# **BLOG PAGE DEVELOPMENT**

### **A MINI PROJECT REPORT**

#### **Submitted by**

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#### **in partial fulfillment for the award of the degree**

#### **of**

## **BACHELEOR OF ENGINEERING**

***in***

COMPUTER SCIENCE & ENGINEERING

****

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**CHANDIGARH-PATIALA NATIONAL HIGHWAY**

**RAJPURA (PATIALA) PUNJAB-140401 (INDIA)**

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**ABSTRACT OF PROJECT**

**CLASS GROUP :**-18

**PROJECT TITLE** : BLOG PAGE

**ABSTRACT**:

The development of a blog page using HTML, CSS and Javascript is a fundamental endeavor in web development. Creating a blog page using HTML, CSS, Javascript involves building a web page where you can write and share your thoughts. HTML provides the structure and content of the page, while CSS adds the style and visual appeal and Javascript used for implementing complex features on web pages.

**TECHNOLOGY USED:** HTML, CSS and Javascript.

**BATCH DETAILS** :-

|  |  |
| --- | --- |
| **NAME OF THE STUDENTS** | **ROLL No.** |
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1. **Introduction**

**Project Title:** BLOG PAGE

**Team Members:**

1. Anmol
2. Ansh Goel
3. Ansh Vohra

**Overview:**

* **Purpose:**

1. Developing a blog page is an excellent way for us to learn the basics of web development.
2. It's a platform for self-expression and communication.
3. Provide a platform for expressing thoughts and opinions on a topic.

* **Goals:**

1. Gain a deeper understanding of HTML, CSS and Javascript two foundational technologies in web development, to enhance your coding skills.
2. Ensure a clean and intuitive layout that makes navigation easy for visitors.
3. Create a platform for publishing and sharing your thoughts, ideas, experiences, or creative work using html, css and javascript.

**2. Problem Statement**

* They lack an efficient and customized solution to create and manage a blog page that aligns with their unique brand, style, and content needs.
* Optimize the blog page for speed and performance to provide a smooth user experience.
* Include a search feature that allows users to find specific blog posts or topics quickly.
* Develop a visually appealing and consistent design using CSS, considering fonts, colors, layouts, and media elements.

1. **Technical Details**

**HTML (Hypertext Markup Language):**

* Used as the foundation for structuring the web page.
* HTML elements tell the browser how to display the content
* Allows for the creation of a clear and organized blog page.

**CSS (Cascading Style Sheets):**

* Applied for styling and formatting the website's layout and visual elements .
* Ensures a visually appealing and consistent design across all pages.
* It can control the layout of multiple web pages all at once
* CSS describes how HTML elements are to be displayed on screen, paper, or in other media

**Javascript:**

• It is used for implementing complex features on web pages.

• Makes the website technically strong.

* It is a programming language that makes your website more interactive.

1. **Key Features**

* **Accessibility**: Ensure your blog is accessible to all users.
* **Testing and Debugging**: Thoroughly test and debug your blog to identify and fix issues across various browsers and devices.
* **Documentation**: Maintain clear and organized code documentation for future reference and collaboration.
* **Search Functionality:** Include a search bar that allows users to find specific blog posts or topics quickly.
* **Clear and Readable content:** Choose a clean and readable font for the content, ensuring that the text is easy on the eyes. Use appropriate font sizes and line spacing.
* **Email Option:** Provide an option for users to subscribe to the blog via email. This helps in building a loyal audience and keeps readers informed about new content.
* **Images and Media**: Enhance your blog with images and multimedia.

1. **Project Advantages**
2. **Skill Development**: Building a blog page enhances your web development skills, particularly in HTML, CSS and Javascript . It's a practical way to reinforce your understanding of these fundamental technologies.
3. **Customization**: HTML and CSS allow for complete customization. You can design your blog page to reflect your unique style, branding, and content layout preferences.
4. **Speed and Performance**: Static HTML and CSS pages load quickly, providing a better user experience. They are efficient and require minimal server resources, leading to faster page loading times.
5. **Full Control**: You have complete control over your blog's design and content management. There are no limitations imposed by third-party platforms.
6. **Personal Branding**: A blog helps build your personal brand or online presence. It establishes your voice and authority in your chosen field, making you more recognizable and credible.
7. **Continuous Learning**: Maintaining a blog encourages continuous learning and research as you explore new topics and stay updated in your area of interest.

### 

1. **Conclusion**

A blog page project using HTML, CSS and Javascript is a valuable endeavor that serves various purposes and offers numerous benefits. This project not only provides a practical platform for sharing thoughts, ideas, and experiences but also serves as a learning opportunity for web development enthusiasts. By creating a blog page, individuals can hone their HTML and CSS skills, gaining a deeper understanding of web structure, content organization, and visual design.

Moreover, a blog page can be a powerful tool for personal branding, educational purposes, content marketing, and community engagement. It enables individuals and businesses to establish their online presence, connect with their target audience, and share valuable content.

**Team Main Takeaways:-**

* Enhanced skill and knowledge
* Understanding of user experience
* Collaboration and communication
* Project management and planning

**List Of References**

* Web Design Books
* YouTube Tutorials
* MDN Web Docs (developer.mozilla.org)
* W3schools (w3schools.com)
* Codecademy