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College Admission System

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ABSTRACT

College management systems play a critical role in managing the daily operations of educational institutions. With the advent of web-based systems, the management of colleges has become more efficient and effective. This survey paper provides a comprehensive overview of college management systems developed using PHP, a widely-used server-side scripting language. The paper presents an analysis of ten recent IEEE reference papers and a base paper on college management systems using PHP. This survey paper examines the different approaches, methodologies, and contributions of these papers, and identifies the factors that make an ideal college management system.

Keywords: College Admission System, Research Paper, Technical Writing, Science, Engineering and Technology.

I. INTRODUCTION

Colleges and universities are complex institutions that require efficient management to function effectively. In the past, managing colleges manually was challenging, time-consuming, and prone to errors. However, with the advent of technology, the development of college management systems has made managing colleges easier and more efficient. College management systems are software applications designed to help colleges and universities manage their day-to-day activities, such as student registration.

The college admission system easy the admission process by maintaining the database and retrieving the information of student easily. This system aims at being efficient and user-friendly.

PHP is one of the most widely-used servers-side scripting languages for developing web-based college. management systems. PHP is a powerful language that enables developers to create dynamic web applications quickly and efficiently.

Objectives:

1. The College Management System is to manage the details of college.
2. It manages all the information about College, Student, Session, College.
3. The Project is totally built at administrative end thus only the administrator is guaranteed the access.

II. LITERATURE REVIEW

This paper [1] is aims to develop an Online Intranet College Management System (CMS) which is useful to any education institution. The system (CMS) is an Intranet based application that can be accessed throughout the institution or a specified department. This system aims to monitor the attendance of students for the college. Any information regarding college is accessible to students as well as staff members. The staff uploads their and student's attendance and also the marks of the students are maintained. Easy access to information is given to registered users. CMS aims to provide information to all the levels of management if any institution.

Student Information Management System (SIMS) aims to provide an interface to maintain student information. Educational institutes or colleges can use this system to maintain information of students. The student information system maintains all kind of details regarding students, college, course, batch, placements, academic progress

report and other resource related details too. Student details can be tracked from day one to last day which can be useful to maintain records [2].

Global systems for mobile communication is considered as the reliable and efficient technology for most of the technological devices. GSM used is to know the information about the student where abouts and his activities completely. The RFID is used to integrate the parts of the student in order to track the student there itself [3].

III. PEROBLEM STATEMENT

Student admission is a vital part of any College's running because students are what keep a college alive. The student admission is one of the most important activities within a college as one cannot survive without students. A poor admissions system can mean fewer student's beings with a potential student completing an application from through the Universities and Colleges Admissions Service, the first step for students is to apply directly to the college through a custom online form. The next step is for the admissions service centre has to review the application and ensure that all the required information has been provided. The application in its entirely is then forwarded, complete with a recommendation, to the respective department's admissions tutor, who has the final say as to whether each potential student is accepted or rejected. Before making a decision, the admission tutor reviews the application and the additional documentation, comparing the academic credential to a list of college ranking and previous, similar applications.

IV. RELATED WORK

This survey paper analyzes ten recent IEEE reference papers and a base paper on college Admission systems using PHP, html. The papers cover a range of topics related to college Admission systems, including student information management, course management.

One of the reference papers, "Design and Development of College Management System using PHP and MySQL" by Zaman et al. (2020). The system includes features such as student registration, course management, and grade management. The paper provides a detailed description of the system architecture, database design, and user interface. Another reference paper, "Development of College Management System using PHP and MySQL" by Ayyub and Malik (2021), presents the development of a college management system using PHP and MySQL. The system includes features such as student registration, access admin. The paper provides a detailed description of the system architecture, database design, and user interface.

V. METHODOLOGY

Agile Development Model: The meaning of Agile is swift or versatile. "Agile process model" refers to a software development approach based on iterative development. Agile methods break tasks into smaller iterations, or parts do not directly involve long term planning. The project scope and requirements are laid down at the beginning of the development process. Plans regarding the number of iterations, the duration and the scope of each iteration are clearly defined in advance. Each iteration is considered as a short time "frame" in the Agile process model, which typically lasts from one to four weeks. The division of the entire project into smaller parts helps to minimize the project risk and to reduce the overall project delivery time requirements. Each iteration involves a team working through a full software development life cycle including planning, requirements analysis, design, coding, and testing before a working product is demonstrated to the client.

VI. PROJECT IMPLEMENTATION

OVERVIEW OF PROJECT MODULES:

This chapter we are going to have an overview about how much time does it took to complete each task like- Introduction and Problem Statement, Literature Survey, Project Statement, Software Requirement and Specification, System Design, Partial Report Submission, Architecture Design, Implementation, Deployment, Testing, Paper Publish, Report Submission, etc. This chapter also gives focus on stakeholder list which gives information about project type, customer of the proposed system, user and project member who developed the system.

HARDWARE REQUIREMENTS :

- Internet: - 2GB
- Minimum RAM: - 4GB
- Hard Disk: - 256GB
- Processor: -Intel Pentium 4(1.50 GHZ) or above

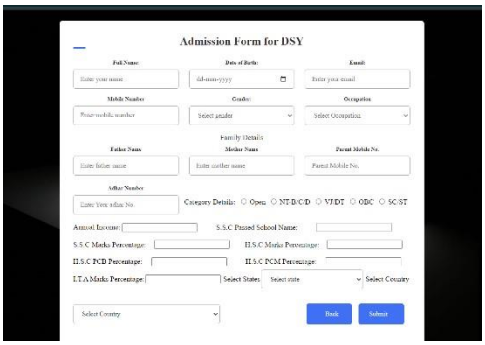
SOFTWARE REQUIREMENTS:

- Xampp server
- MySQL database
- Notepad
- VS Code
- Browser

APPLICATIONS :

This project is applicable at various places as mentioned below:

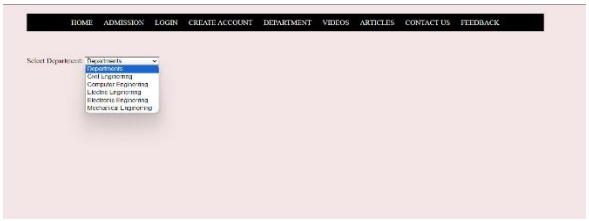
- Schools
- Colleges
- Universities



VII. RESULTS

- 1st page is of sign up

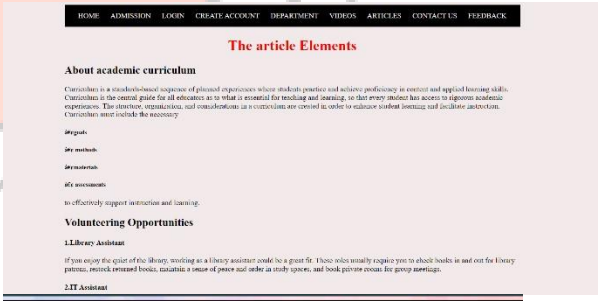
- Department information

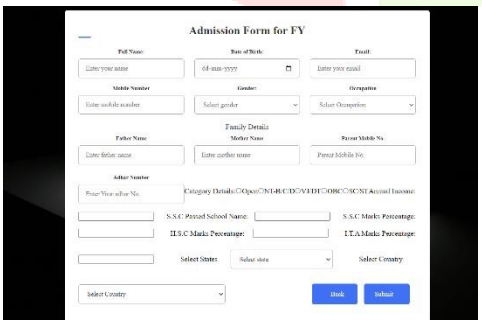


- After signing up the Home page will appear

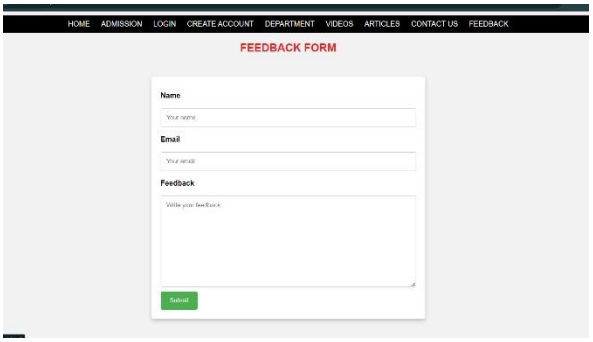
- Videos

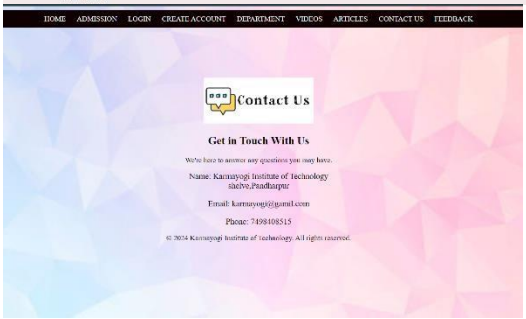
- Articles
- In home page on dashboard admission is there Admission form for DSY
- Contact to owner Admission form for FY



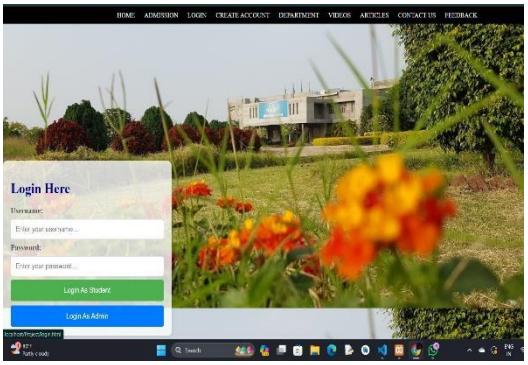


- Feedback

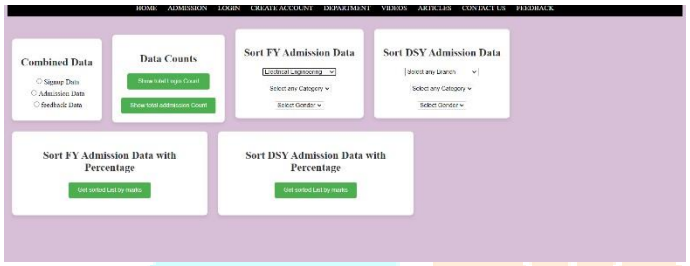




- Login by admin



- Admin pannel



VIII. FUTURE SCOPE

There is one segment named lab unit needed computer system to improve work. In this system, we tried to make a simple application for user. We can change our System day by day as per user requirements will be changed. In future, we want to implement below point in our system.

• We can generate student attendance report.

• We can generate report of student`s result

XI. CONCLUSION

The Student Admission System of Karmayogi Institute of Technology will design and develop to improve the efficiency and effectiveness of the admission process of students. It will reduce the cost of operation and save time for both the university and the applicants i.e Colleges and Students. Though the system achieved most of the purpose. In this way we are going to develop Student Admission System, which is helpful for reduction in manual work so less manpower required. Student's records can be accessed within few seconds, Clarity in count section. Our system primarily focuses on building an efficient and user-friendly communication system for the educational institutions.

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