



Admission Management System

Lokare Sujata¹, Gajare Dipali², Chavan Pratiksha³, Lamkane Sanket⁴, Shirgire Ajit⁵

Department of Computer Technology, Karmayogi Institute Technology (Poly), Pandharpur, Maharashtra

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

The Admission Management System enables the student to fill application forms online and submit it. They also submit their necessary documents like passport size photograph, certificates and mark sheets along with the identity proof. The Admin can view the application forms and can approve or disapprove them. He can submit the marks of the students. If it is approved, an email will be sent to the Student's email ID and the admit card can be downloaded from the student's account. The students can further view their results. This system helps in reducing the manual efforts and consumes less time.

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. Efficiently manage applicant data, which includes personal information, academic records, and supporting documents.
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

Admission benefits the students and the administration in achieving its communication gap. The gap between them will be reduced with the help of online admission. It reduces the work for pen and paper and it will bring in great comfort for the students who apply for the college admission. Instead of standing in line to collect application and submit the filled form it's easy for the students submit all the documents along with the filled application form through online. Mwapashua H. Fujo and Mussa Ally Dida paper entitled "web based admission system for advanced level private schools". This paper looks into the challenges faced by the students and the administration the time of admission. This paper concludes that 93% of schools is undergoing the admission process through pen and paper manually [1]. 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 [2].

III. PROBLEM STATEMENT

Many institutions still rely on manual paperwork and data entry, leading to errors, inefficiency, and time-consuming processes. During admission periods, institutions often receive a high volume of applications, making it challenging to manage and process them efficiently. Keeping applicants and their parents informed about admission status, requirements, and deadlines can be challenging without an organized communication system. Determining fair and transparent admission criteria that align with the institution's goals and values can be a complex task. The application in its entirety 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 Admission management 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 Admission 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 Admission Management System using PHP and MySQL" by Ayyub and Malik (2021), presents the development of a admission management system using PHP and MySQL. 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. 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 :

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

SOFTWARE REQUIREMENTS:

- Back-end connectivity:Xampp server
- Back-end: PHP,MySQL database
- VS Code
- Browser

APPLICATIONS :

This project is applicable at various places as mentioned below:

- Schools
- Colleges
- Universities

VII. RESULTS

1st page is



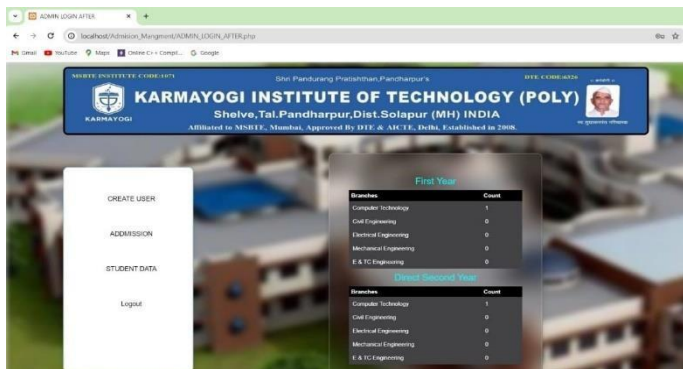
Admin module



Student Data



We can select year or branch for student



User Login



Select Year First Year or Direct Second Year



User Register



Admission form



User module



When user want to see student filled data



Select Year

When select First Year then display First year student data



User can update this data



- We can generate report of student`s result

IX. CONCLUSION

In this way we are going to develop Admission Management System, which minimize the time required for the manual admission process system. Records of the students can be produced easily in a short span of time. Workflow of the process will lead to efficiency and will be user friendly. Our system primarily focuses on building an efficient and user-friendly communication system for the educational institutions.

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.

X.REFERNCE:

[1]Web based Student Information Management System – S.R. Bharamagoudarl, Geeta R.B.2, S.G. Totad, International Journal of Advanced Research in Computer and Communication Engineering Vol. 2, Issue 6, June 2013.

[2] Mwapashua H. Fujo and Mussa Ally Dida paper “web based admission system for private schools”, 2018.

