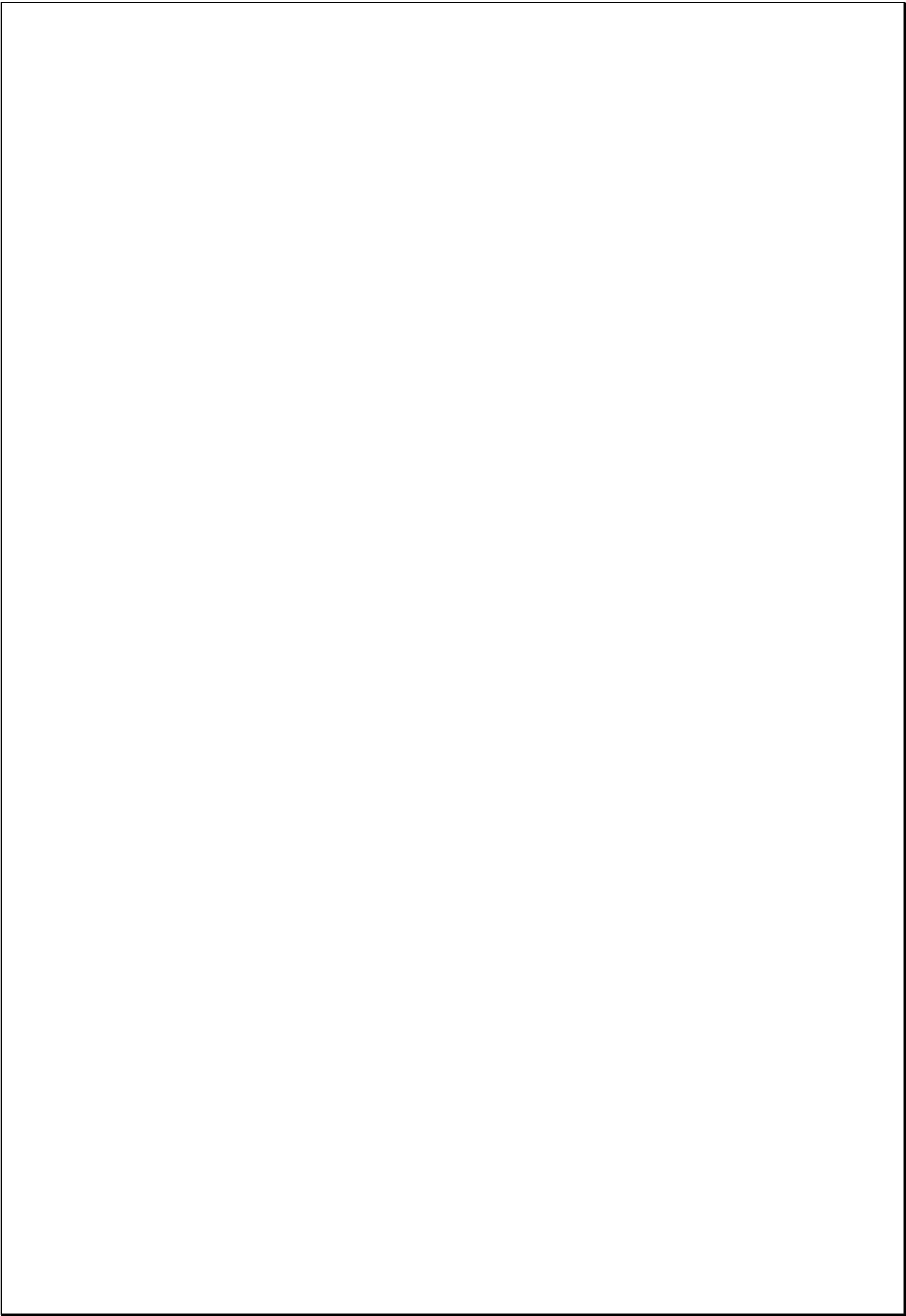


VIDEO LINK

https://drive.google.com/file/d/1D1kmmRJD_IM7wpHcSGYJbVqkaia0pnDQ/view?usp=drivesdk



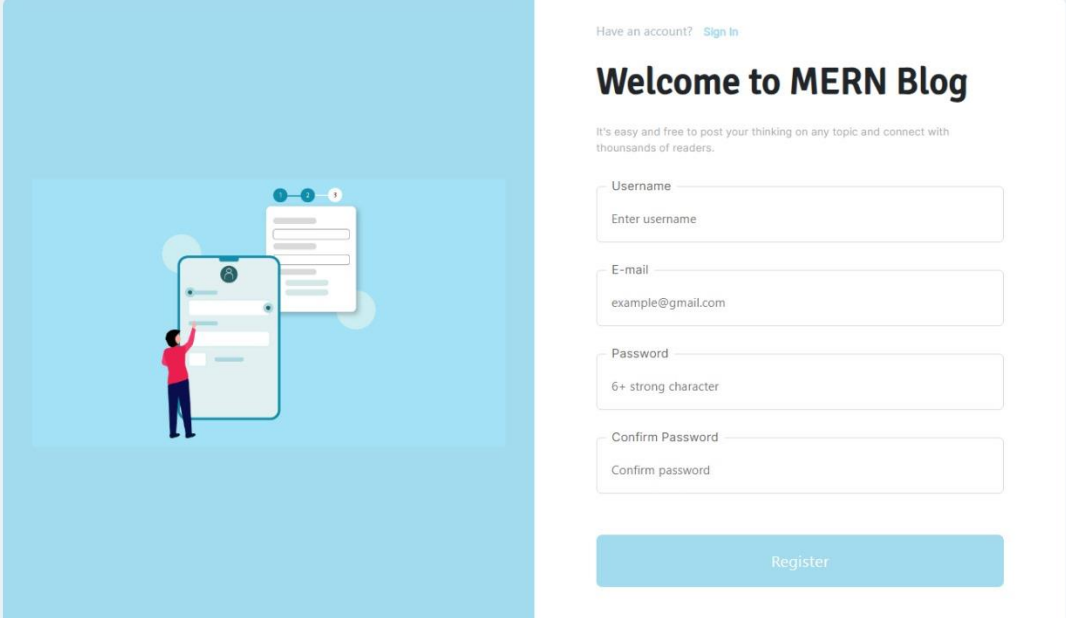
1. Design

Problem definition:- In the current digital age, individuals and organizations seek to share their ideas, experiences, and knowledge through blog platforms. However, many existing blogging platforms lack user-friendly interfaces, robust security features, and effective content management capabilities. There is a need for a modern, responsive, and secure blog website that caters to the needs of various users, including bloggers, readers, and administrators.

Solution specification :-

Introduction:- In the digital age, the need for platforms that facilitate the creation, sharing, and consumption of content has become increasingly vital. Blogs, as a form of online journaling or publishing, serve as powerful tools for individuals and organizations to express ideas, share knowledge, and engage with audiences worldwide. This project aims to develop a modern and user-friendly blog website that meets the diverse needs of content creators and readers alike.

Functional Requirements:-



Have an account? [Sign In](#)

Welcome to MERN Blog

It's easy and free to post your thinking on any topic and connect with thousands of readers.

Username
Enter username

E-mail
example@gmail.com

Password
6+ strong character

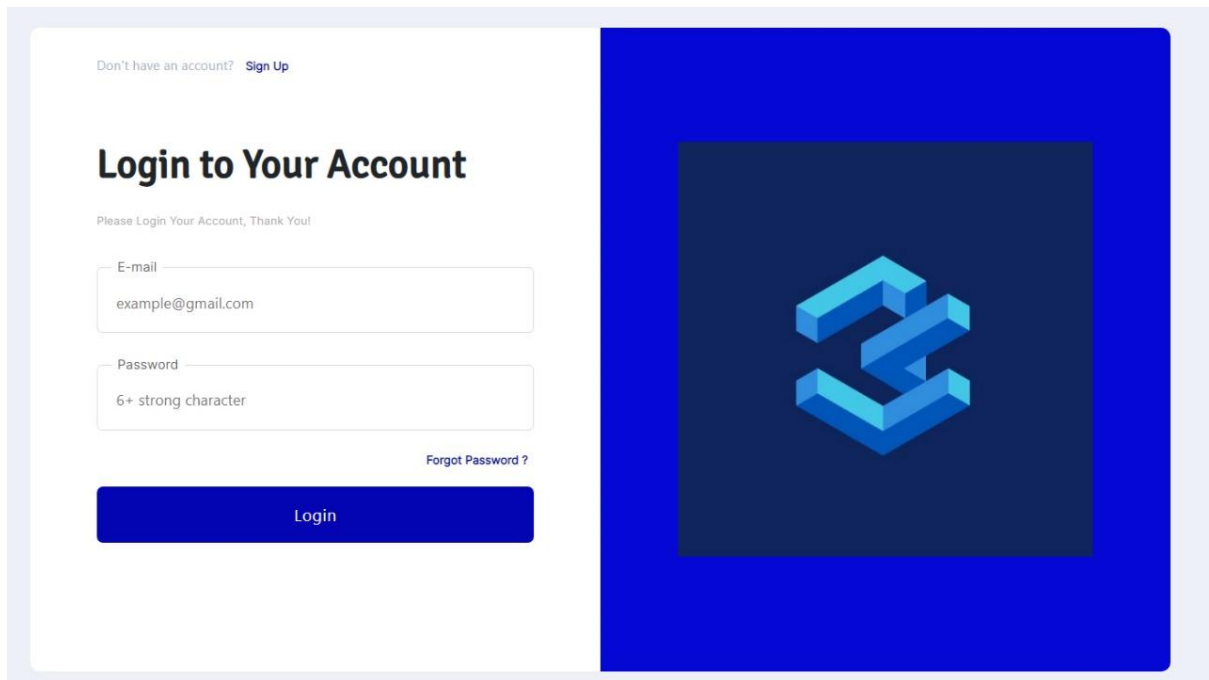
Confirm Password
Confirm password

Register

- Registration From

The page consists of a title “MERN Blog”, a blurb about the platform, and a registration form. The form collects user information including username, email, password and confirmation password.

- Login Page



Don't have an account? [Sign Up](#)

Login to Your Account

Please Login Your Account, Thank You!

E-mail

example@gmail.com

Password

6+ strong character

[Forgot Password ?](#)

Login

The page consists of a heading prompting users to login, a form to enter their email and password, and a button to submit the login credentials. There's also a link that allows users to reset their password if they've forgotten it.

- Home Page

BLOG PAGE

[Add Story](#)

Exploring the Epic Saga of Game of Thrones

In the vast realm of epic fantasy literature and television, few serie...

10 July ,2024



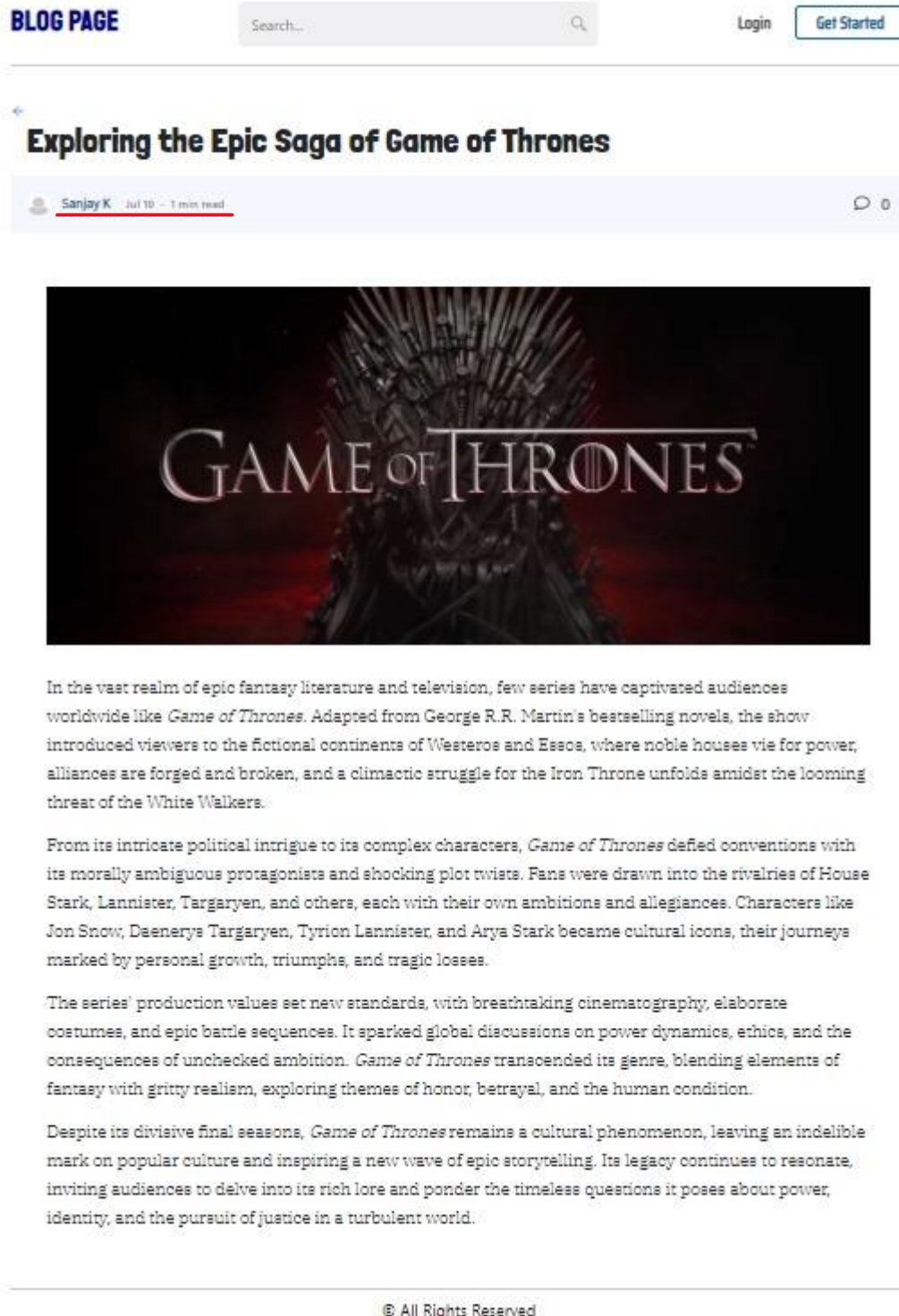
Celebrating Canine Companions

Dogs, often referred to as "man's best friend," have ben domesticated ...

9 July ,2024

The page consists of a title "MERN Blog", a navigation bar with links to different sections of the blog, potentially including "Blog", "About Us", and "Contact Us". There's also a featured image in which user can upload blogs cover image.














- Name of the author and published date




The page consists of name of the author and published date, so that users can see who is the publisher and when is the blog published.



Title

Paragraph  **B** *I*            

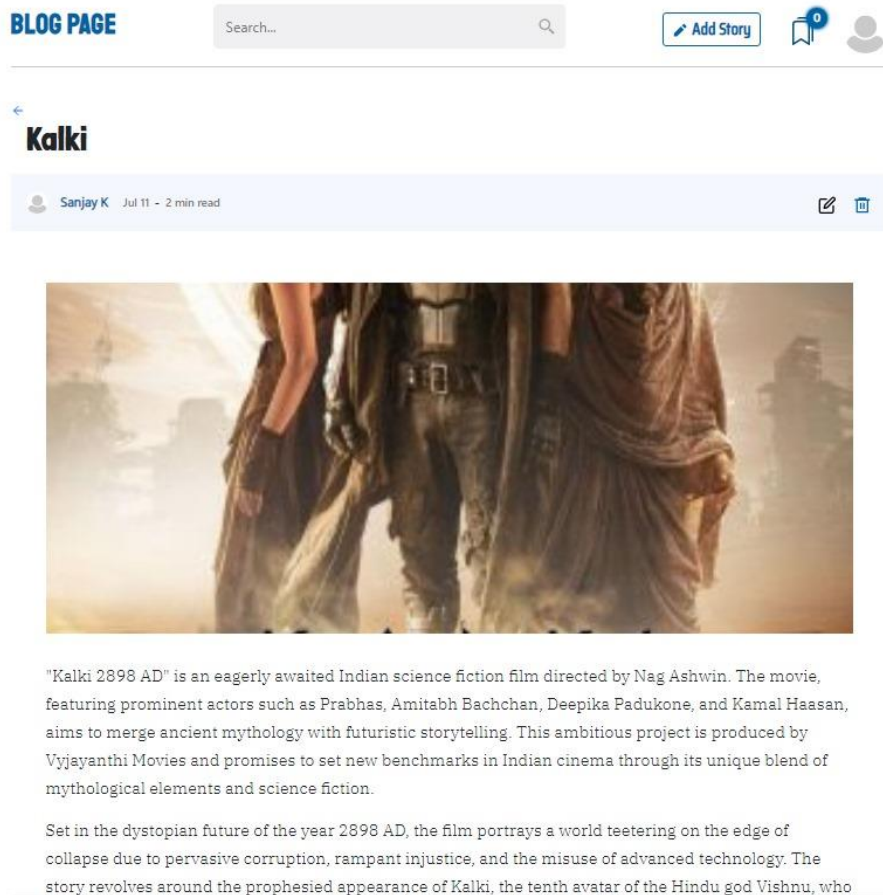


Include a high-quality image in your story to make it more inviting to readers.

Publish

- Content Creation Page for a Blog Post

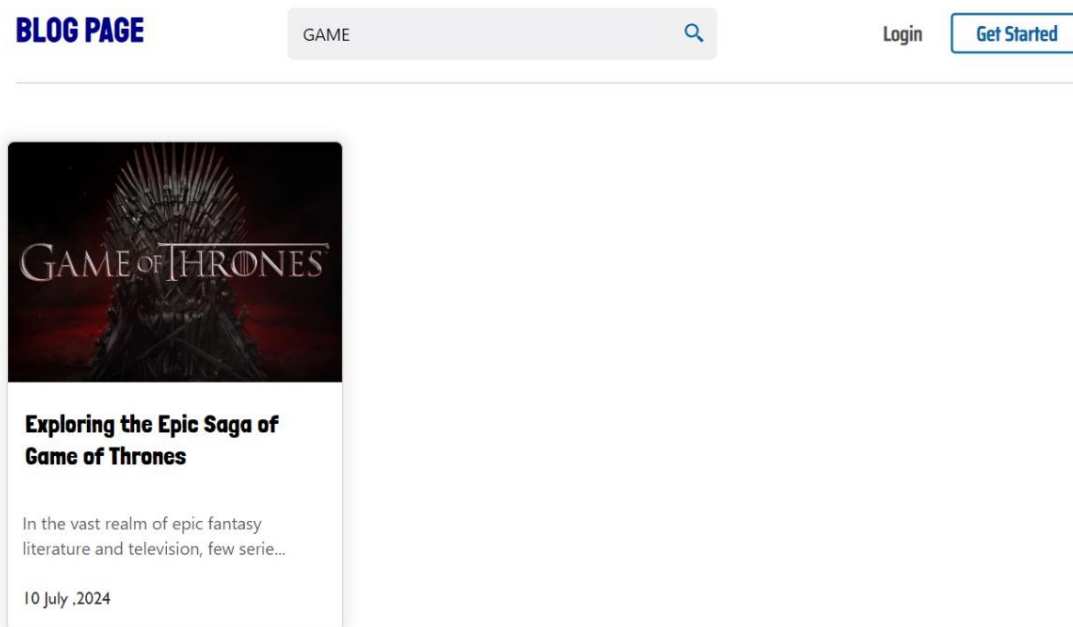
The page consists of a text editor frame, likely powered by a rich text editor library like CKEditor, which allows users to format text, add images and videos, and create tables. There's also a title field, where users can enter a title for their blog post and a publish button to publish the post.



• Users Can Edit And Delete Their Post

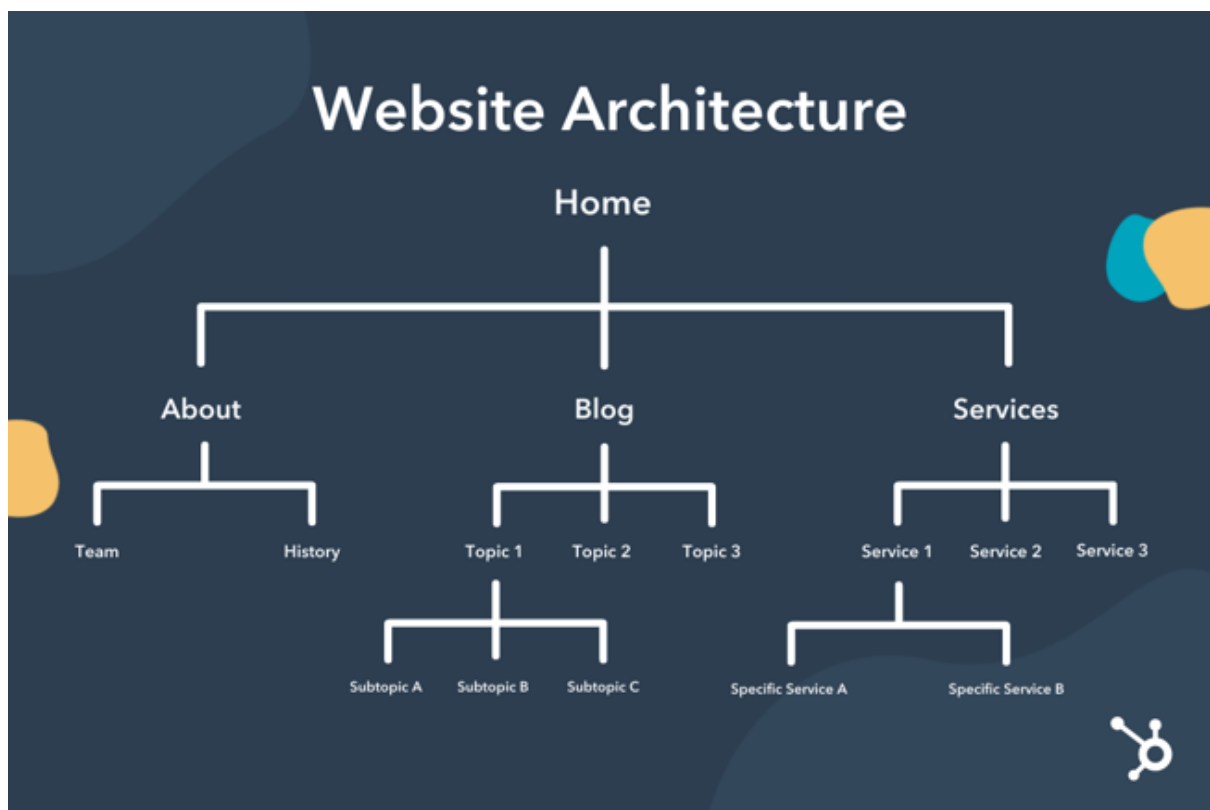
Edit and delete options are typically implemented using buttons or icons placed strategically within the blog post. These buttons might trigger JavaScript functions upon clicking. The JavaScript function would likely make an AJAX request to the backend API endpoint responsible for editing or deleting posts.

- Search option

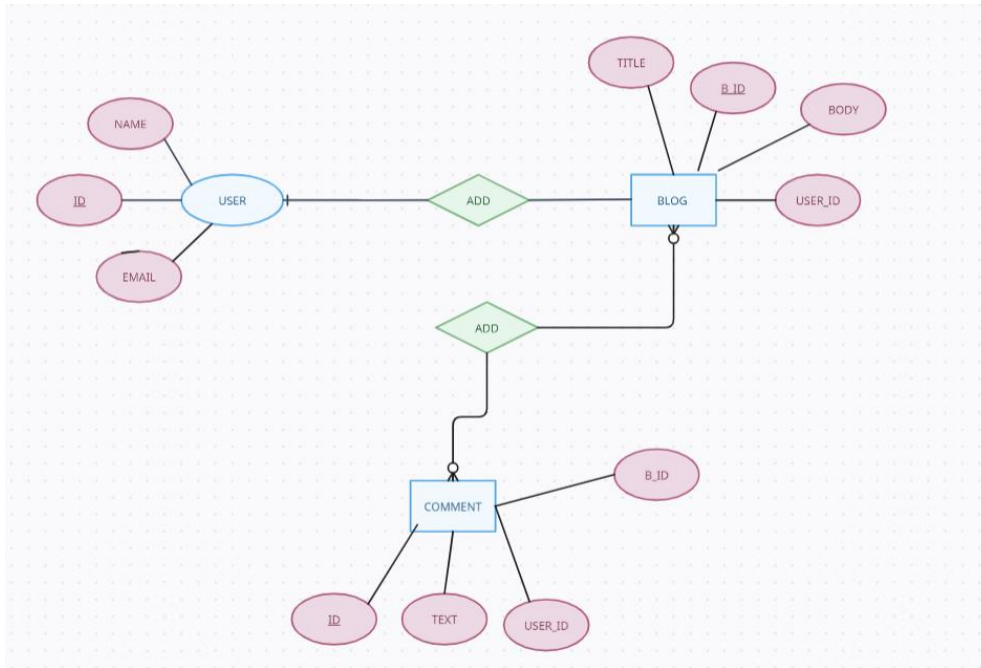


The search functionality typically involves a search bar placed prominently on the blog's homepage or navbar. The search bar would have an input field where users can enter their search query. As the user types, the frontend might implement features like autosuggest to suggest relevant search terms based on what the user has typed so far. Once the user enters their search query and submits it (by pressing Enter or clicking a search button), the frontend would likely make an AJAX request to the backend API endpoint responsible for search.

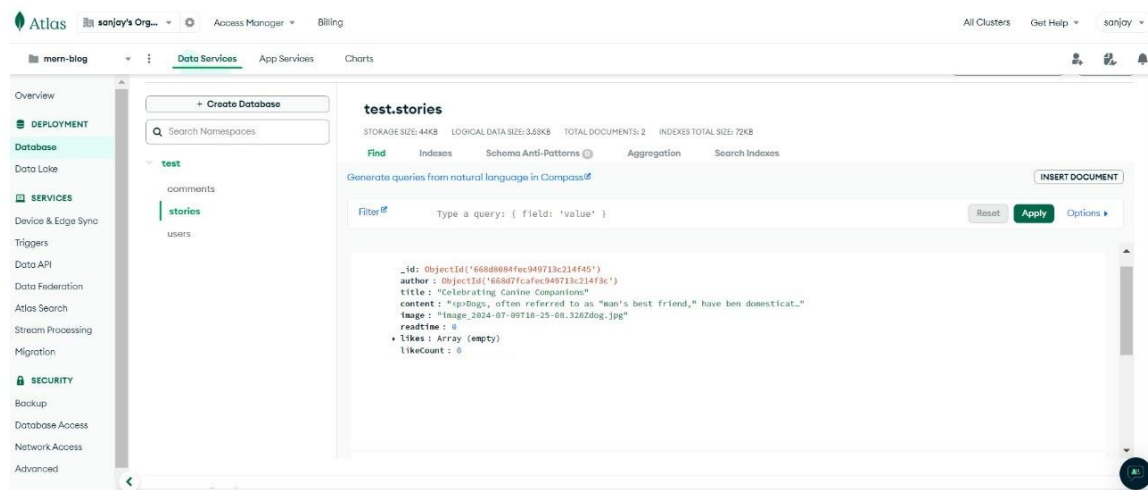
Architecture



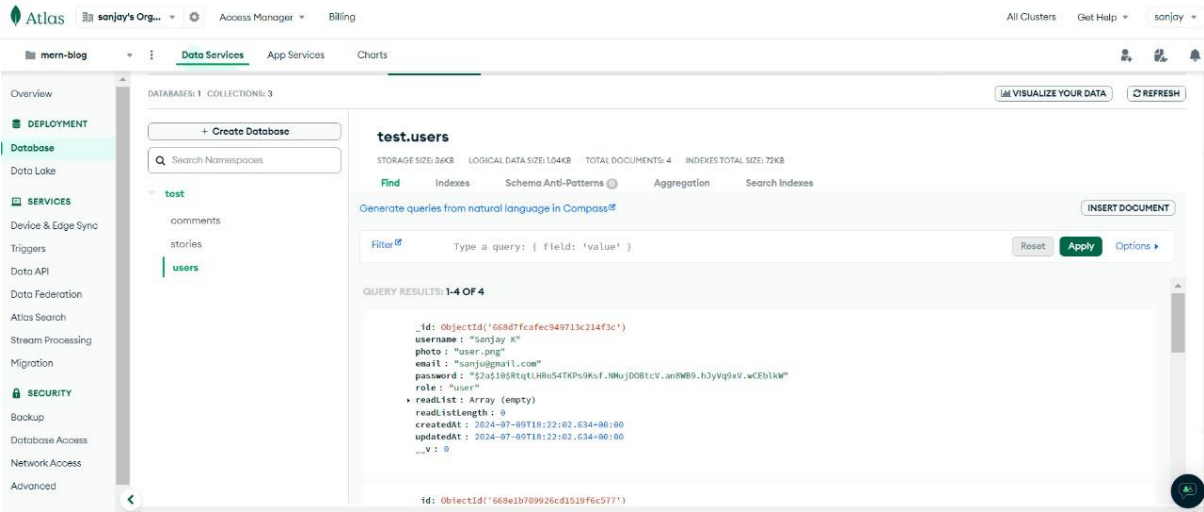
ER Diagram



Database



Develop



Implementation

Variable names and types

Name	Value Type
<code>localStorage.getItem("authToken") ? true : false</code>	Boolean
<code>StoryComments = ({ commentlist, count, activeUser })</code>	Array
<code>className="Inclusive-addStory-page "</code>	string

Functions

Name	Values required	Values returned
<code>resetpassword</code>	<code>async (req,res,next)</code>	<code>return next(new CustomError("Please provide a valid token ,400))</code>
<code>readListPage</code>	<code>asyncErrorWrapper(async (req, res, next)</code>	<code>return res.status(200).json({ success: true, data: readList</code>
<code>profile</code>	<code>asyncErrorWrapper(async (req, res, next)</code>	<code>return res.status(200).json({ success: true, data: req.user</code>

Testing for errors

Some of the user feedback

- **Confusing Target Audience:** The blog title text says "Game of Thrones" but the image showcases a Siberian Husky. This might confuse users about the blog's niche. It would be better if the image is either related to Game of Thrones or the content about dogs is more prominent.

- **Search Functionality:** The search bar is placed prominently on the top but it's unclear what kind of search functionality it offers. Does it search within the blog or the entire web?
- **Date Display:** While the dates for the posts are mentioned, they are placed a bit low. They could be positioned higher for better readability.

Overall, the blog layout seems clean and easy to navigate. However, the points mentioned above could be addressed to improve user experience.