A Content Management System

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Abstract—**The content management System in short term for CMS changes the perspective towards the web design process through allowing easily nontechnical users to manage content of their web sites. It has a wide range of features that will satisfy any human or organization needs that are well served by dynamic web sites. Major amount of people like to read online journal, or they like to write also on online portal. Nowadays every reputed schools, colleges, universities, companies have their own websites.And on their website they have a small section called blogs. So, my aim is to develop a system where they can not only post their blogs, activity but also using search engine they can find their specific post, can edit, add admin, can see admin details.**

Index Terms—**CMS, Institution, information, nontechnical.**

I. Introduction

Every companies, institution post their day-to-day information on their websites. But for these kinds of works they usually hire IT developer or web designer. But with a few skills in computer it is easy for non-technical users to create and manage a comprehensive websites through CMS applications. They used for creating, editing, organizing and publishing content of the website. The use of CMS for managing educational portal makes university's activities become more reliable and easy to performs. CMS will enhance the communication between students and faculty. This dynamic website keeps up the communication with coursework while students are in home. Students can find all the update dates of their assignments, can post their experienced, read their teacher's post, easily get their course materials and many more.

II. Literature Review

In the past few years, the field of open-source CMSs has increased, making it more likely that a library will find a viable CMS in the existing marketplace that will meet the organization's needs. Drupal is an open-source CMS that was one of the first viable options for libraries and so is widely used in the library community. It was the subject of an edition of Library Technology Reports in 2008.Since Drupal opened the door for open-source CMSs in libraries, others have entered the market as well. In 2009 John Harney noted, "There are few technologies as prolific as web content management systems. Some experts number these systems in the 80-plus range, and most would concede there are at least 50."9 The CMS selection process described here builds on those described in the literature by integrating their requirements and methods to address the needs of a very large decentralized website. It builds on the increased emphasis on user involvement in technology solution building and selection by fully incorporating the CMS users in the selection process. Further, the process described here took place after those described in the literature, after the opensource CMS field had significantly improved. The options were much greater at the time of this study While there still does not exist the perfect libraryready turn-key CMS, there are many excellent, robust open-source CMSs available.

III. Proposed Methodology

The features of this system given below-

- Content Creation and Ownership Requirements
- Content Management
- Publishing
- Presentation
- Administration

IV. Requirements

A. *Language*

- Front-end: HTML, CSS, Bootstrap and JavaScript
- Back-end: PHP, PDO, JavaSCript
- Database: MySQLi

B. *Environment*

- XAMMP
- Apache
- MySQLi server

C. **IDE**

- PhpStrom/VScode

V. Conclusion and Future Scope

The aim of this project is to develop a content management system for evaluating information quality on Blogs. In order to develop the content management system, appropriate information quality criteria for Blogs were first identified. The next stage included the implementation of the Blog management system as a test bed of the project. The Blog management system contained all the facilities for content production on Blog. Moreover, all the activities carried out by participants, as well as their information quality scores were saved in the system database. After developing the Blog server, participants were invited to create Blogs and add contents. The produced CMS is a specific content management system with content oriented aspect. In future this system can use many school,college and university. Teachers,admins and also students can post their experienced and vast knowledge using this system.

Acknowledgment

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