



News CMS Blog

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Abstract—Nowaday, Many people are more and more busy on electronic media of their every daily life. People do not have much time to be update through any source of media like newspaper or watching or listening the news on any platform such as television or radio. People are so much travelling in their daily life to fulfill the needs of life. They are used to update through various mode like by using the internet they get all sort of information on their mobile or laptop from the various source like Facebook, Twitter, Instagram, Whatsapp and other more social media application. Most of the people of the world get the information through the internet.

The WWW is fully and highly distributed all over the world to provide the information like people can search any thing and can access all type of service provided by world wide web. There are various news blog that are provided different news of the world. In our News CMS blog we are creating various section for the easy and effective way for the user. we are applied various advanced feature like multilingual, search bar and voice dictate bar for the easiness for the user.

Keywords - Content Management System, Dango, Postgres SQL.

I. INTRODUCTION

Blogging has become such a mania that a people is trying to upload a new blog every second of every minute of every hour of every day. A blog is your best way to raise your voice among the online crowd nowadays. Blogs were usually the work of a single individual occasionally of a small group. and often covered a single subject. More recently, "multi-author blogs" (MABs) have developed with posts written by large numbers of authors and professionally edited. A News Blog is a type of web application that that keeps the different news of all world in the software development projects. A content management system is software that allows user without programming knowledge to create, edit and publish web content, such as text or multimedia element, collectively via a graphical user interface.

II. DEFINING THE PROBLEM

To better understand this problem in our life, you must first know the

basic definitions:

Content is an organization's intellectual capital. It is material that has been decoupled from its presentation. The information found in a product brochure, a user manual, a web site, a Braille menu, or any other type of Information Product is referred to as content. To put it as plainly as possible, the content

Knowledge that is put to good use is possible. When information is packed, it is put to use. and presented (published) for a specific purpose. More often than not, content is not a single "piece" of information, but a conglomeration of pieces of information put together to form a cohesive whole [2].

A CMS is a mechanism that allows a variety of (centralised) technical and (de-centralised) non-technical staff to develop, edit, manage, and eventually publish (in a variety of formats) a variety of content (such as text, graphics, video, documents, and so on) while being restricted by a centralised collection of guidelines, processes, and workflows that ensure consistent, validated electronic content.

III. OBJECTIVES OF RESEARCH

A. *To encourage individual and group of developers to created news generated/reported in their personal and group projects*

When developers make any personal project on their own efforts, it is obvious that they will be encountered with many bugs during the project development cycle. When they are involved in project assigned by company, they will be given many project to selected from them. But while making their own projects, developers are not habitual of using framework project.

The Content management systems typically are based on databases that serve to hold the information displayed on the page and configure the portal, and for scripting languages or special software on the server side. Because on a wide range of hosting providers servers and hence the competitive costs the most common tandem are MySQL (My Structured Query Language) database and PHP (PHP: Hypertext Preprocessor) scripting language.

IV. LITERATURE REVIEW

A. *Issues and Challenges in web development application*

The other new blog tools available in the market are mostly paid for basic features as well these tools have complex system which are not comfortable with the developers. Many developers complain that these tools have confusing user interface and it takes a lot of time to get familiar with the system workflow.

The family of content management systems include products with a common origins and similar names, but differ significantly in terms of offer in the market.

Document Management Systems (DCMS) - intended mainly for the collection, sharing, and retrieval of various kinds of documents resulting in the company or from outside. Have the extensive search for documents by given criteria. Search is based on both subject matter documents, and so on. meta-data.

Transactional Content Management System (TCMS) - These systems are used mostly in commercial environments such as stores. Facilitate the conduct transactions.

V. SYSTEM MODULE (1 ADMIN MODULE)

In this web development application we have two module they are admin and user module. In this module:

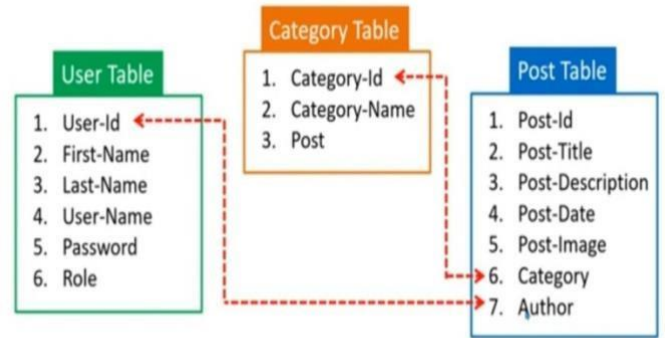
- Admin can block user id
- Admin can resume user id
- Admin can see all pages
- Admin can maintain all records of user
- Admin can maintain all site Admin can access and process all requests • Admin can delete/update/select content
- Admin Provide all information related to any topic

VI. SYSTEM MODULE (2 USER MODULE)

In this module:

- User can signup in the website • User can login in the website by their ID.
- User can add information in the blog.
- User can add comment in the website.
- User can select any categories which he/she will want to search in website.
- User can select news according to their wish.

VII. STRUCTURE FLOW DIAGRAM



VIII. IMPLEMENTATION

The frontend part of this project shall be made with the help of HTML, CSS, JavaScript and one of the popular CSS Framework i.e. Bootstrap.

Whereas, the backend part shall be made with PHP(Hypertext preprocessor) which is used for scripting language and MYSQL which is used for database store in the complex web applications.

IX. RESULT

The result shall come out as a web application where we can login in the application and based upon the permission, the user will be allowed to see and perform various tasks.

The application must focus on the various type of news.. The higher-level authorities must approve the user so he or she can enter the website and can see all type of news according to their needs. They can also gives their views and comment in the news.

X. FUTURE SCOPE

Since, the outcome shall be a web application. But one who wants to use this application in mobile devices as an android or IOS application for any device..

Therefore, one can build the REST API so that it will opens the path for mobile application development for this project. As well as one can also make react.js application and provide more awesome user experience to the user.

XI. CONCLUSION

News CMS Blog is a dynamic website which can be open in any browser. people can see all type of news in this website according to their wise ans needs. people visit websites for information, entertainment, and at times, to make purchases. Adding new pieces of content, be they articles, videos, etc. helps keep visitors to attract your site informed and happy. Finally we are making such website which works

according to people needs and wise. they can search all kinds of news in the news blog. it is very much user friendly. people can give their viewd by comment in the news website ..

XII. REFERENCE

- [1] <https://en.m.wikipedia.org/wiki/Blog>
- [2] <https://www.ionos.com/digitalguide/hosting/cms/cms-comparison-a-review-of-the-best-platforms/>
- [3] <https://youtu.be/rzxNpfiLH5g>