

College Management System

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ABSTRACT

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This study aims to create an online Intranet College Management System (CMS) that is useful to either an institution of higher education or a university. The system (CMS) is an Intranet based application which will be accessed throughout the institution or a specified department. Students as well as staff logging in may access or search any of the knowledge regarding college. This technique (C.M.S) is being developed for an engineering college to take care of and facilitate easy accessibility to information. For this the users must be registered with the system after which they'll access yet modify data as per the permissions given to them. CMS is an intranet based application that aims at providing information to any or all the amount of management within a corporation. This method may be used as a knowledge/information management system for the college. For a given student/staff (technical/Non-technical) can access the system to either upload or download some information from the database.

Index Terms- College Management, Information, Notice,

I. INTRODUCTION

The title of the project is "COLLEGE MANAGEMENT SYSTEM" (CMS). CMS is defined as an application supported Intranet that aims in the slightest degree of management providing information within a company. This technique is used as an information management system for the faculty. For a given student/staff (Technical / Non-technical) the Administrator creates a login id & password, using these students/ staff (Technical / Non-technical) can access the system to either upload or download some information from the database.

The college management system is developed by using the Php Laravel and HTML,CSS. The main aim of this project is to develop a Website which covers all the main points of faculty like student profile, teacher profile, day to day notices, posts, notes, Bus fees, College Fees, sports. All the information associated with college, staff and students is securely stored on a MySQL database which is managed by the faculty administrator. The system utilises the authentication, each sub activity has authentication allowing the authorised users to login within the system to make or update information within the particular activity. The staff can submit requests for the leave thus reducing the time interval. The

appliance reduced the time needed to access and deliver the scholar records to users.

College Management system is an integrated Website that handles various academic or nonacademic activities of school. The system can be accessed by every student/faculties/employee of the school through the internet with help of android mobiles with their email id and password. Every user in the college management system has a different home page with their respective levels like student has the various levels and teacher has the various levels. The displayed menu allows the user to access the various options of the application provided to him.

II. LITERATURE SURVEY

College management system assists in modifying the prevailing system to site based system. This is a paperless work. They are often monitored and controlled remotely. It reduces the manpower required. It always provides accurate information. Malpractice is often reduced. All gathered and further information are often saved and may be accessed at any time. The info which is stored within the project helps in taking intelligent and quick decisions by the management. So it's better to possess a Web-Based Information Management system. All the stakeholders, staff members can get the specified information without delay. This method is crucial within the colleges/hostels and universities. In [6] authors reviewed the privacy issues related to data mining by using a user-role based methodology. They differentiated four different user roles that are commonly involved in data mining applications, i.e. data provider, data collector, data miner and decision maker. Each user role has its own privacy concerns Online College Management System assists in automating the existing manual system. This is often a paperless work. It can be monitored and controlled remotely. It reduces the person power required. It always provides accurate information. Malpractice may be reduced. All years together gathered

information may be saved and may be accessed at any time. The data which is stored within the repository helps in taking intelligent decisions by the management. So it's better to have an internet Based Information Management system. All the stakeholders, faculty and management can get the required information at once. This method is essential within colleges/hostels and universities.

III. OBJECTIVE

The major goal of this project is to create an online platform for students and faculty to view activity linked to college. The primary goal of this project is to create an Web application that contains all of the information about the college, such as student profiles, teacher profiles, academic events, student attendance, bus fees, college fees, and sports. The college administrator manages the database, which stores all data pertaining to the college, faculty, and students.

IV. WORKFLOW

❖ Admin

● Admin Registration

The registration of the HOD, staff members, and teaching faculty is the initial stage in this application. For registration, the individual will submit his or her phone's email address and password. The admin would then send a link via email address on gmail.

● Admin Controls

Admin can control profiles of faculty and students, he has the power to add, delete or modify their profiles.

● Admin Login

The administrator can log in after registration. He or she can now go to the admin webpage and upload notices. He can also upload posts and notes.

- Upload Notice

In this section admin can upload, modify and delete notices regarding college academics or ongoing events.

- Upload Post

This module is like a social media app where the admin can manage this section where he can delete or modify the posts by students or faculty.

- Chat module

This module can be used by admin to communicate with faculty and students. This communication will be end-to-end encrypted.

- Upload Notes

In this section admin can upload, modify and delete notes regarding college academics, placement, competitive exams, study materials.

- Payment

Admin can manage all the transactions between students and the college.

- ❖ Faculty/ Teaching Staff

- Faculty Registration

For registration, the individual will submit his or her email address and password. The admin would then send a link via email address on gmail.

- Upload Notice

Faculty can add, alter, and delete notices about college academics or upcoming activities in this section.

- Upload Post

In this module faculty can add, delete or alter posts regarding recent achievements, sports related activities or cultural programs.

- Chat module

Faculty can use this chat module to communicate with other teachers and students.

- Upload Notes

Faculty can upload, alter, and delete notes about college academics, placement, competitive tests, and study resources in this section.

- ❖ Students

- Students Registration

Students have to register by entering his or her email address and password during registration. The administrator would then send a link to his/her mail address.

- View Notice

Students can view notices about college academics or upcoming activities in this section.

- Upload Post

Students can upload, edit or delete posts related to accomplishments, sporting events, or cultural programmes.

- Chat module

This chat feature allows students to communicate with teachers.

- Upload Notes

Students can upload, modify, delete and view notes about college academics, placement, competitive tests, and study resources in this section.

- Payment

Students can use payment options to pay college fees, exam fees or bus fees, etc.

V. SYSTEM ARCHITECTURE

This system has three functional components: administration, students, and faculty. To access the information, both the faculty and the student must login. The administrator has the highest priority in this system.

The primary job of the administrator is to add faculty and administer the database dashboard. The employee receives the login credentials from the administrator. The main role of a student is to create an account and log in to the system. After logging in, students may access a variety of menus to do tasks linked to their profile, such as seeing notices, viewing notes, viewing posts, etc.

Faculty module has been subdivided further. The basic purpose of the faculty module is to login to the system and perform tasks relevant to their profile.

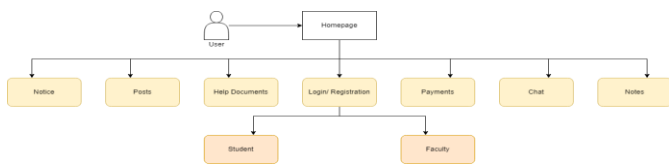
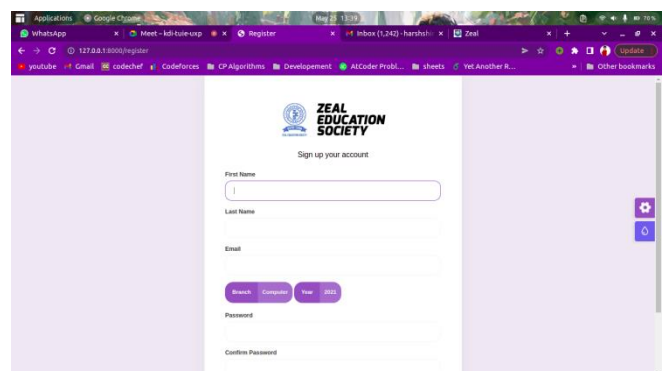
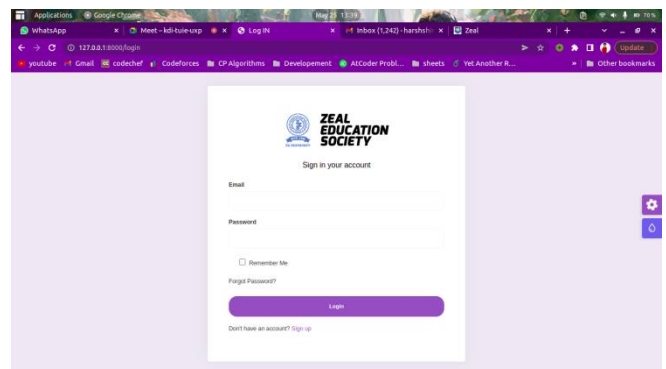
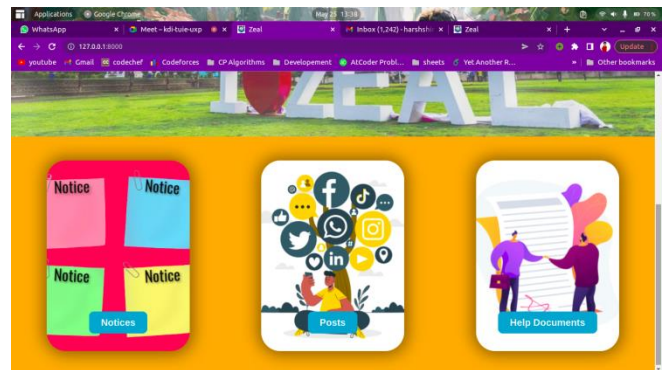
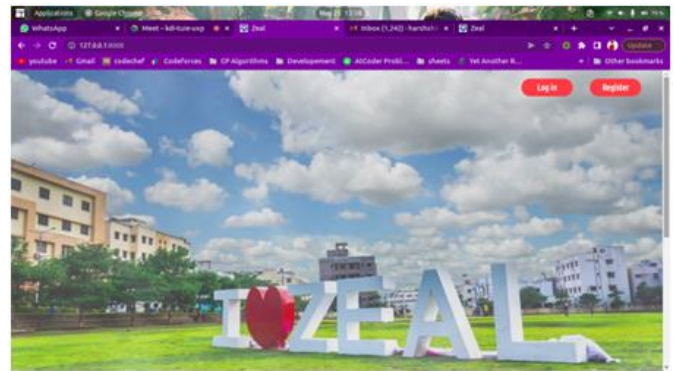


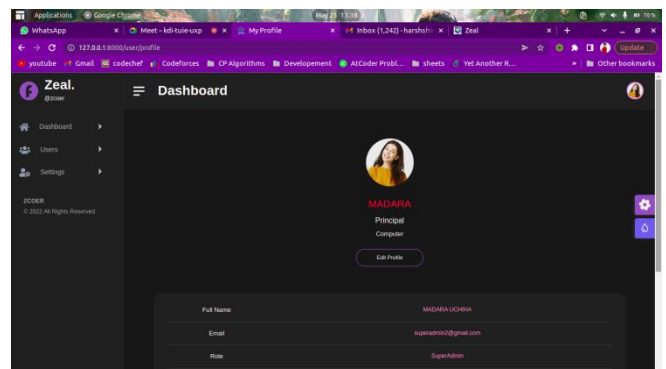
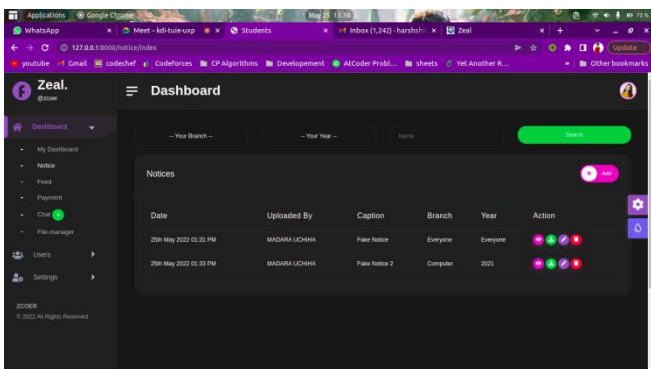
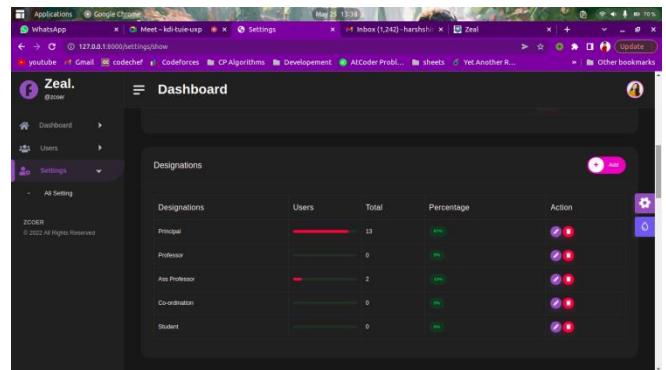
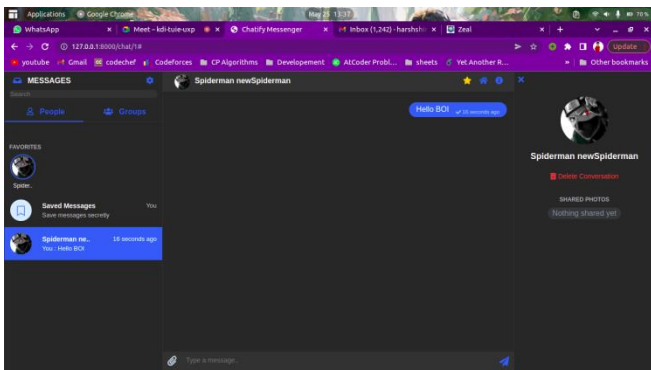
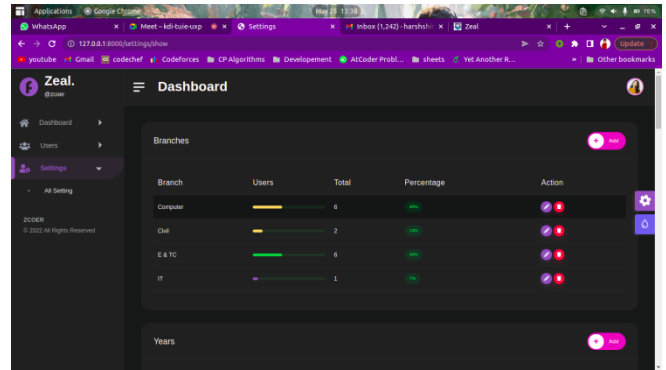
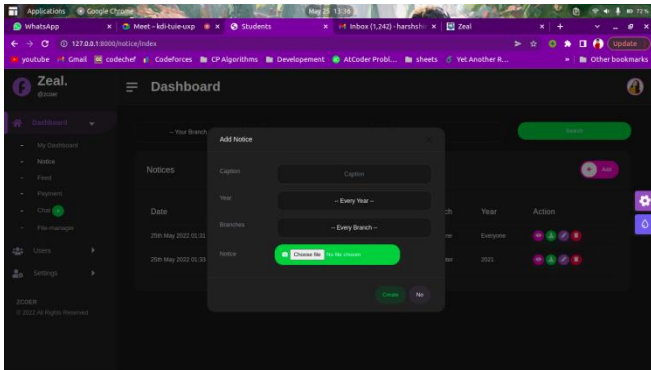
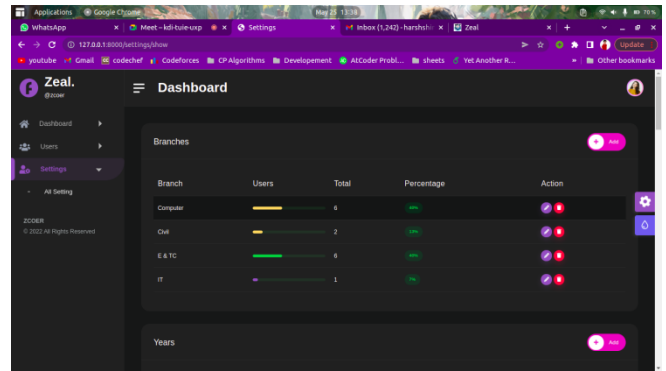
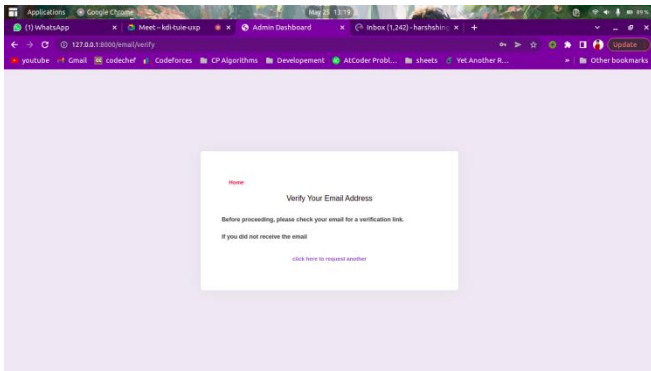
FIG. 1 SYSTEM ARCHITECTURE

VI. SYSTEM REQUIREMENT

System	:	Pentium IV or above.
RAM	:	1GB or above.
Hard Disk	:	10GB or above.
Operating System	:	Windows.
Web Browser	:	Chrome, Firefox etc.

VII. OUTPUT





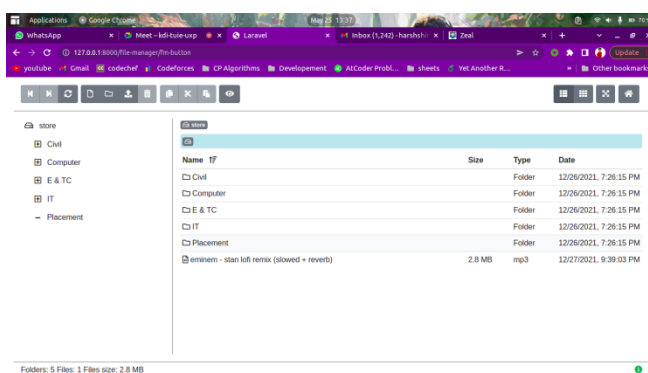
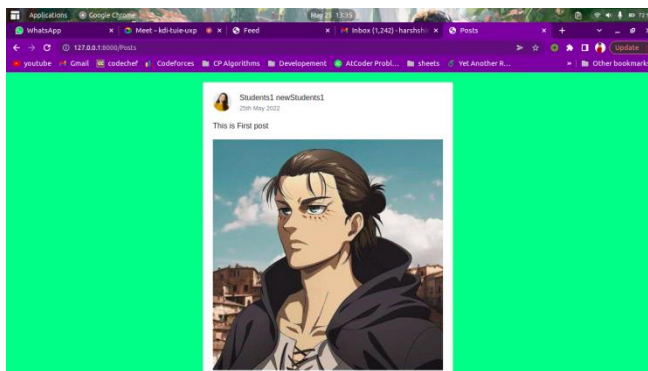
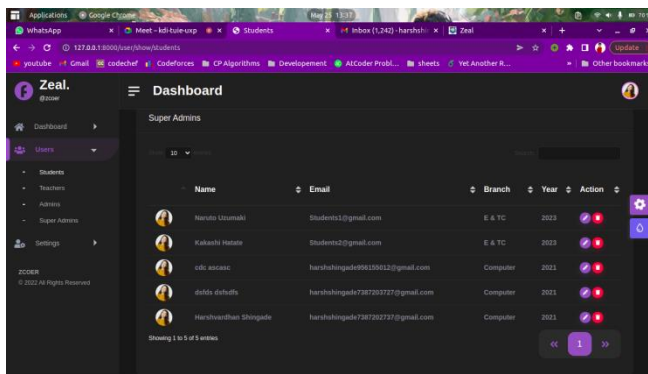
IX. CONCLUSION

The College Management System project is a system that deals with challenges specific to a certain college. This project has been completed with all of the features specified in the system requirements specification.

The application presents users with relevant information based on the service they have selected. The project is created with a college's day-to-day challenges in mind.

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