

Content Management

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Abstract: - Storing and maintaining data is of higher importance these days. Manual handling of data becomes a tedious task, hence this paper proposes a system where in allocation of project and its related task can be done through a dedicated website. This website will let the end-user to allocate guides, create groups, issue circulars and also lets the staff to update marks on-line without any hassle.

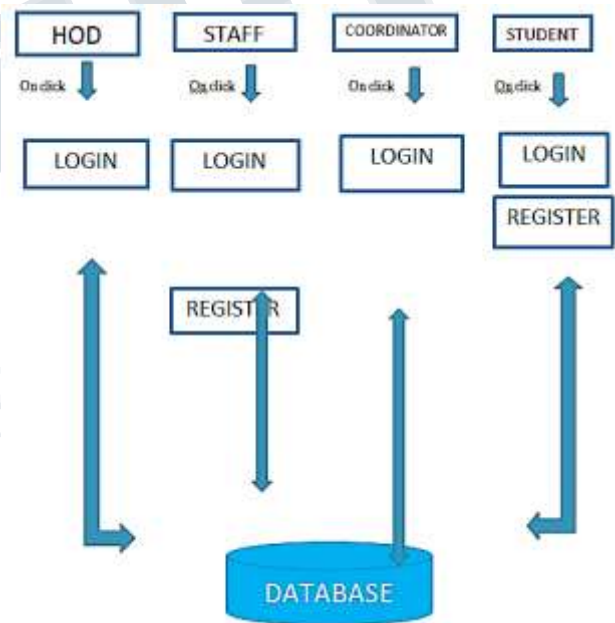
Keywords: Project Management, Automation, PHP, CSS, HTML, JavaScript, PHP-MyAdmin.

I. INTRODUCTION

Content management is a set of process and technologies that supports managing of projects in a website. Our website helps Students, Staff, Coordinator and Hod to manage and maintain projects. The main objective of our project is to reduce paper work, reduce time consumption, reduce operational time, increase data security and eliminate redundancy of data. Staff need not go to every class to deal with student circulars. Students need not go around staff to register or form batches. As our website being RESPONSIVE DESIGN can be used on any browser or any mobile devices. We used advanced features of PHP 5 that makes client data more secure. This software project can be readily used by our clients - Hod, project Coordinator, project Guide and Students. Which is briefly explained further in four different modules. The proposed system is automated which would provide easy, clear, effective and efficient way of managing projects in the Dept. of CSE, RYMEC. The paper is organized as follows, in section 2 we discuss about the methodology used and the overview of the system, followed by the experimental results in section 3. Further the conclusion in section 4.

II. SYSTEM OVERVIEW

The proposed system consists of four clients on the home page and with data base as shown in system architecture.



Module 1

Hod Privileges

He can issue and delete circulars to students, staff and coordinator he can also inspect database and view all the batches formed and also view attendance.

Module 2

Coordinator Privileges

He can issue, delete circulars to students and staff. Further can receive circulars from hod, allot staff members to each batch, download and approve files which are approved by the mentor of respective batch, manage attendance of every student, inspect database and finally can view all the batches formed.

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Module 3

Staff Privileges

Staff can download and approve the files uploaded by the students, receive circulars issued by hod and coordinator and issue and delete circulars to the batches allotted.

Module 4

Student Privileges

Student can form a batch by sending request to other peers, get notified by circulars issued by hod, coordinator and mentor, he can upload project files and get it approved by mentor.

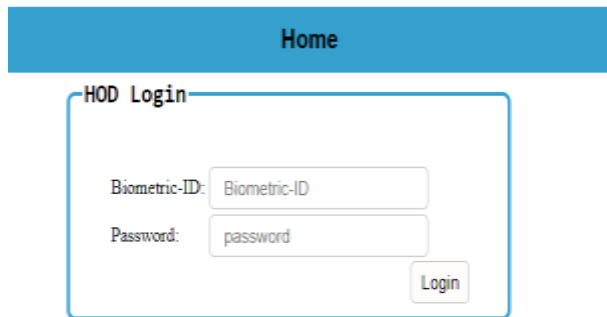
III. EXPERIMENTAL RESULTS

After conducting the simulation, the results obtained are as follows.



Snapshot 1: Home page

Here all the clients are allowed to access to their own profiles.



Snapshot 2: Login page

An existing client can login using their unique-ID and valid password. This page is common to all the clients-hod, coordinator, staff and students. A navigation to the home page is provided in the header.



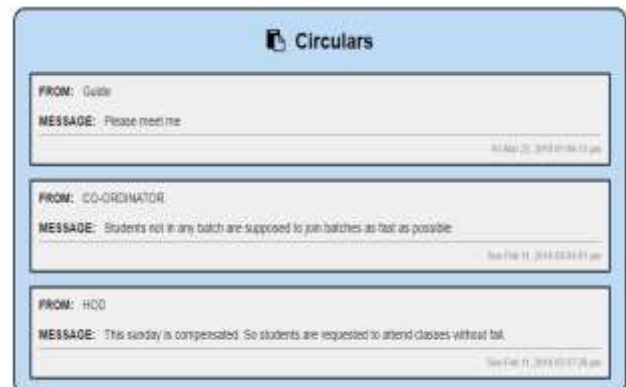
Snapshot 3: Registration page

Here a new user can register by providing his valid details. This page is common to both the staff and student.



Snapshot 4: Compose Circular

Hod has the privilege to send circulars to coordinator, staff and students. Coordinator can send circulars to staff and students. Staff can send circulars to students.



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Snapshot 5: View circulars

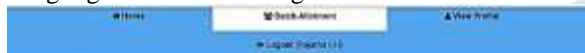
The circulars received to a client can be viewed. A student of a particular batch can upload file to the database and get verified by respective guide.



Batch ID:	10
Batch name:	Satish
Last name:	Reddy
Email ID:	esmp@redm.com
Registration:	Active
Qualification:	pid
Phone number:	9876543210
Address:	Hyderabad

Snapshot 6: View Profile

A client can view and update his profile details provided during registration. This is again common to all clients.



YOU HAVEN'T REGISTERED FOR ANY BATCH YET. CLICK ON HOME TAB TO CHECK FOR BATCH NOTIFICATIONS OR SEND A BATCH REQUEST TO AVAILABLE PEERS FROM THE TABLE BELOW.

USN	NAME
3vc18cc013	Rajatha CH
3vc18cc028	Kishor Kumar Marikal
3vc18cc053	ajaysh kalyani
3vc18cc077	Priya G
3vc18cc095	Satish R
3vc18cc118	rajeshkumarreddy

Be a Leader - Create a Batch

Send Notifications

USN 1:

USN 2:

USN 3:

Area of Interest:

Snapshot 7: Batch Allotment

A student can create a batch and send request to other peers or he can join in a batch by accepting request sent by peer if sent.

ID	Name	Email	Status	Action
1
2
3
4
5
6
7
8
9
10

Snapshot 8: Inspect database

A coordinator can inspect database (only registered users).



Snapshot 9: Submit File

A student can submit a file that can be verified by respective project guide (PDF, Word).

IV. CONCLUSION

In this paper we proposed a system that can be used for allotment of guides for the project and all the other activities related to the project. The website is an easy access tool that solves the problem of maintaining data. Based on the research and experimented results it is found that, this website can save time and also is accessible to all and hence implementation can be of greater help to the institutions.

V. FUTURE WORK

With a slight changes this system can be implemented to further support all the branches. This can be implemented using native languages to support for mobile devices for ease access. We are looking further to implement student discipline monitoring system.

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