

29/09/23

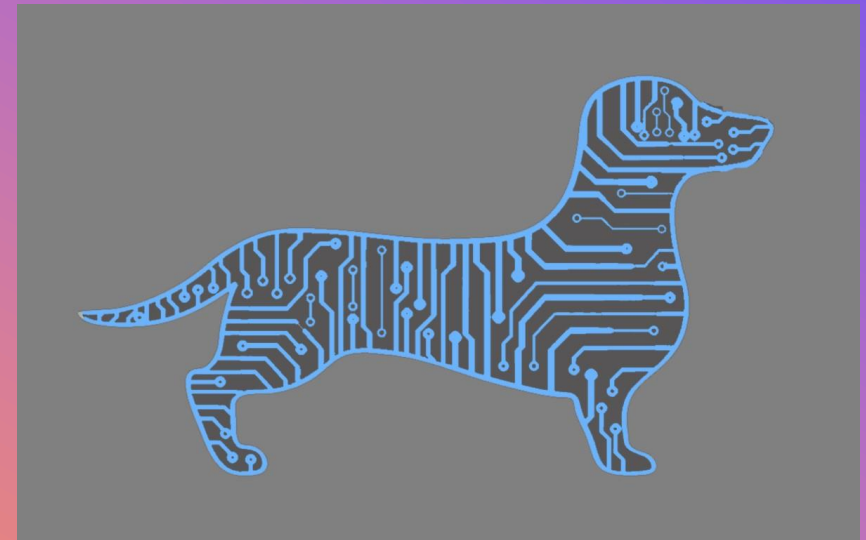
TECHDOG.BLOG



TECHDOG. BLOG

Created by: Steve, Stefan, Hakeem, Jess

Database
Site Design

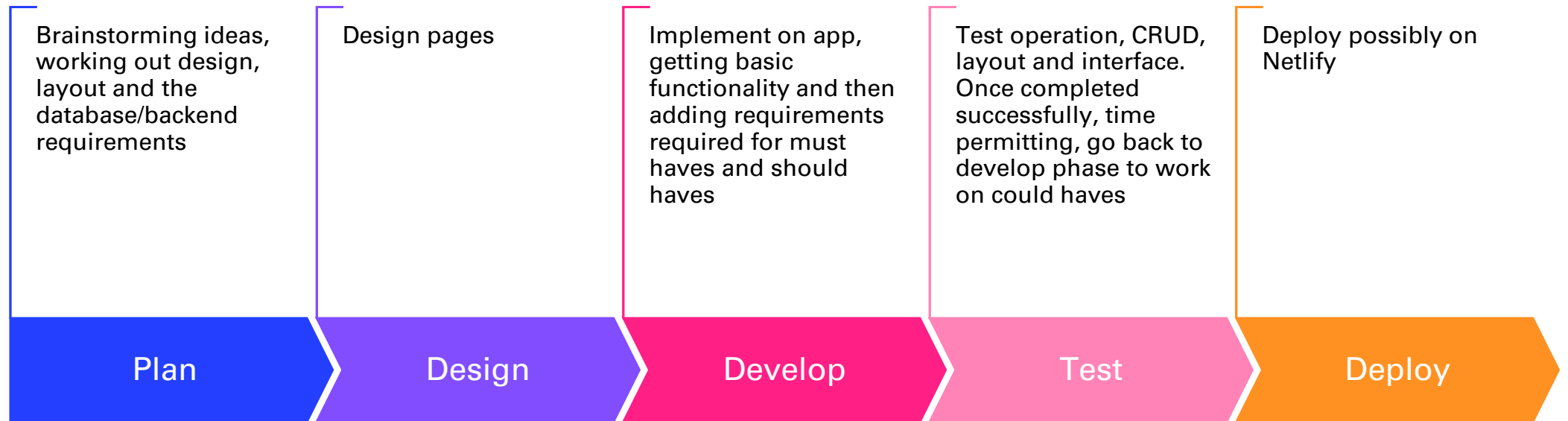


Introduction

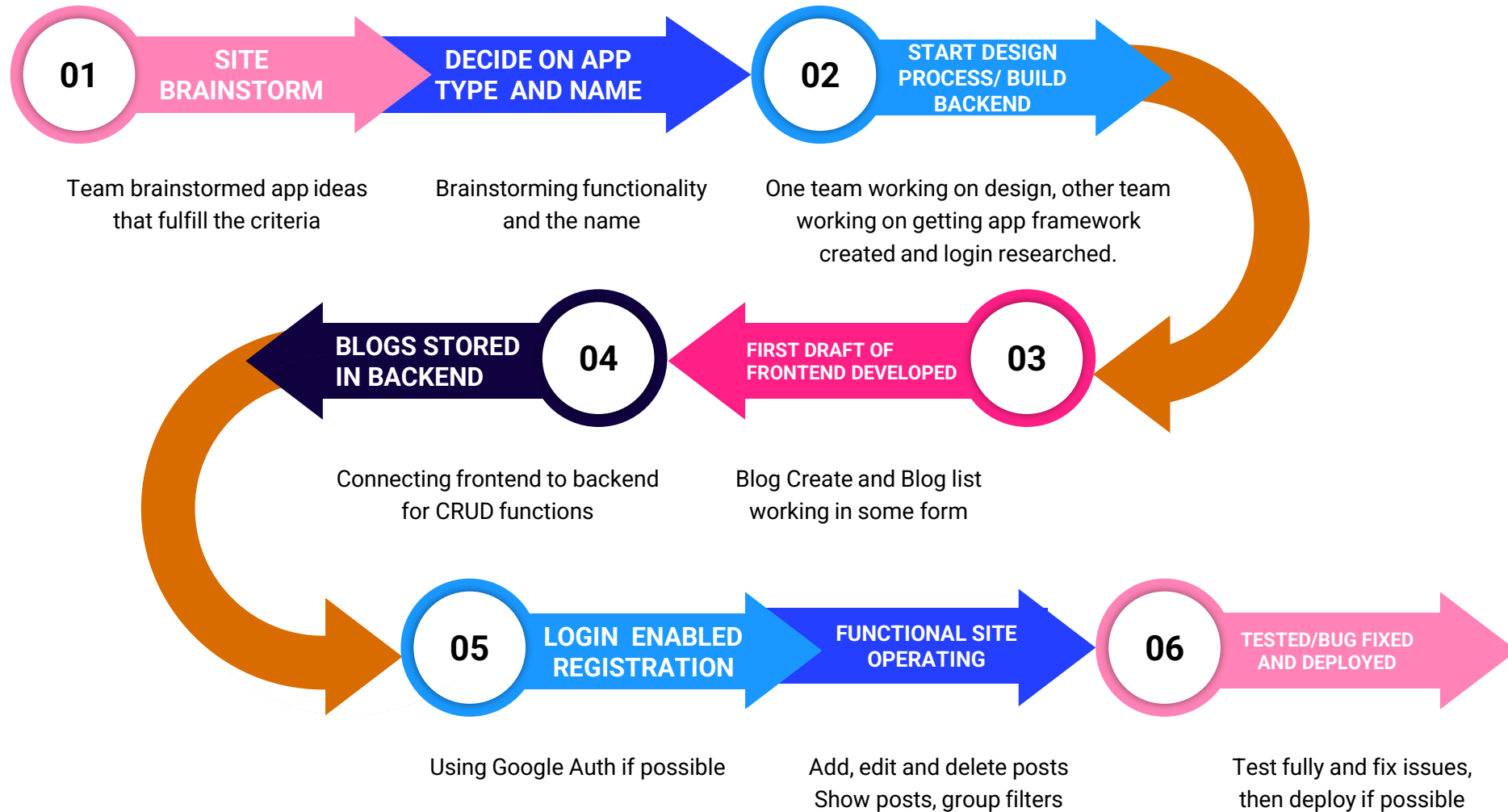
After a brainstorming session we decided a blogging platform would be a good example of a full stack app. It requires a database to store, retrieve, edit and delete blogs (so fulfilling the CRUD requirement). It also requires user logon and registration, with details stored in another database. The display 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

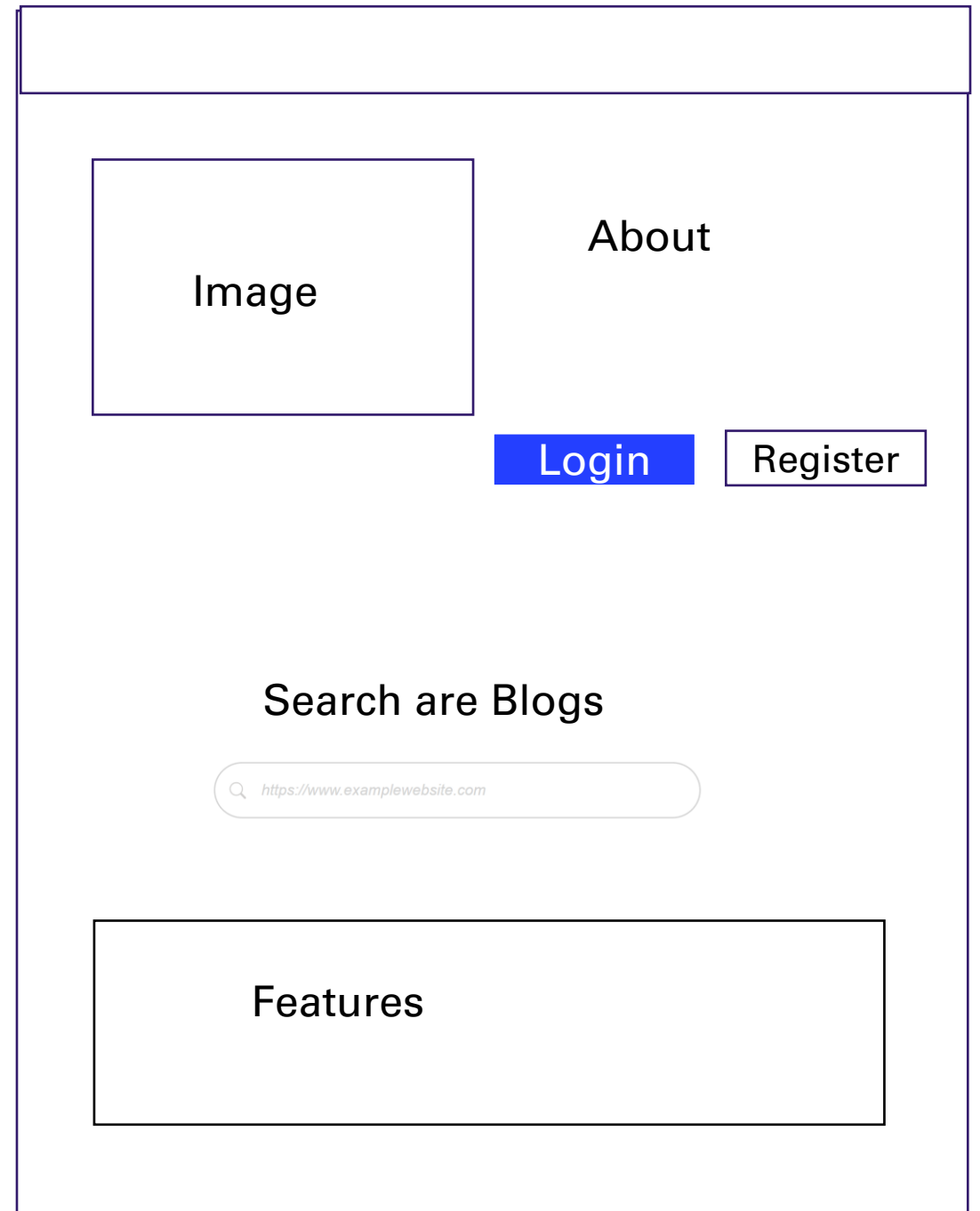
Pages

App Pages

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

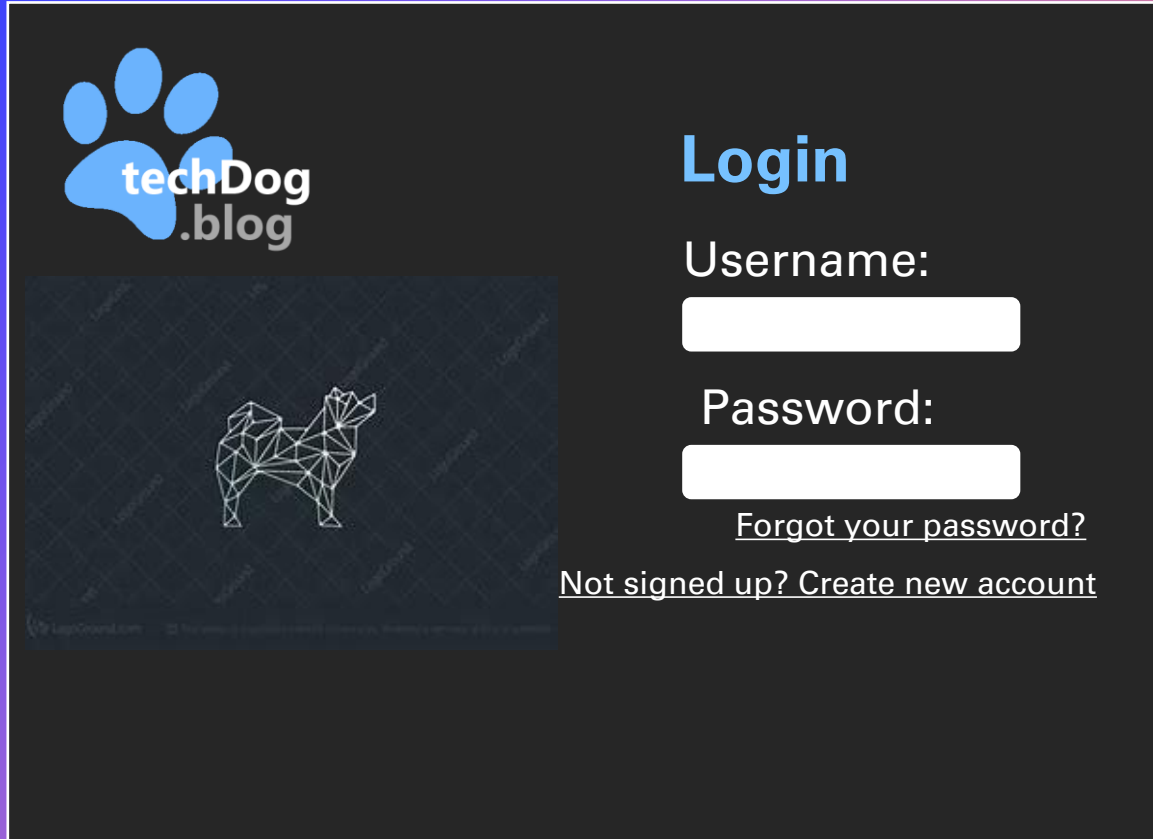
HomePage

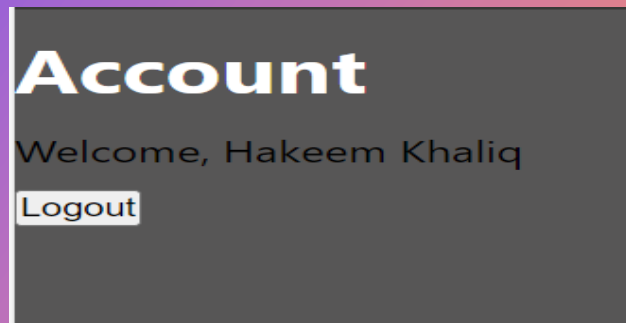
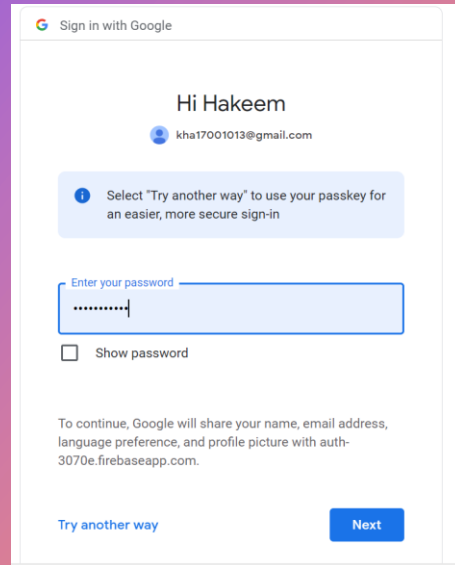
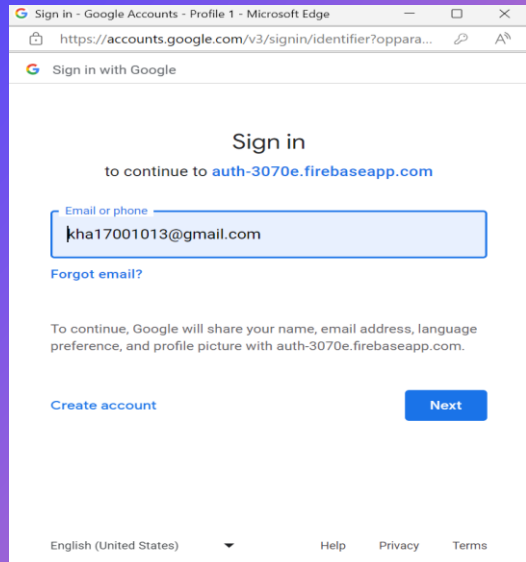
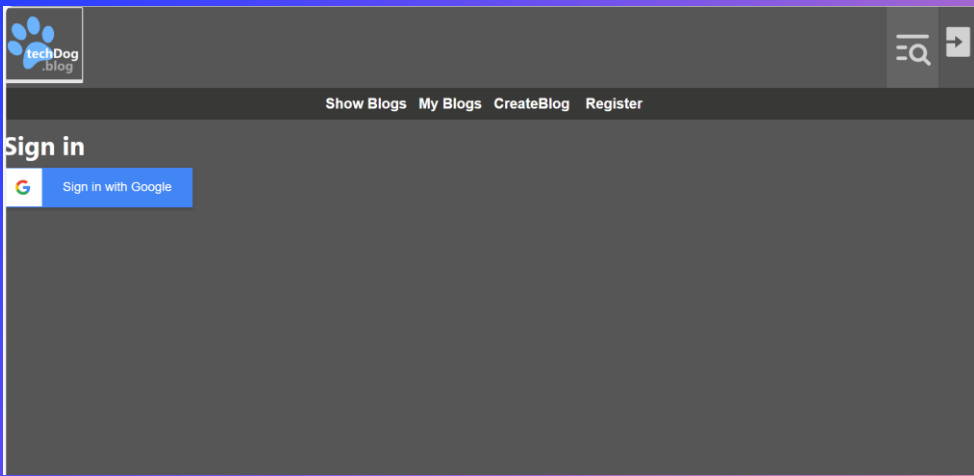
- Log in and register
- Information about tech dog



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.

Registration Page

With PowerPoint, you can create presentations and share your work with others, wherever they are.

Type the text you want here to get started. You can also add images, art, and videos on this template.

Save to OneDrive and access your presentations from your computer, tablet, or phone.



Welcome

Register

First Name

Surname

Email

Phone number

Create Username

Create Password

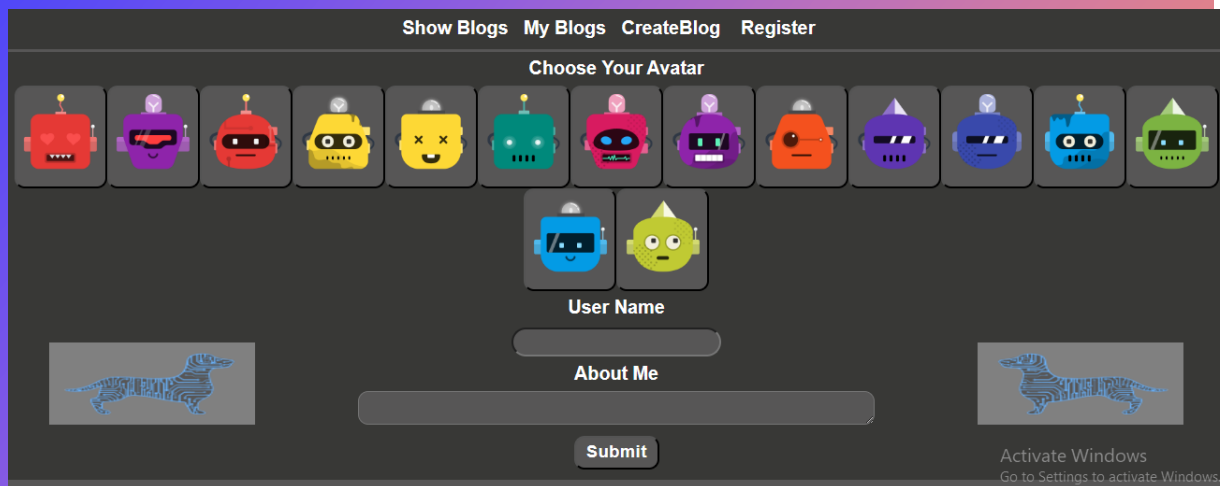
Retype Password

Dropdown menu for gender

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 designs. Two avatars, a blue one and a green one, are highlighted with a larger preview box below them. Below the avatar selection is a "User Name" input field. Below that is an "About Me" section with a text area and a "Submit" button. On the left and right sides of the "About Me" text area are placeholder images of a dachshund. At the bottom right, there is a small "Activate Windows" watermark.



General Feed [Login/s](#) [ign up](#)

search

Communities
Following
etc

Comments/ reactions

General Feed Page

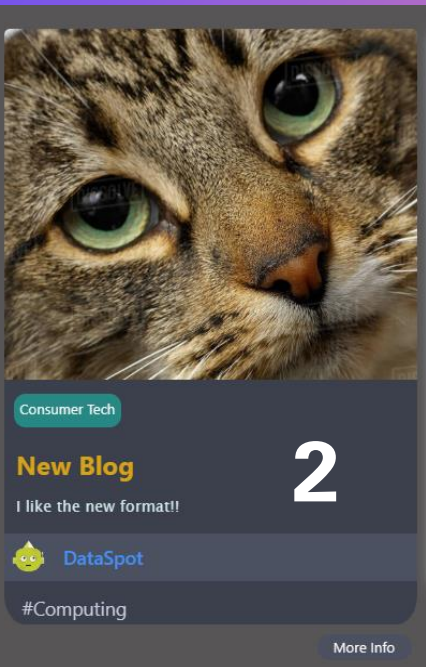
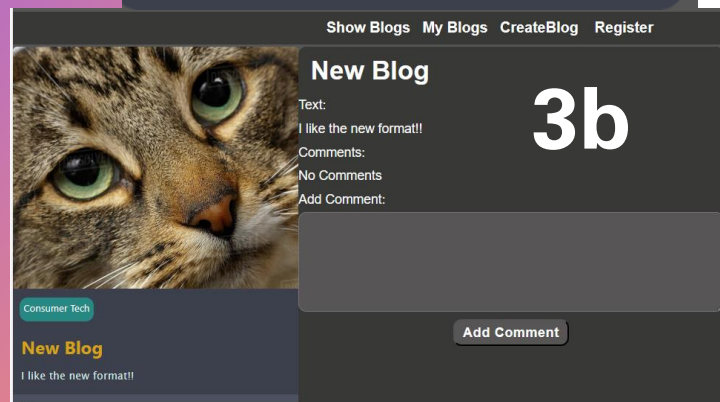
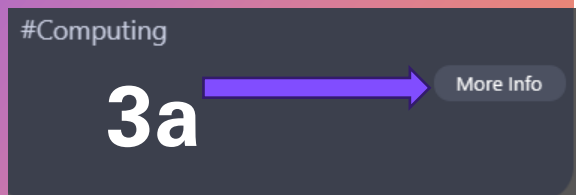
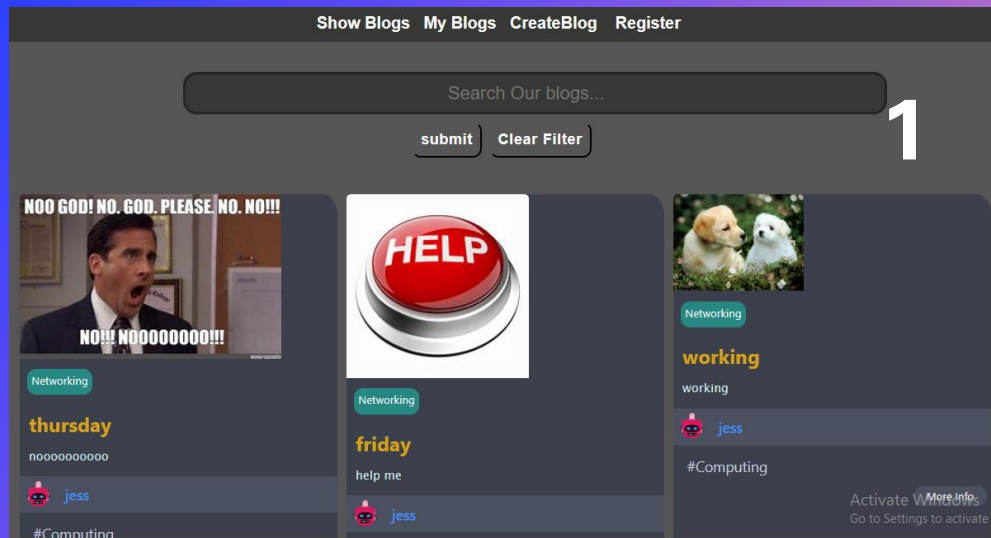
- A page to show all the posts created by users
- You can react to posts and add comments



Show all blogs

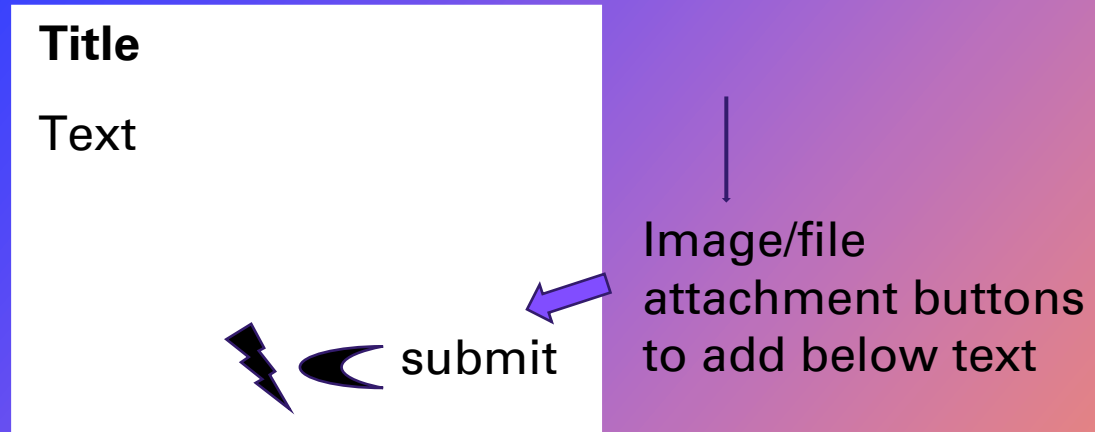
1. It allows us to view all the blogs created by every user on the site.
2. We have an issue in terms of keeping the cards identical size and keeping the more info button within the card.
3. The more info button allows us to enter a new page to view comments and to add your own comment.

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 on a purple-to-orange gradient background. Inside the form, the word "Title" is at the top left, followed by "Text" below it. At the bottom left of the form are two icons: a black lightning bolt and a black crescent moon. To the right of these icons is the word "submit". A purple arrow points from the text "Image/file attachment buttons to add below text" to the space between the "Text" field and the "submit" button. Another purple arrow points from the "submit" button towards the right.

Title

Text

Image/file attachment buttons to add below text

submit



The diagram shows a white rectangular form on a purple-to-orange gradient background. Inside the form, the word "Title" is at the top left, followed by "Text" below it. To the right of the "Text" field is a purple star icon. A purple arrow points from the text "Drop down menu from the '...' button? Edit/Delete. Edit goes back on to box 1." to the star icon.

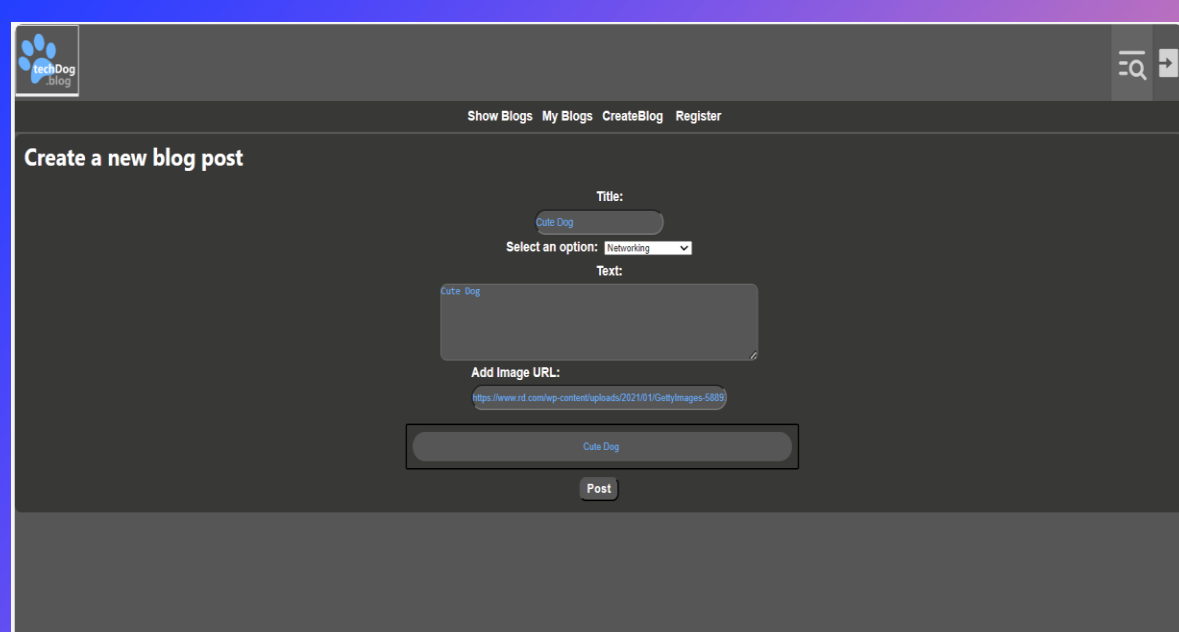
Title

Text

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

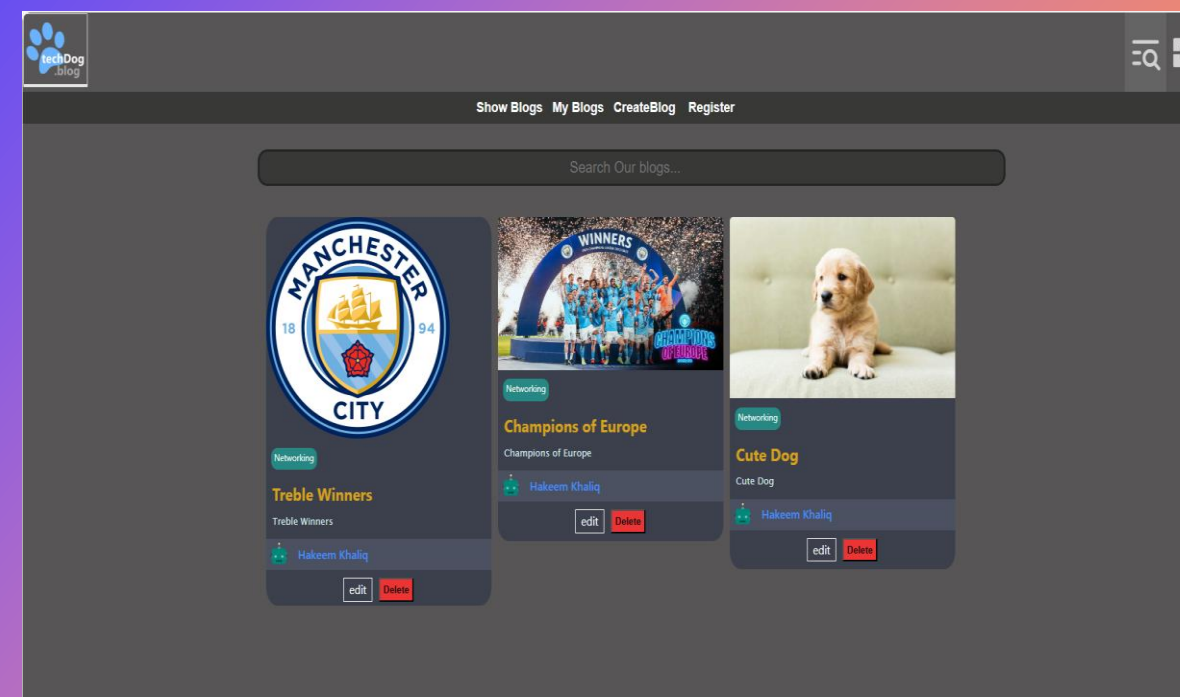
CreateBlog

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 see 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

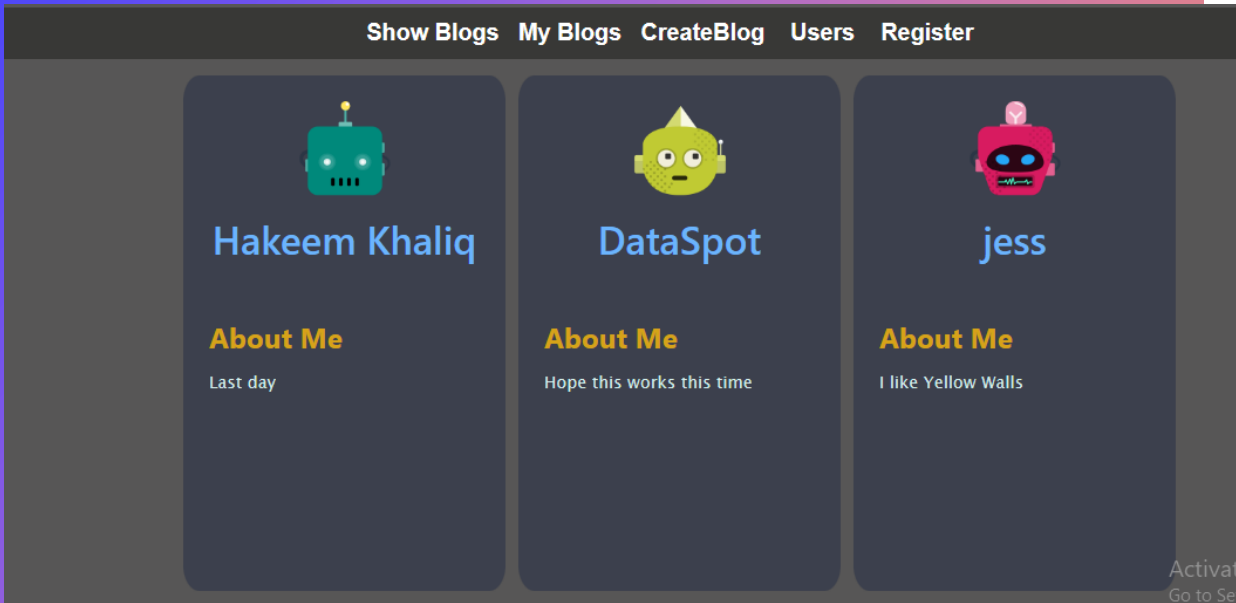
Drop down menu from the
"..." button? Edit/Delete.
Edit goes back on to box 1.

The mockup shows a dark-themed user profile page. At the top left is a circular avatar placeholder. To its right is a blue paw print icon, the text 'NAME', and a 'Following' label with a blue 'Follow' button. Below this are tabs for 'About' and 'Profile'. A white box contains the text 'Create a new post...'. The main content area has two post boxes. Box 1 contains a 'Title' field, a 'Text' field, and a '1' label. An arrow points from the 'Image/file attachment buttons' text to a lightning bolt icon in box 1. Box 2 contains a 'Title' field, a 'Text' field, and a '2' label. A thick purple arrow points from the 'Drop down menu' text to a star icon in box 2. A 'submit' button with a crescent icon is at the bottom right of box 1.

Users

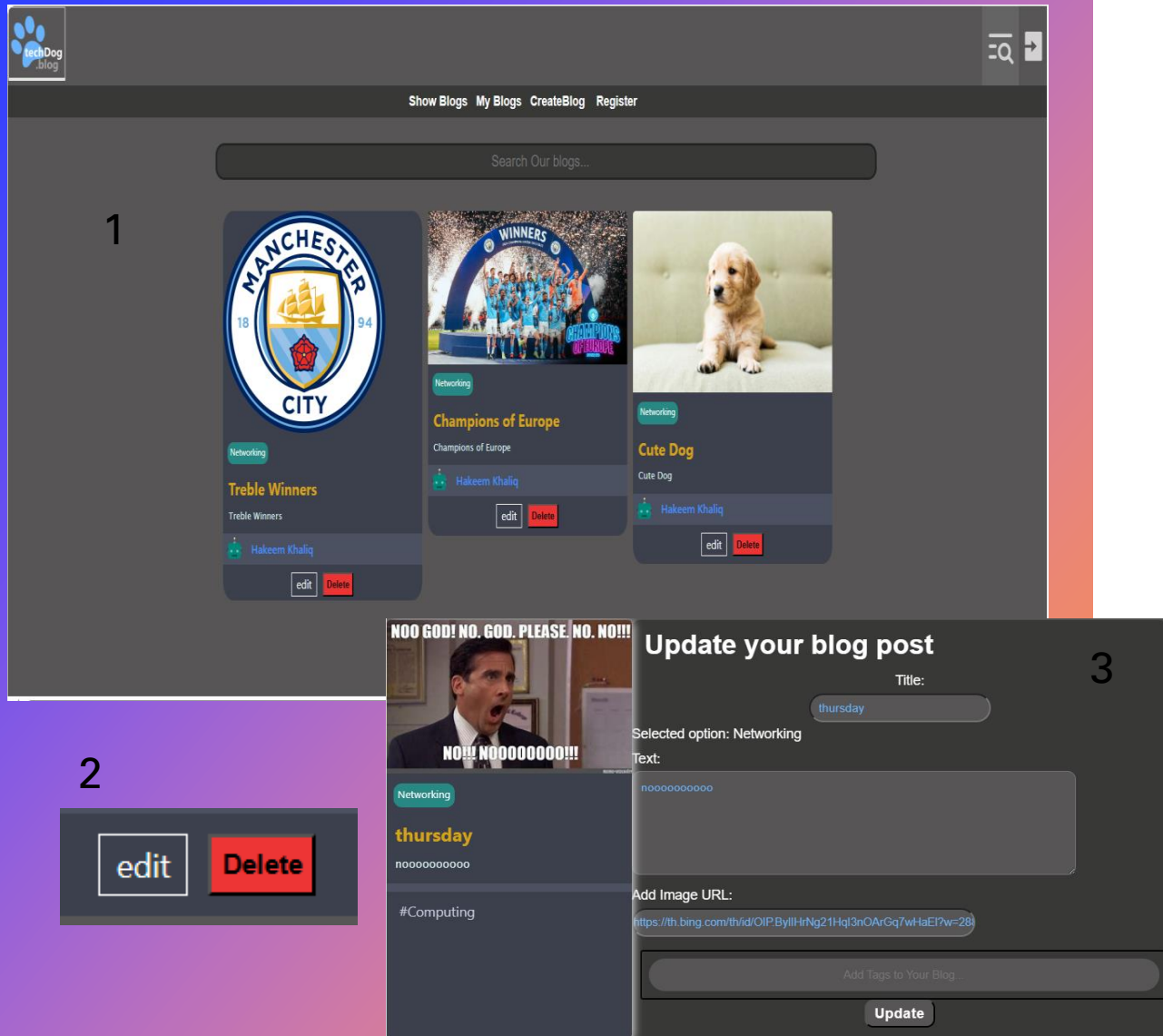
This page allows us to see all the users about me summaries.

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.



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THANK YOU

