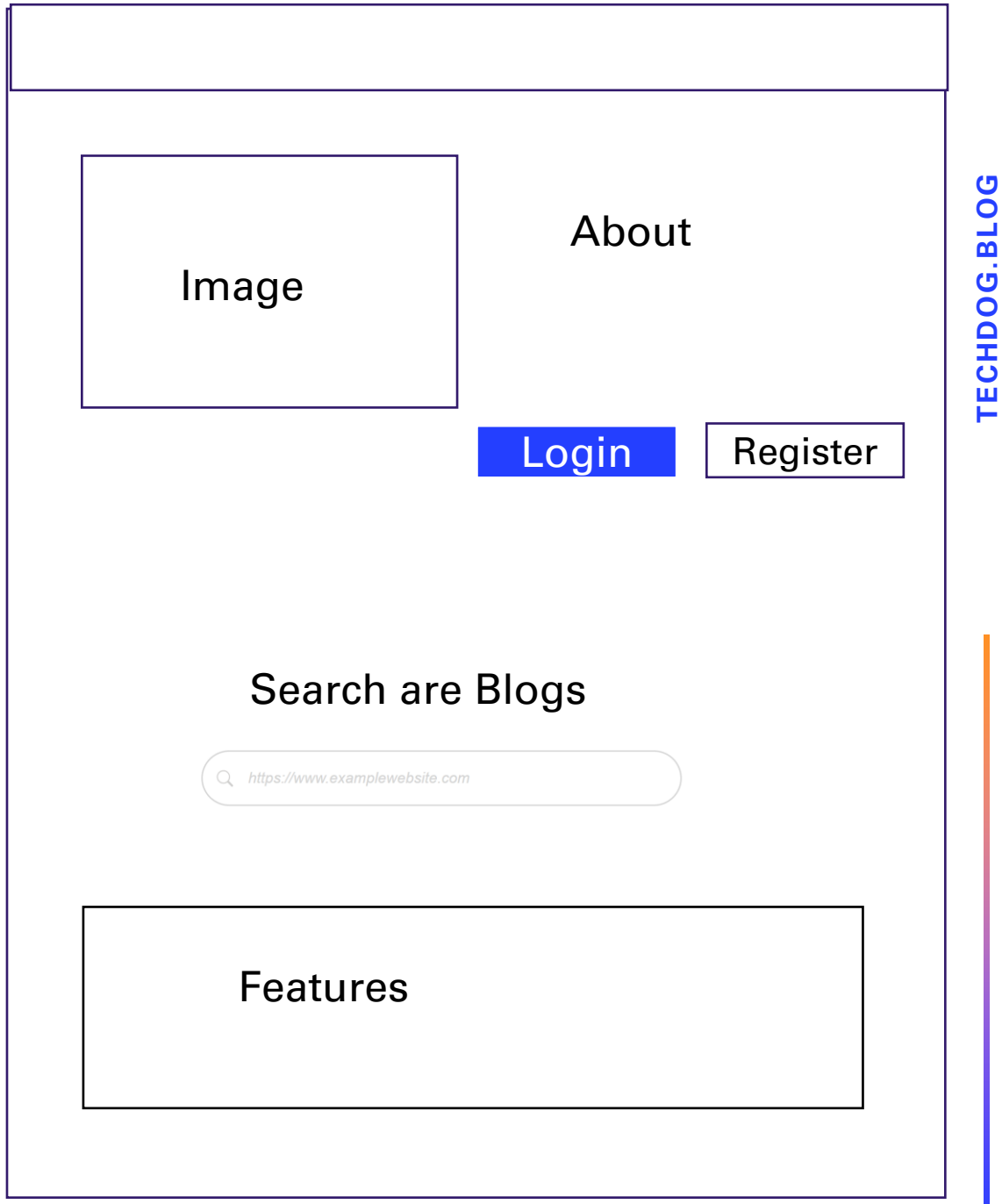
Pages

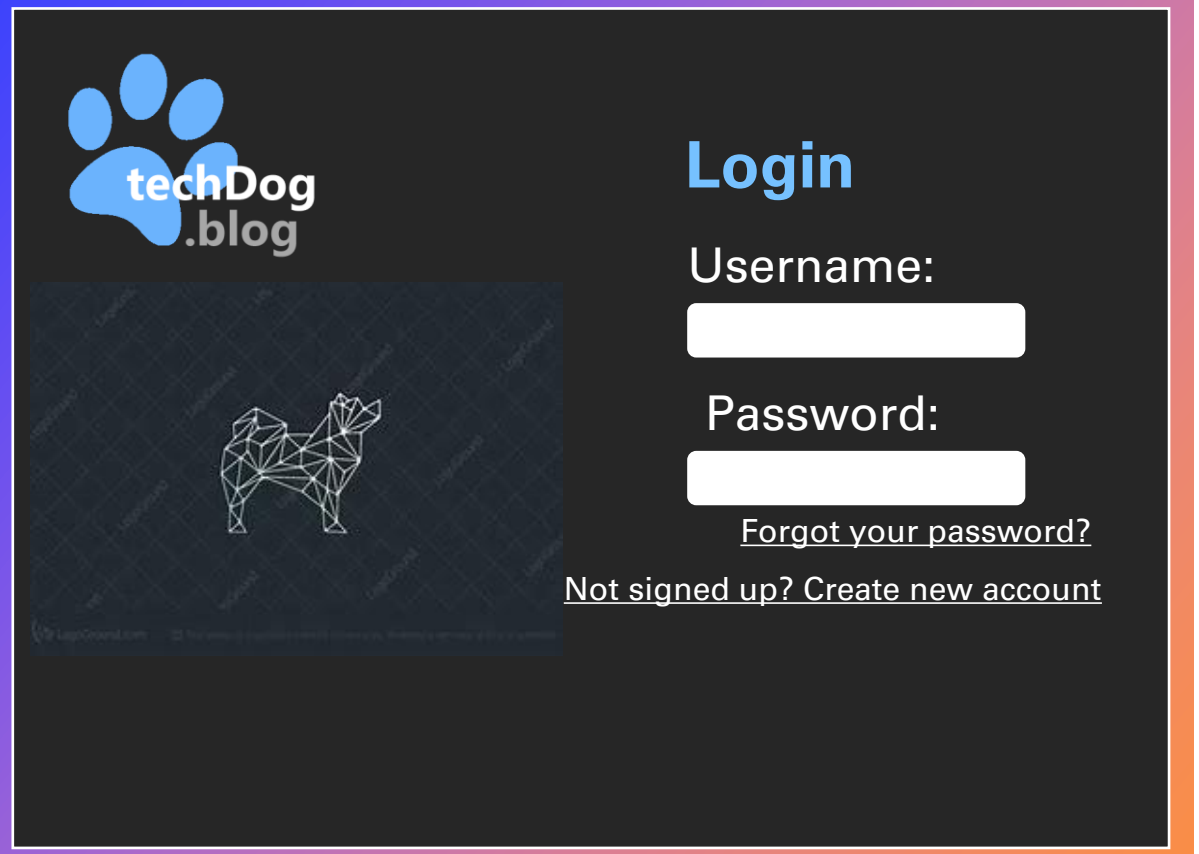
App Pages

- Login Page.
- Registration Page.
- View Blogs Page
- Create Blogs Page
- Edit Blocks

HomePage

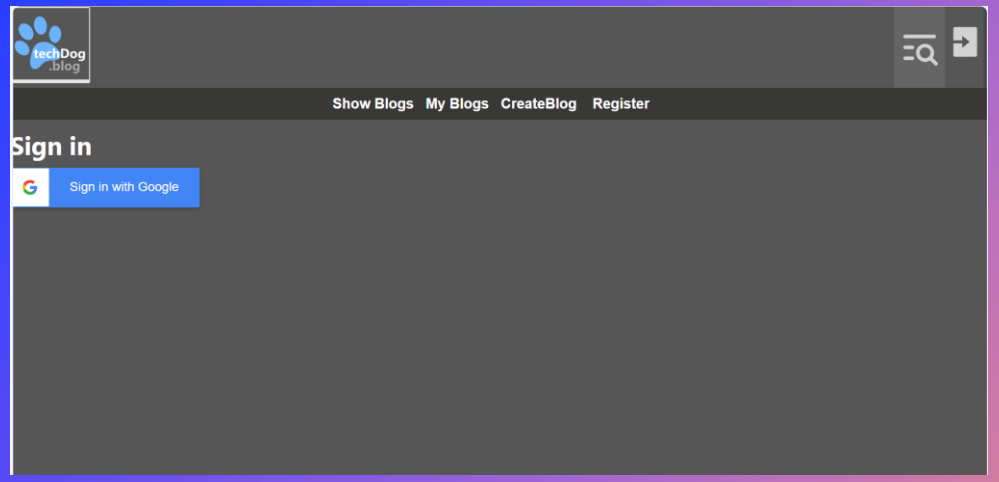
- Log in and register
- Information about tech dog

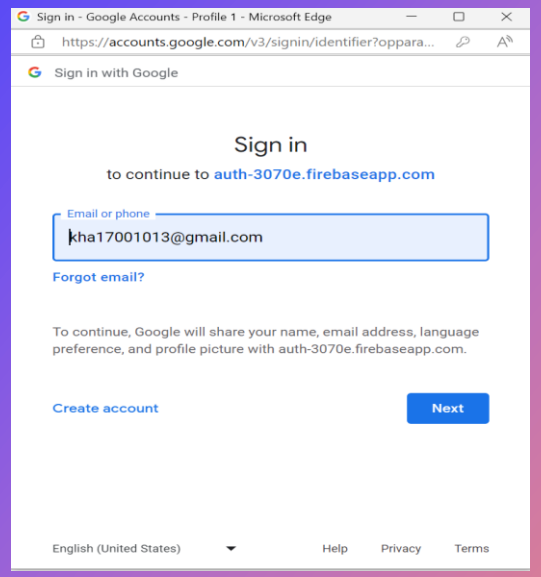


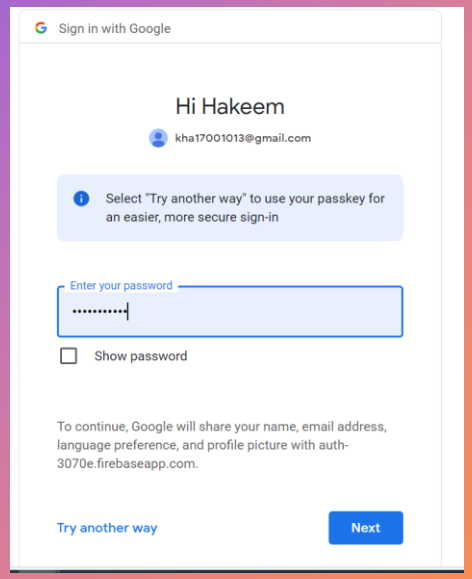


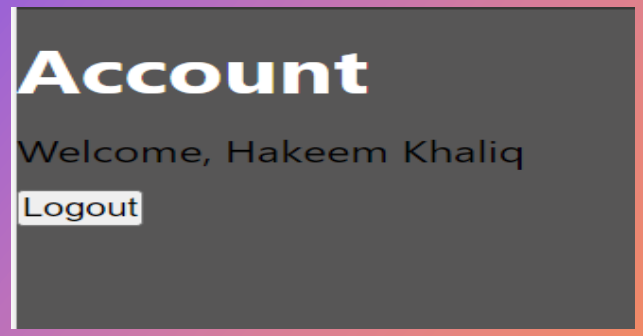
Login Page

The initial aim was to make this the login page, but we decided to choose Google Auth methodology as it has enhanced security features such as strong password validation enabling users to efficiently sign in to the application as creating a login form would have been time consuming to complete.









Google Auth

The Google Auth verification method enables users to sign in to the blog application using their Google Accounts and the validation and authentication is handled by the Google Auth method. As the user logs in to the system then their username associated with their Google Account is then shown to welcome them to the application.

techDog
.blog

Welcome

Register

UserName

Avitar

About Me

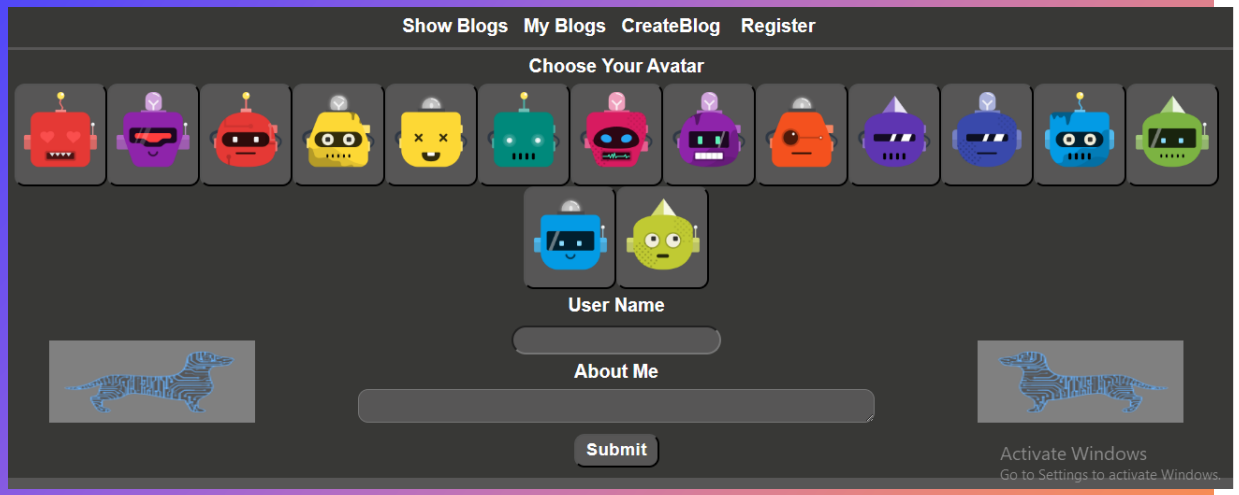
Phone number
Create Username
Create Password

Retype Password

Dropdown menu for gender

Registration Page

Having logged in we will have a registration page so users can enter site usernames and some info about themselves that will be stored along with information from Google Auth. We had looked to consider passwords etc here but decided that using Google Auth to deal with security data was the best way forward.



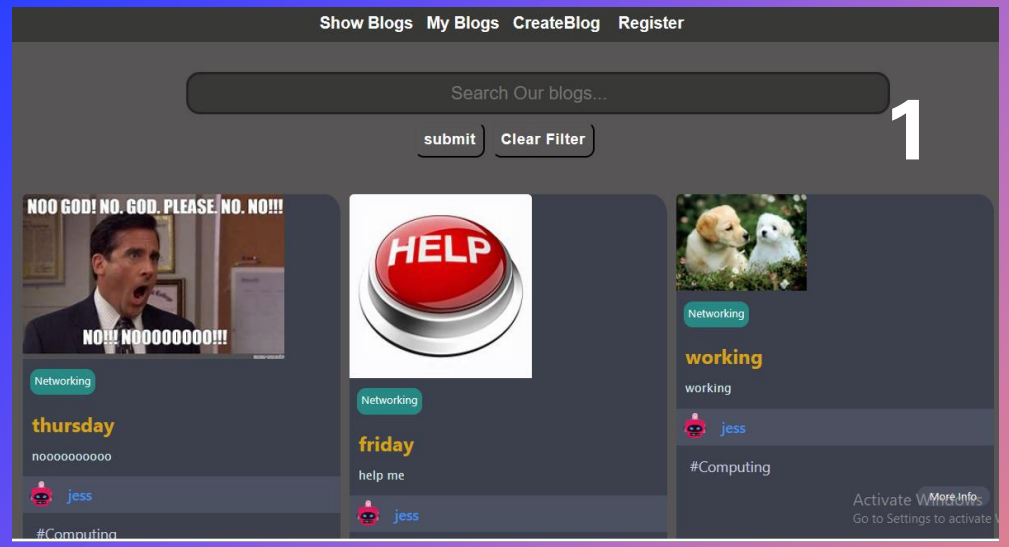
Registration

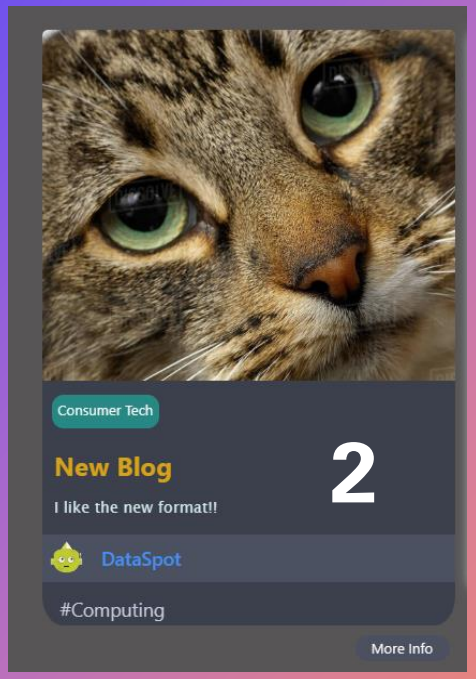
This page allows users to create an account to view other people's blogs.

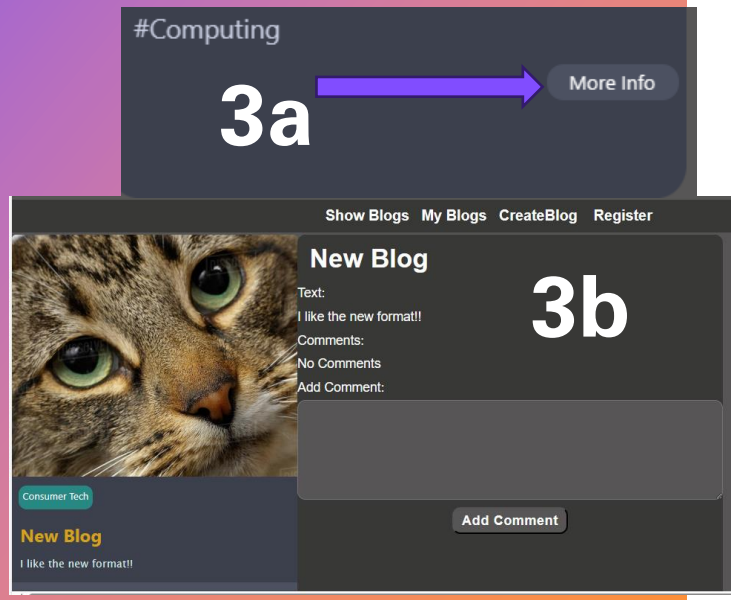
1. Select an avatar as your profile image
2. Create a username
3. Write a short summary about yourself in the about me

General Feed Page

- A page to show all the posts created by users
- You can react to posts and add comments







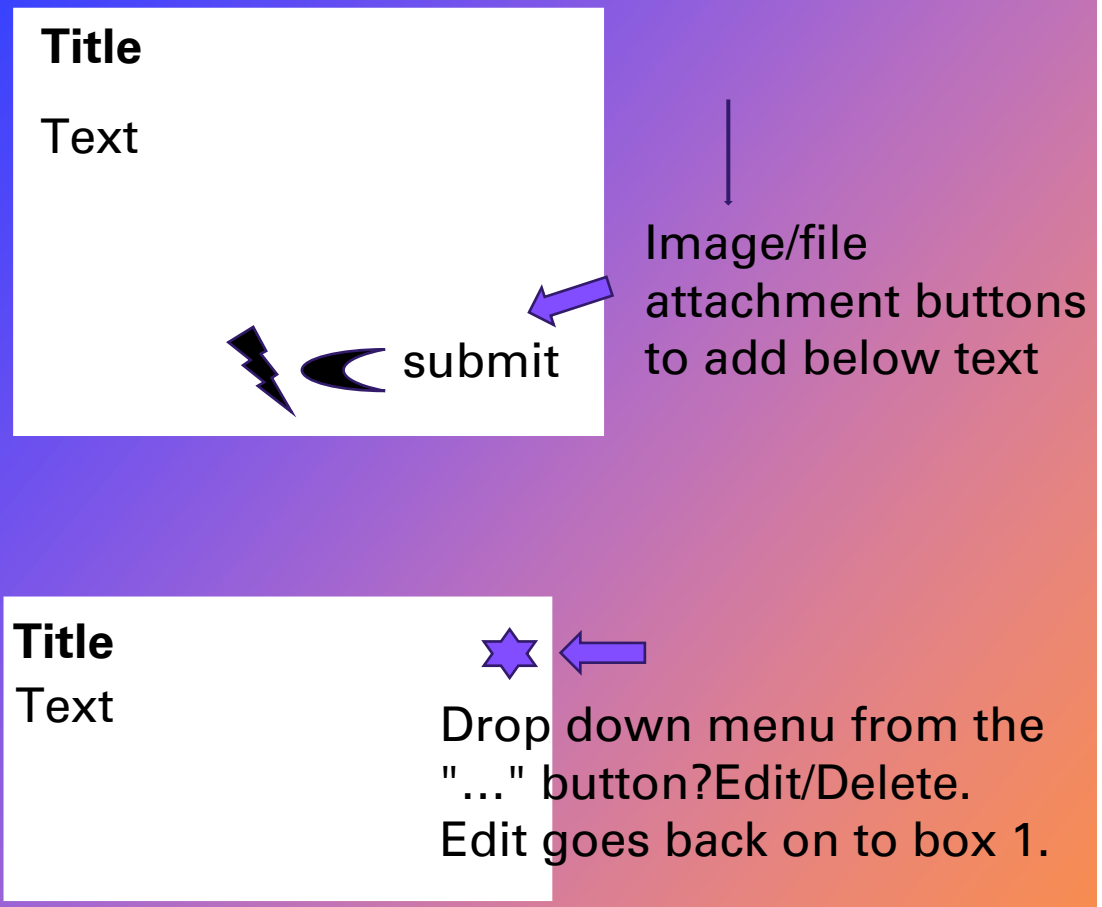
Show all blogs

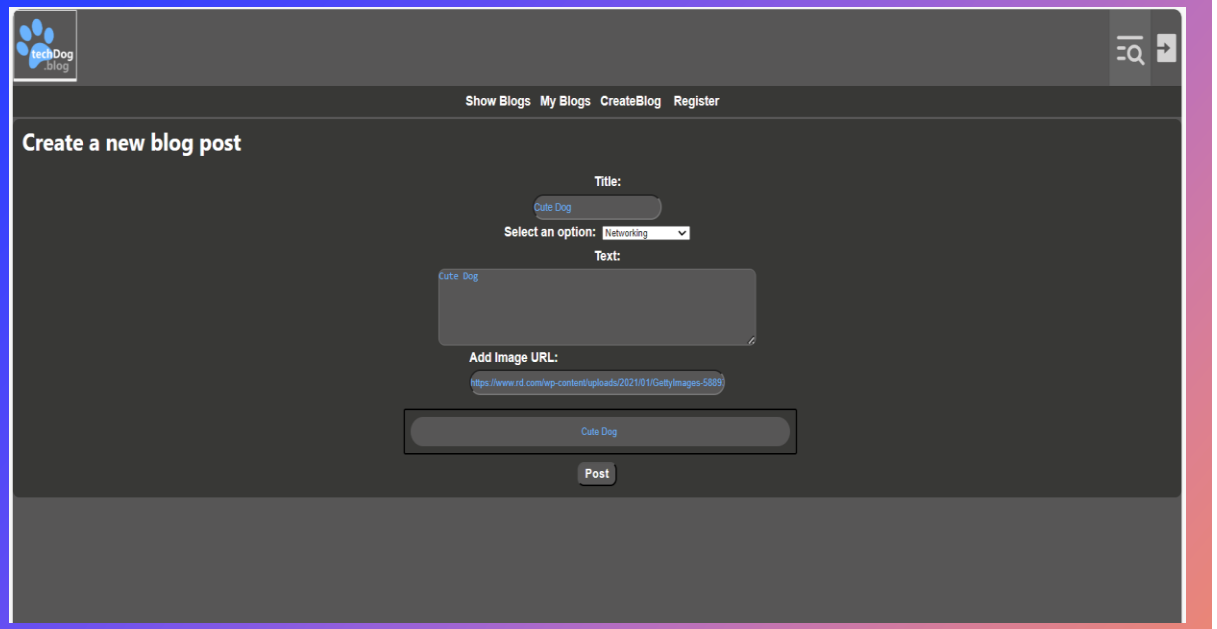
1. It allows us to view all the blogs created by every user on the site.
2. We have an issue in terms of keeping the cards identical size and keeping the more info button within the card.
3. The more info button allows us to enter a new page to view comments and to add your own comment.

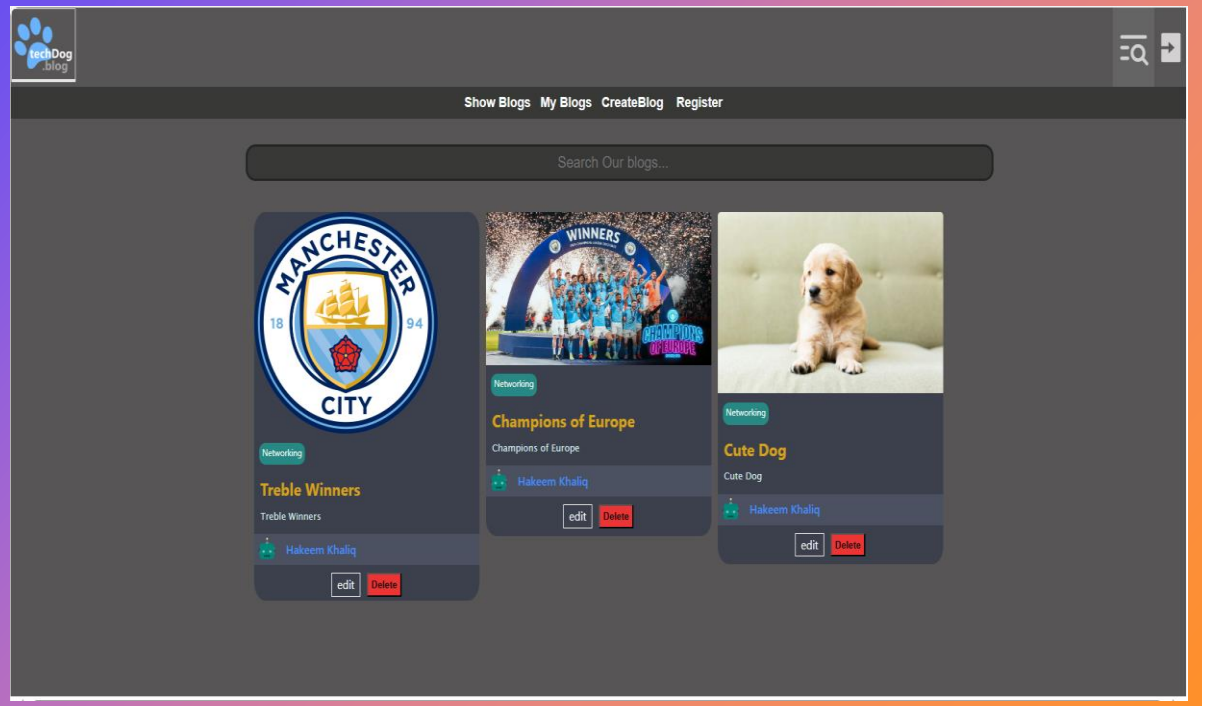
We also created a search bar to allow users to search up specific titles. In the future, we would like to add a search bar to find specific users blogs.

Create Blogs Page

These where our initial thoughts on how the Create Blog would page would look.







CreateBlog

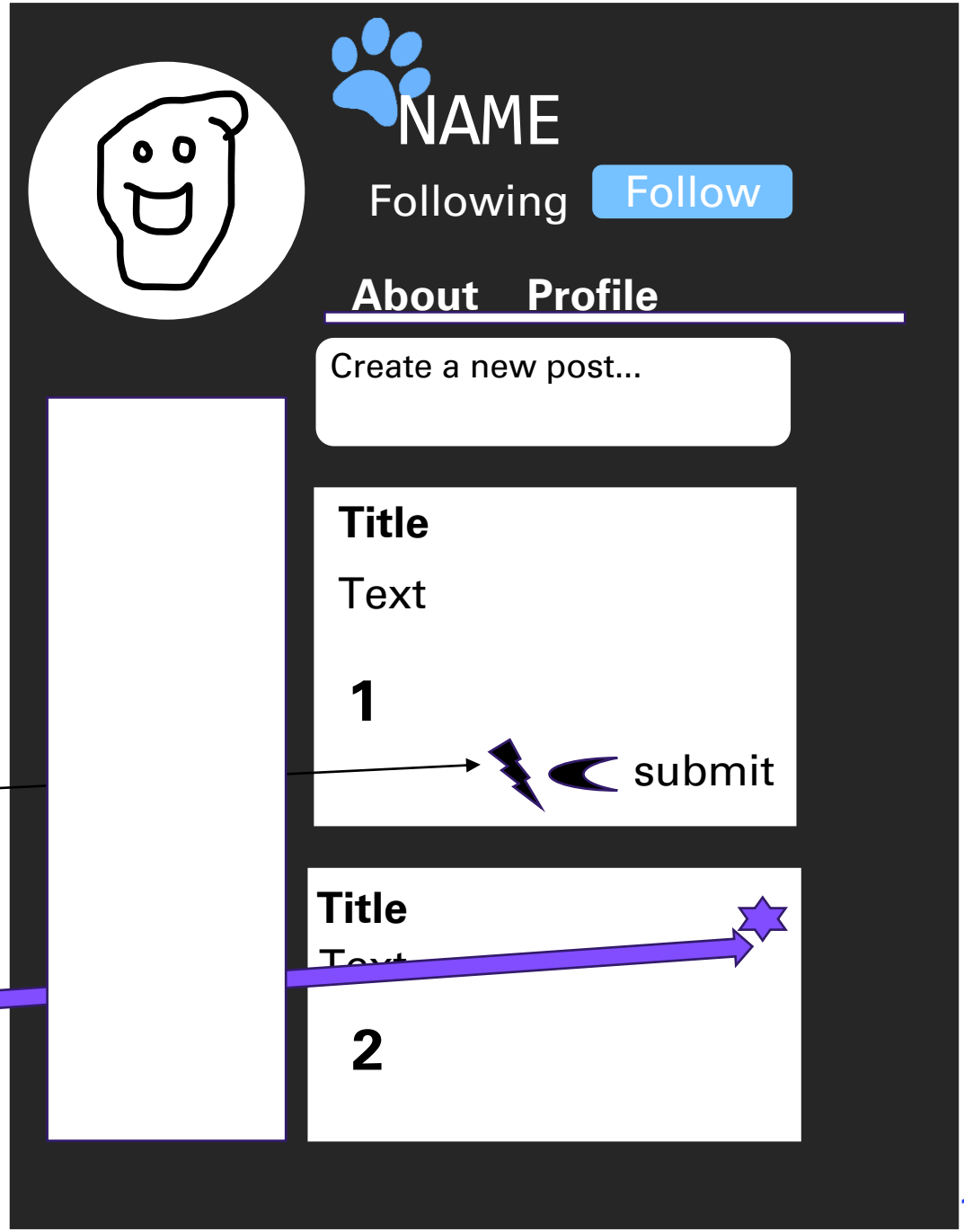
This is an example of how a blog is created so the title, text, image url and tags are inserted into the relevant fields and then a new blog would then be added. As you can seen from the second image below the blog is then shown in the My Blogs section and will also be shown in All Blogs section

Personal Page

- Basic info
- Create Posts
- Add images, attachments etc
- Edit posts
- Show all posts created by user
- Choose your avatar

Image/file attachment buttons to add below text

Drop down menu from the "..." button?Edit/Delete. Edit goes back on to box 1.

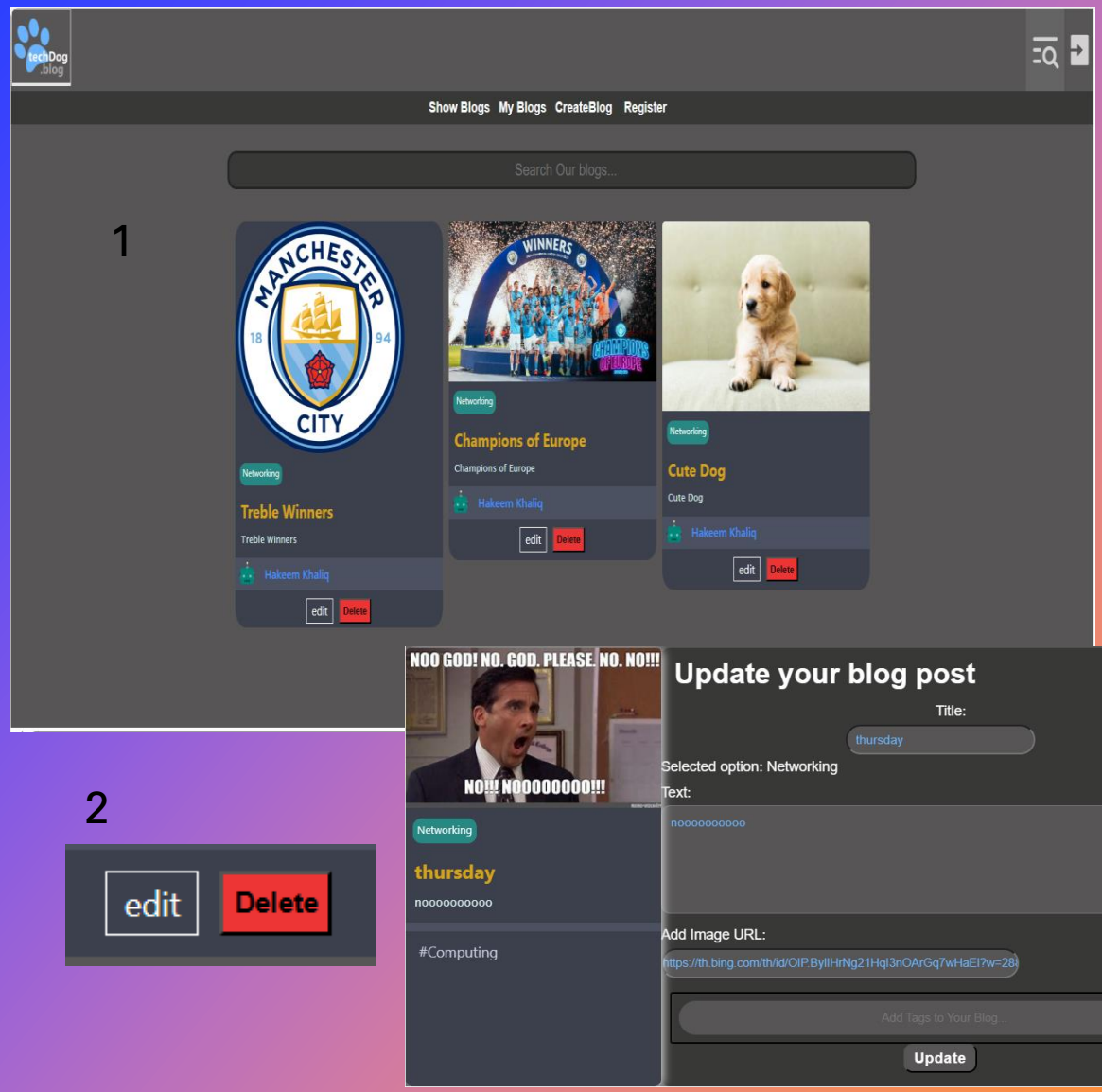


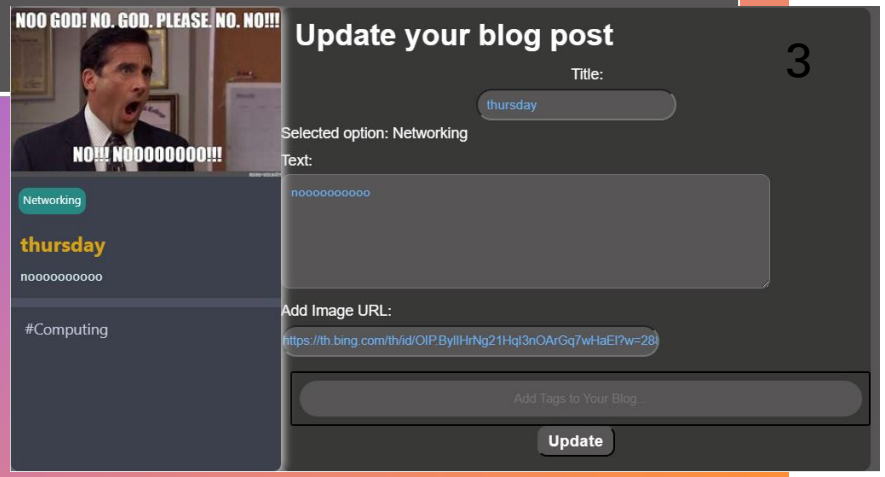
Users

This page allows us to see all the users about me summaries.

In the future we would like to add an individual's profile page with all the blogs they have created.

My Blogs Page





1. The My Blogs Page only enables users to see blogs that they have created themselves.
2. The buttons allow you to edit or delete the blog you have created.
3. This page allows you to change the title, text or image of the blog you have posted.

THANK YOU