

Survey on Blog Web Application

Neha Prashant Vaidya¹, Sonia Asha Thorat², Nikita Vasant Rathod³,
Kajal Unkeshwar Rathod⁴, Dr. D. N. Chaudhari⁵

Students, Department of Computer Science and Engineering^{1,2,3,4}

Faculty, Department of Computer Science and Engineering⁵

Jawaharlal Darda Institute of Engineering and Technology, Yavatmal, Maharashtra, India

Abstract: A blog is a website of discussion or information posted on the World Wide Web (WWW) that consists of individual, often informal, diary-style text entries. Messages are usually displayed in reverse chronological order, with the most recent message at the top of the web page first. Until 2009, blogs were usually the work of one person, sometimes a small group, and often covered a single topic or topic. The 2010s saw the emergence of "Multi-Author Blogs" (MABs), written by multiple authors and sometimes professionally edited. MABs in newspapers, other media outlets, universities, think tanks, advocacy groups and similar organizations account for the increasing volume of blog traffic. The growing popularity of Twitter and other microblogging systems has helped incorporate MAB and single-author blogs into the media. Blog can also be used as a verb meaning to add or maintain content to a blog.

Keywords: Blog, World Wide Web (WWW), Multi-Author Blogs (MABs), User Interface (UI)

I. INTRODUCTION

The term "Weblog" was coined by Jorn Barger on December 17, 1997. The short form, "Blog", was coined by Peter Merholz, who jokingly broke the word weblog into the phrase weblog in the sidebar of his blog Peterme.com in April or May 1999. Shortly thereafter, Evan Williams at Pyra Labs used "Blog" as both a noun and verb and devised the term "Blogger" in connection with Pyra Labs' Blogger product, leading to the popularization of the terms. Blog posts are meant to provide valuable information to people in a free and easy to read manner. This is the first step in building trust with your readers so you can turn them into future customers

1.1 What is a Blog?

A blog (a shortened version of "weblog") is an online journal or informational website displaying information in reverse chronological order, with the latest posts appearing first, at the top.

1.2 Why Blog?

There are many reasons why people blog, but here are some of the most common reasons: To share your experiences and expertise, To speak up about an issue you care about, To become more involved with hobbies and passions, To be part of a community

II. RELATED WORK

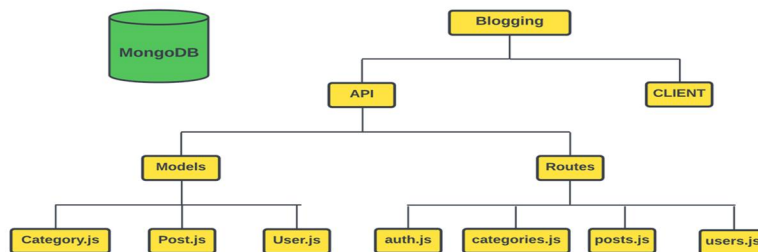
In this project our proposed topic is Blog Web Application, after creating an account it allows user to create a blog post which can be any format such as images and text along with their title and description. User can also see other blog post at the home page. This platform provides an environment for posting or sharing knowledge throughout the organization. This gives detailed information about functional and non-functional requirements of users or students i.e. whatever they want to share then they can easily write on their blog and it can be viewed by the member in the organization. The purpose meets the goal of sharing the information in formal or in secure way.

III. IMPLEMENTATION

The implementation phase tasks are divided into Units or Modules and assigned to different developers. This is the longest phase of the software development life cycle process. One can use Access Control or Source Code Management App at this stage.

- **ReactJS(Frontend):** React is a free and open-source front-end JavaScript library for building user interfaces based on UI components. React is a declarative, efficient, and flexible JavaScript library for building user interfaces.
- **NodeJS(Backend):** Node.js is an open-source, cross-platform, backend JavaScript runtime environment that runs on top of the V8 engine and executes JavaScript code outside of a web browser. An asynchronous event-driven JavaScript runtime, Node.js is designed for building scalable network applications.
- **MongoDB(Database):** MongoDB is an available document-oriented, cross-platform database program. Classified as a NoSQL database program, MongoDB uses JSON-style documents with optional schemas. MongoDB is developed by MongoDB Inc. and licensed under the Server-Side Public License
- **API Module:** VS Code API is a set of JavaScript APIs that you can invoke in your Visual Studio Code extension. This page lists all VS Code APIs available to extension authors.

API Module



- **Client Module:** The client makes requests to the API in order to retrieve some information or change something within the application. Your web browser is a client — it interacts with APIs different websites to get page content from them.

CLIENT Module

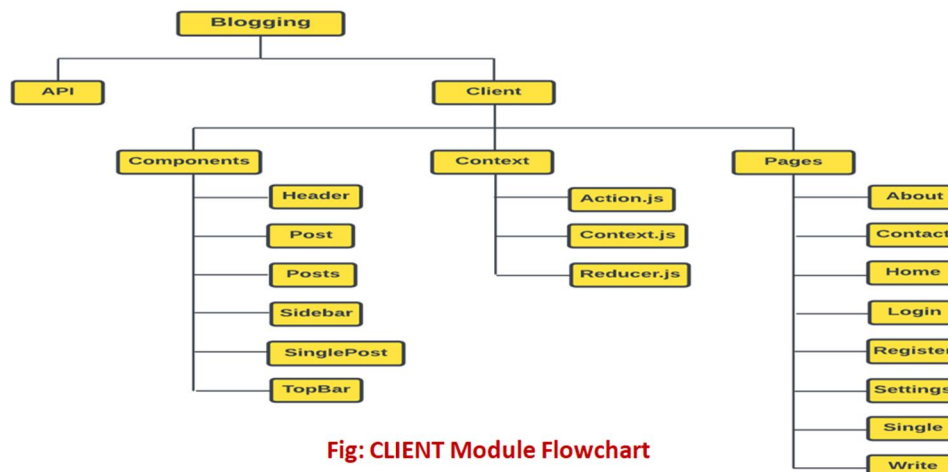


Fig: CLIENT Module Flowchart

IV. LIMITATIONS

Entire applications is build on new technology which is React, Node & MongoDB. Due to this application has some limitations.

- User can not view viewer count.
- Other user can not makes like & comments on post.
- Other user can not report to post instead they can contact developers.

V. CONCLUSION

Blogs allow you to talk about any topic you are interested in and express your opinion also blogging helps in various ways like Learning, Connectivity, Flexibility, Writing Skills, Language Skills, Revenue and Job Opportunity.

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