

29/09/23

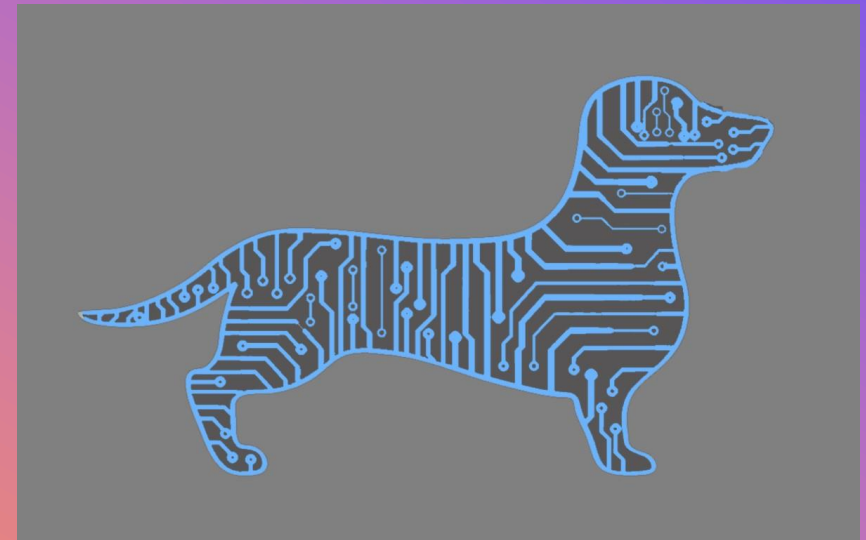
TECHDOG.BLOG



# TECHDOG. BLOG

Created by: Steve, Stefan, Hakeem, Jess

Database  
Site Design

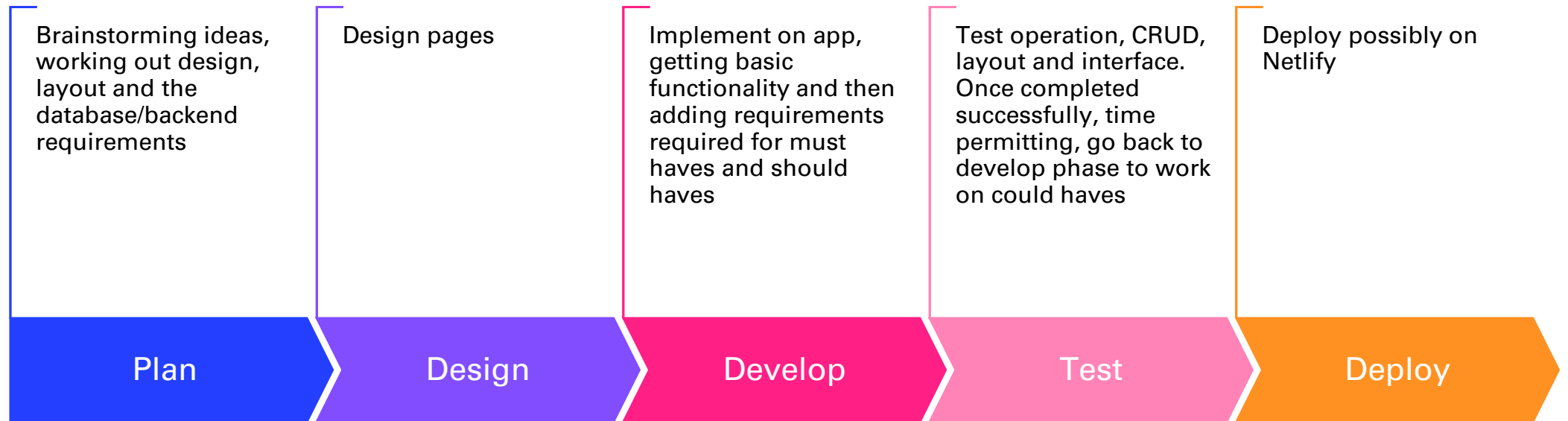


# Introduction

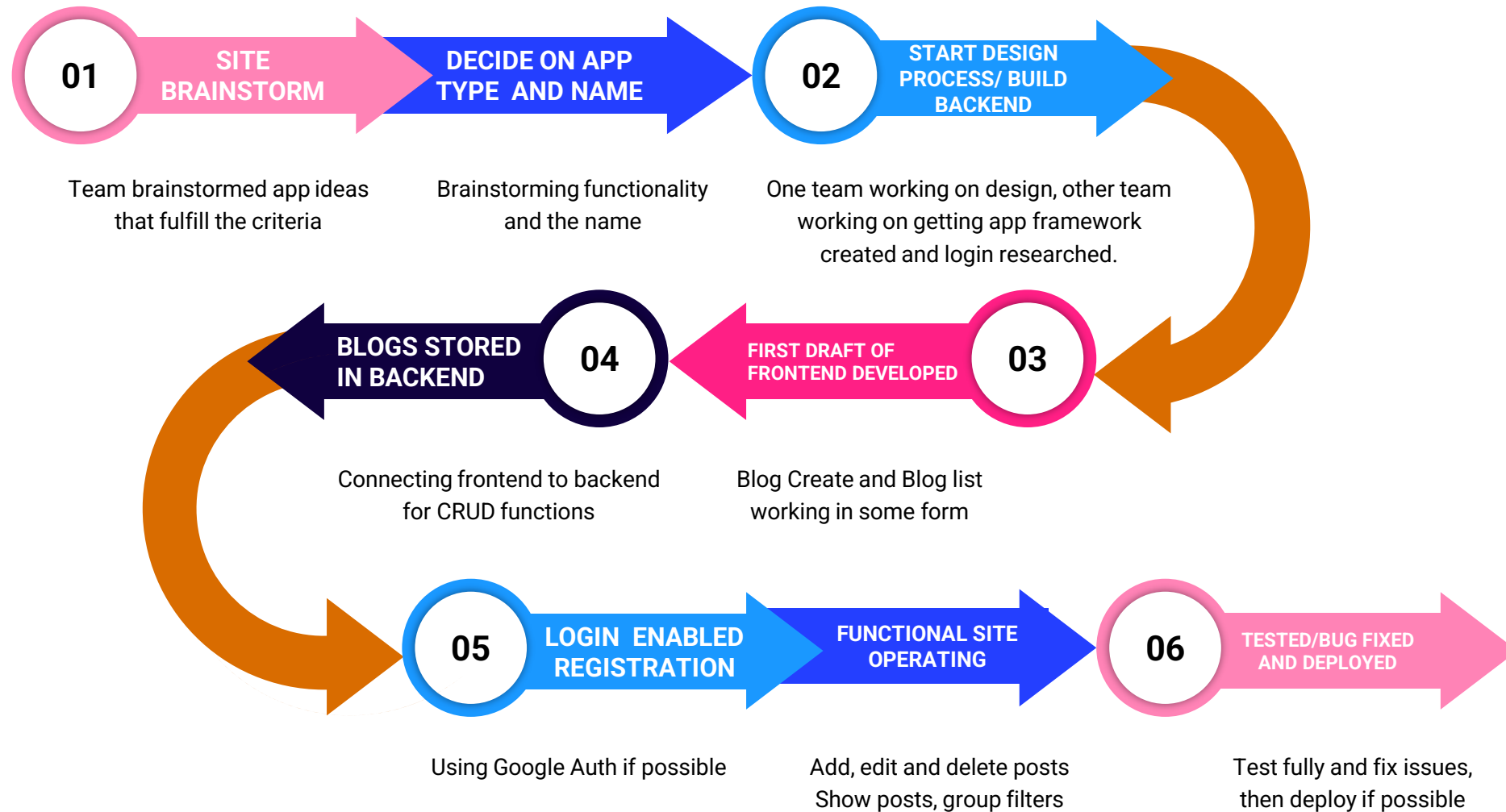
After a brainstorming session we decided a blogging platform would be a good example of a full stack app. It requires a database to store, retrieve, edit and delete blogs (so fulfilling the CRUD requirement). It also requires user logon and registration, with details stored in another database. The display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



# Timeline



# 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	Bootcam p Blog	I made a new app	WebDesign	urlhere			

## Groups

Networking

Software Dev

Cloud Engineering

IT Support

Web Design

Consumer Tech

# DESIGNING THE SITE





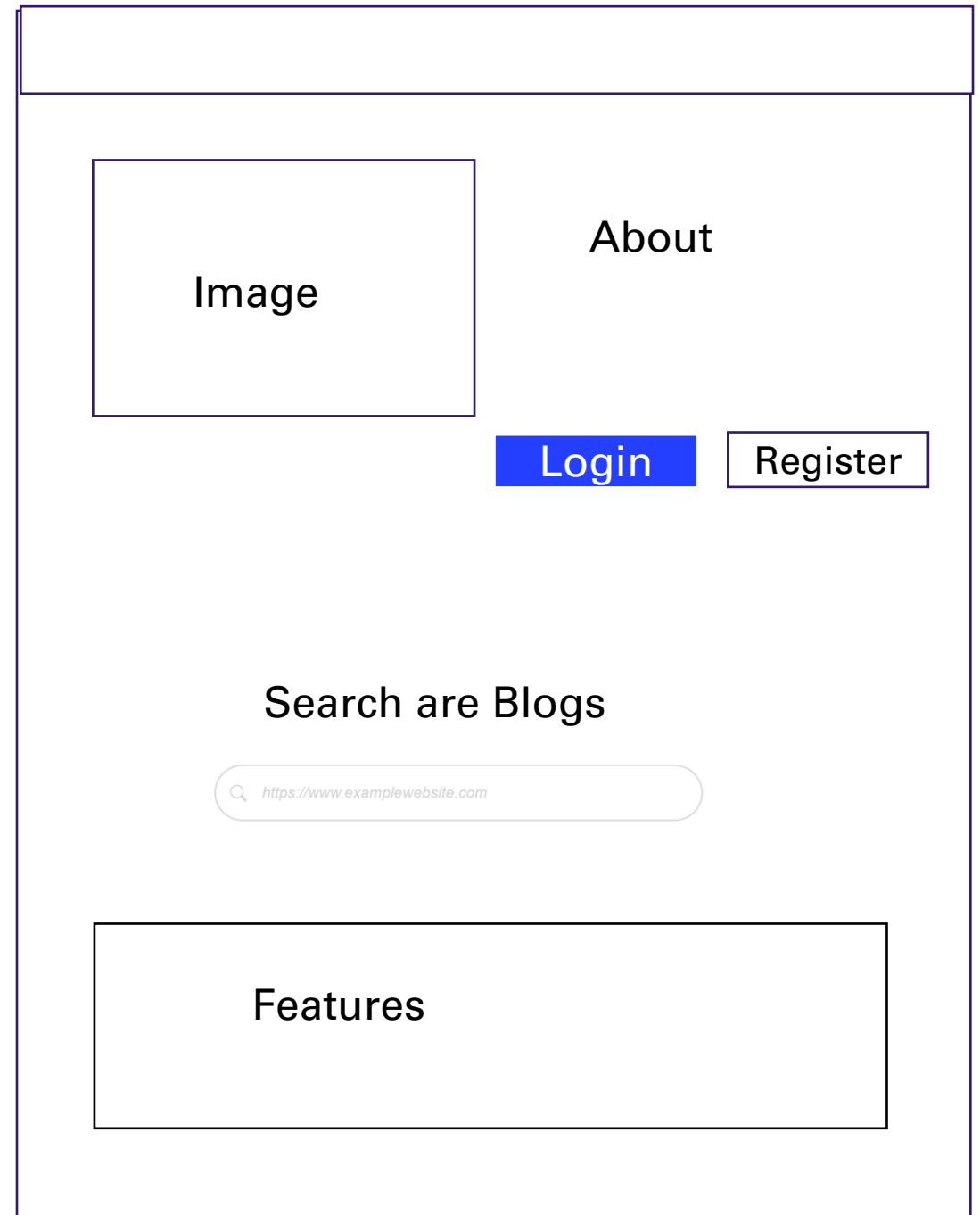
# Pages

## **App Pages**

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

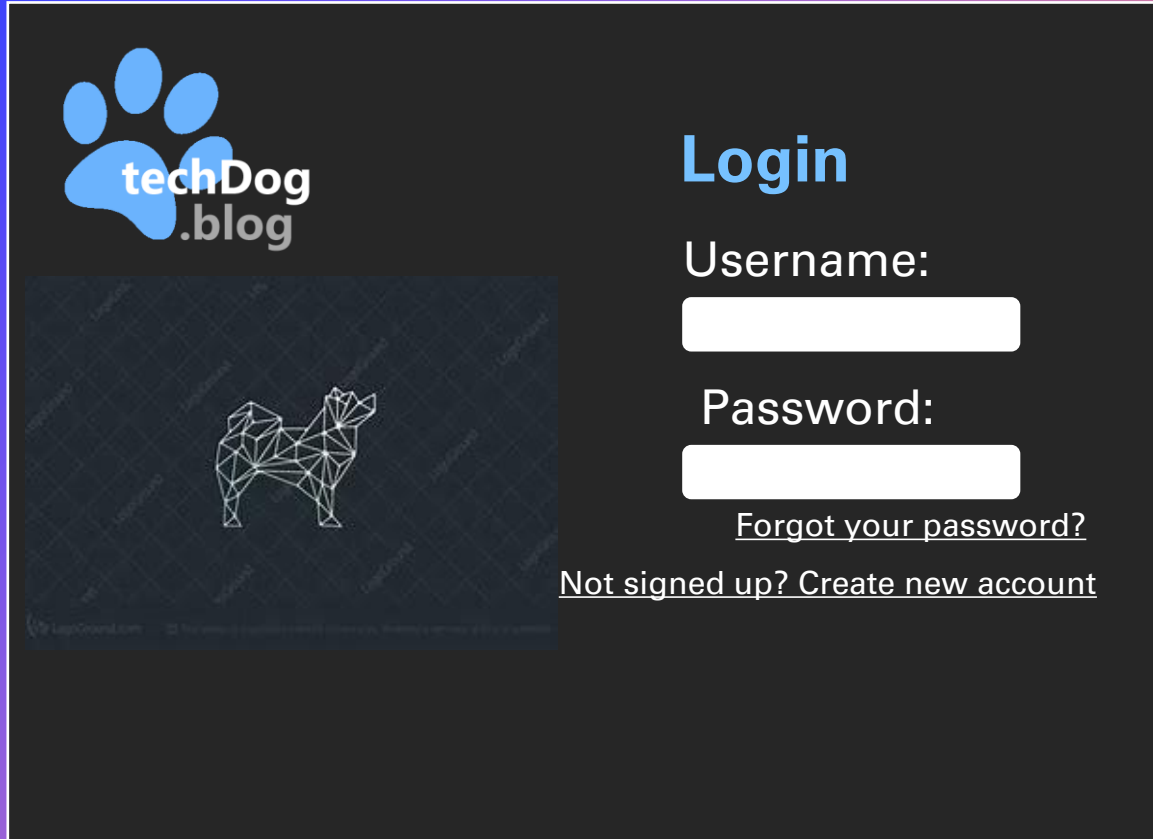
# HomePage

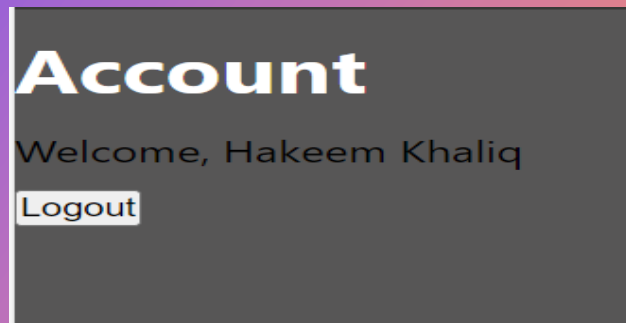
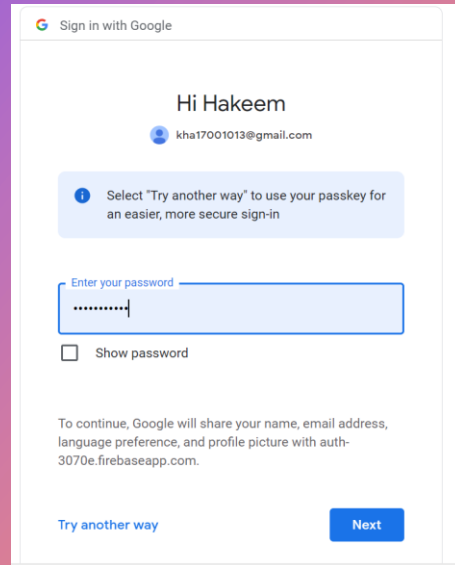
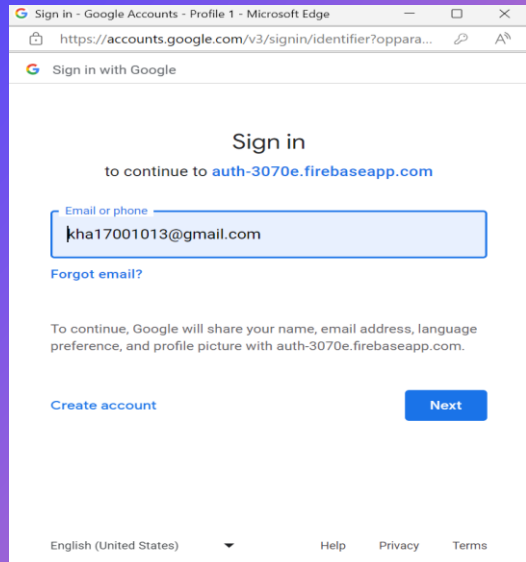
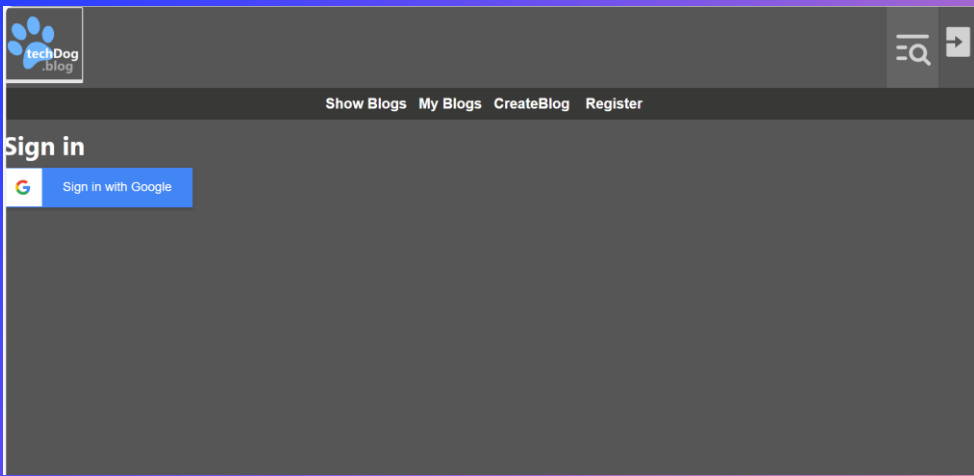
- Log in and register
- Information about tech dog



# 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.



Welcome

## Register

UserName

Avatar

About Me

Phone number

Create Username

Create Password

Retype Password

Dropdown menu for gender

# Registration Page

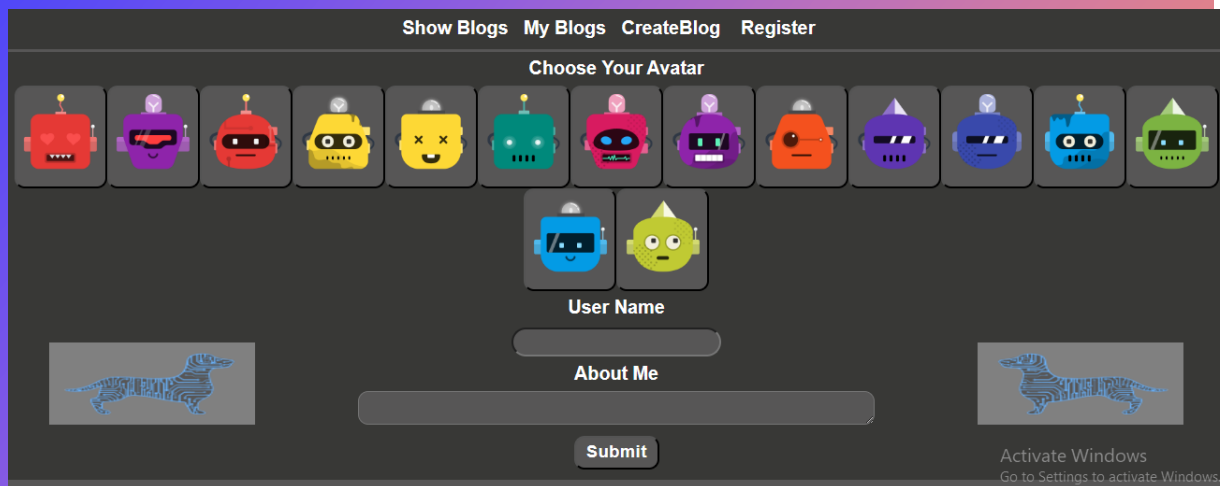
Having logged in we will have a registration page so users can enter site usernames and some info about themselves that will be stored along with information from Google Auth. We had looked to consider passwords etc here but decided that using Google Auth to deal with security data was the best way forward.



# 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



The registration form is displayed on a dark background. At the top, there are navigation links: "Show Blogs", "My Blogs", "CreateBlog", and "Register". Below these is a section titled "Choose Your Avatar" with a row of 13 different robot avatars in various colors and styles. Two avatars, a blue one and a green one, are highlighted with a larger preview box below them. Below the avatar selection, there is a "User Name" label and a text input field. Below the username field is an "About Me" label and a larger text area. A "Submit" button is located at the bottom center. On the left and right sides of the "About Me" text area, there are placeholder images of a dachshund. At the bottom right, there is a small "Activate Windows" watermark with the text "Go to Settings to activate Windows."



General Feed [Login/sign up](#)

search

Communities  
Following  
etc

Comments/ reactions

# General Feed Page

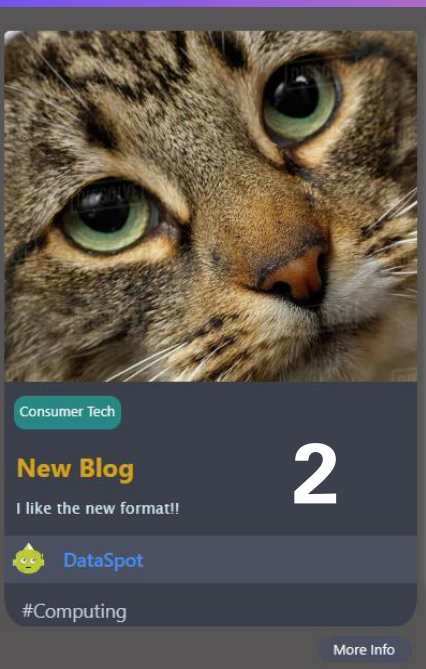
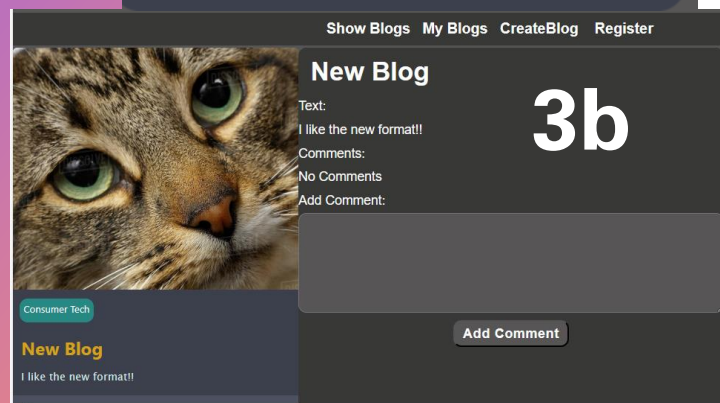
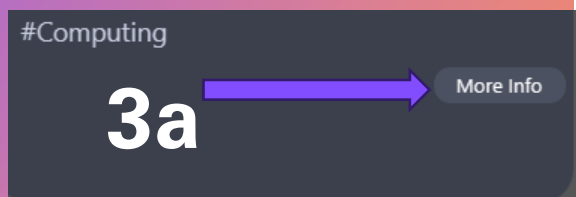
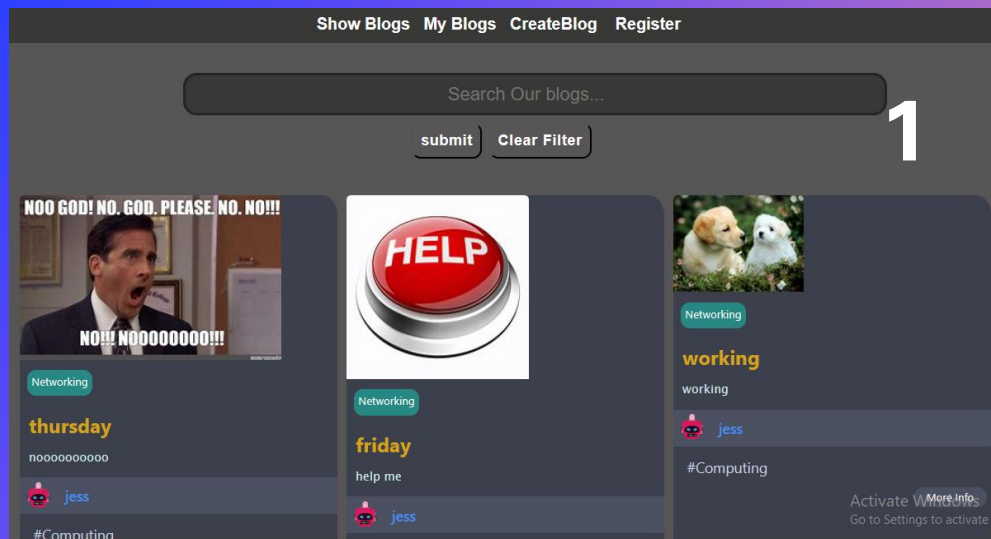
- A page to show all the posts created by users
- You can react to posts and add comments



# 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 were our initial thoughts on how the Create Blog would page would look.

The diagram shows a white rectangular form with the following elements:

- Title**: A label at the top left of the form.
- Text**: A label below the Title label.
- Image/file attachment buttons**: A vertical line with a downward arrow pointing to the right side of the form.
- submit**: A button with a lightning bolt icon and a curved arrow icon, located at the bottom left of the form.

A purple arrow points from the text "Image/file attachment buttons to add below text" to the right side of the form.

The diagram shows a white rectangular form with the following elements:

- Title**: A label at the top left of the form.
- Text**: A label below the Title label.
- Drop down menu**: A star icon with a purple arrow pointing to it from the right.
- "..." button**: A small button with three dots, located to the right of the star icon.

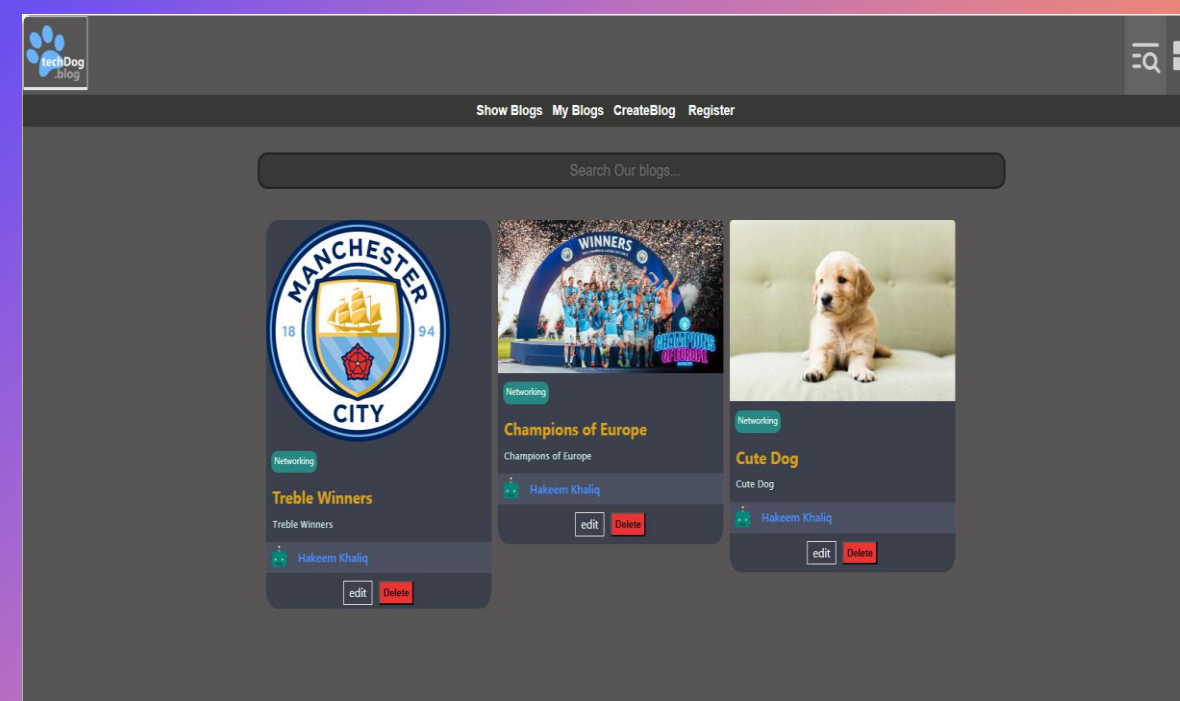
Text to the right of the form reads: "Drop down menu from the '...' button? Edit/Delete. Edit goes back on to box 1."

# 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

The screenshot shows the 'Create a new blog post' form in the TechDog blog application. The form is set against a dark background. At the top, there is a navigation bar with links: 'Show Blogs', 'My Blogs', 'CreateBlog', and 'Register'. The form fields are as follows:

- Title:** A text input field containing 'Cute Dog'.
- Select an option:** A dropdown menu with 'Networking' selected.
- Text:** A large text area containing 'Cute Dog'.
- Add Image URL:** A text input field containing the URL 'https://www.rd.com/wp-content/uploads/2021/01/GettyImages-5889'.
- Post:** A button at the bottom of the form.



# 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

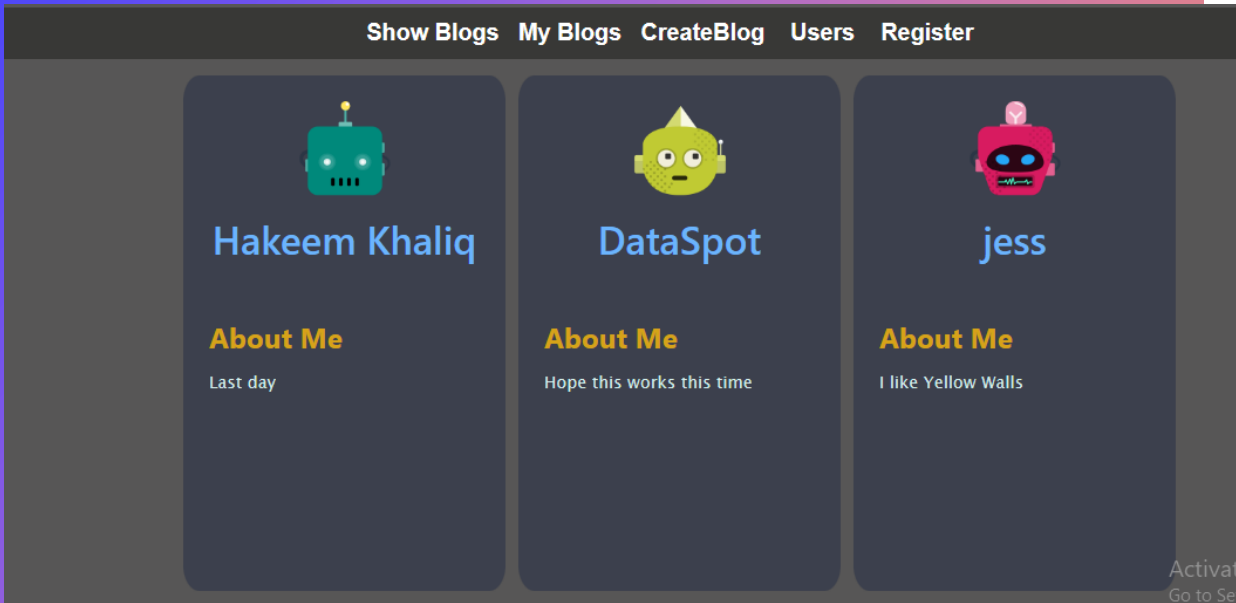
Drop down menu from the  
"..." button? Edit/Delete.  
Edit goes back on to box 1.

The mockup shows a dark-themed user profile interface. At the top left is a circular avatar placeholder containing a simple line drawing of a smiling face. To its right, a blue paw print icon precedes the text 'NAME'. Below this, the word 'Following' is displayed next to a blue 'Follow' button. Two tabs, 'About' and 'Profile', are visible, with 'Profile' being the active tab. Under the 'Profile' tab, there is a white box with the text 'Create a new post...'. Below this is a large white rectangular area for post content. To the right of this area are two post input forms. The first form, labeled '1', has fields for 'Title' and 'Text', followed by a lightning bolt icon and a 'submit' button. The second form, labeled '2', also has 'Title' and 'Text' fields and ends with a star icon. A blue arrow points from the 'Image/file attachment buttons' text to the lightning bolt icon in the first post form. Another blue arrow points from the 'Drop down menu from the "..." button? Edit/Delete. Edit goes back on to box 1.' text to the star icon in the second post form.

# Users

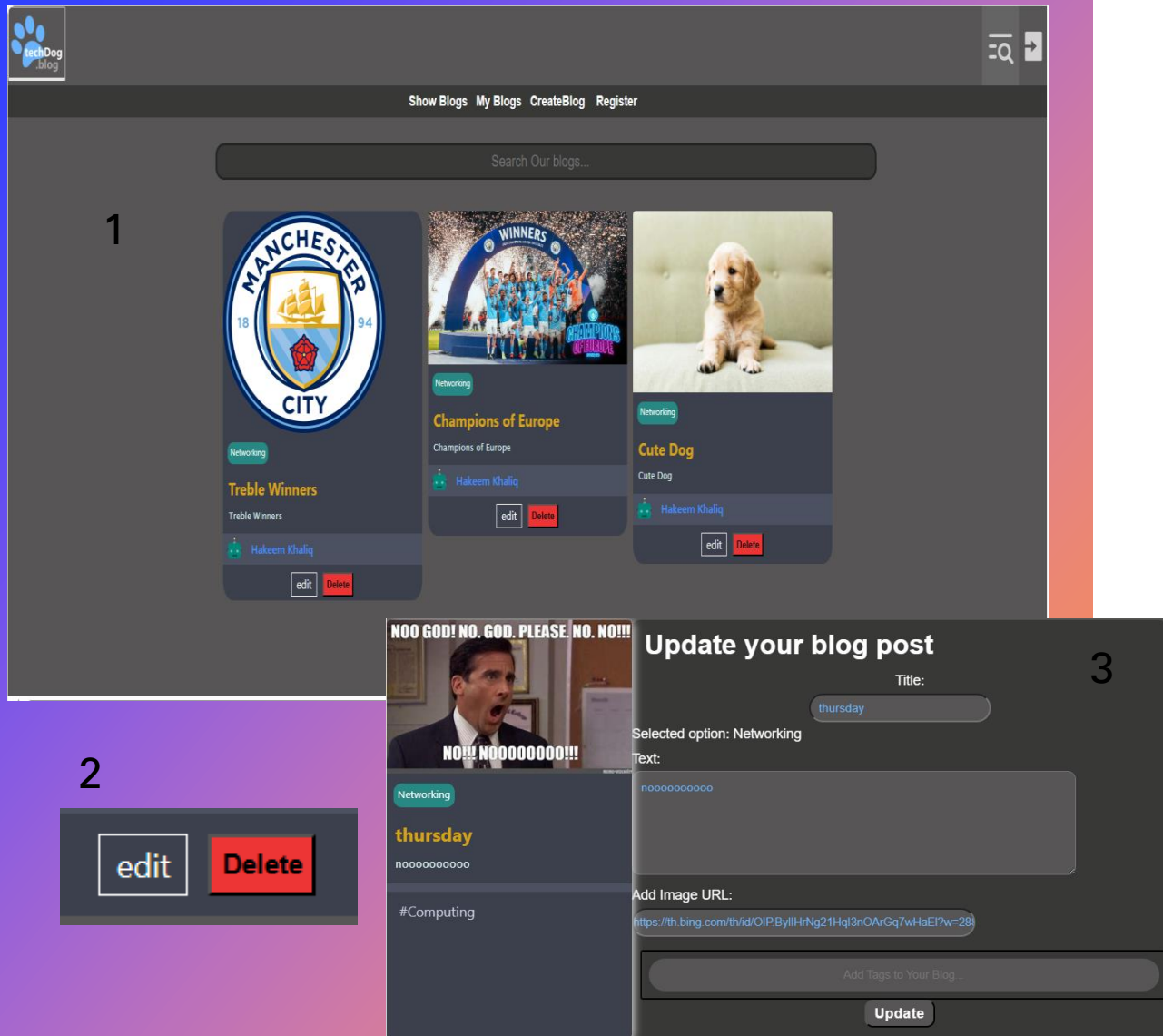
This page allows us to see all the users about me summaries.

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.



+

o

.

# THANK YOU

