

Intranet Based Student Profile Management System

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Abstract — Over recent years, the performance and efficiency of the education industry have been enhanced by using the Student Information System (SIS). It is a solution tool that is designed to track, maintain and manage all the data of students generated by management . These systems work to coordinate scheduling and communications between faculty regarding students. It enhances the overall performance of students to improve academic performance by constantly monitoring your pace. The advanced features of SIS are centralized databases for information management, rolebased access helps them keep the information secure. To implement SIS, it is an intranet based network that can, only be accessed by the staff of the particular organization .It can be regarded as the simplest version of the internet. This system is user-friendly and it works very efficiently.

Keywords— Intranet Based Student Management System(ISMS); Intranet, PHP, MYSQL.

I. INTRODUCTION

All student information system works by storing and tracking all student data from the time of admission and enrollment till the time of pass out. This includes personal information, details of classes and lectures, behavioral data, assignment and exam performance, and more...It is a private network that makes use of the Intranet protocol to share any part of an organization's data. College Staff are able to directly access all aspects of a students academic progress through a secure, online interface embedded in the college's website This system provides a simple interface for the maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using online student information management system. This paper mainly focuses on the managing the information of the students, faculty, placement cell information, exam section, related

information of the college which is maintained by the college administration through various levels of controlling.

II. DATA ANALYSIS:

In data analysis, Students get an overview of how data science is used in business and finance. The term domain knowledge is used to refer to the general background knowledge of the field or environment to which the methods of data science are being applied. Domain names are a key part of the Internet infrastructure. They provide a human-readable address for any web server available on the Internet. Any Internet-connected computer can be reached through a public IP address, either an IPv4 address. This project is aimed at developing an online intranet student management system that is of importance to an college. Students or Staff logging should be able to upload any kind of technical information. Students or Staffs logging in may also access or search any information. The Student Management System is a web-based system, which provides a platform for students and the staff of an organization or institution to upload any kind of technical or course related data

A. Requirement Analysis

1) Functional Requirements

Intranet based student profile management system aims to improve the efficiency of college information management, and the main function is managing and maintaining information . The administrator and students are two major functional requirements in the system. The Administrator will be given more powers(enable/disable/ update) than other users. It will be ensured that the information entered is of the correct format.

For example: name cannot contain numbers in case, if incorrect form of information is added, the user will be asked to fill the information again. Students use the system to query and enter their information only.

B. Non- Functional Requirements

Safety Requirements: The database may get crashed at any certain time due to virus or operating system failure. Therefore, it is required to take the database backup

Security Requirements: Intranet software for college should provide secure data's. It allows a team to communicate more effectively. This software gives staff to share their ideas and give feedback. Intranet software for management should be flexible enough to allow you to input information in any format. Additionally, intranets can quickly deliver content

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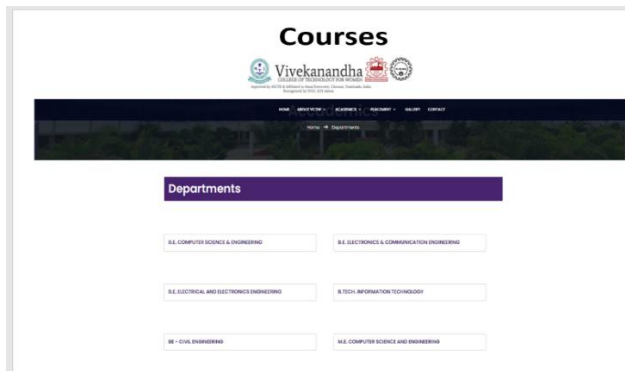
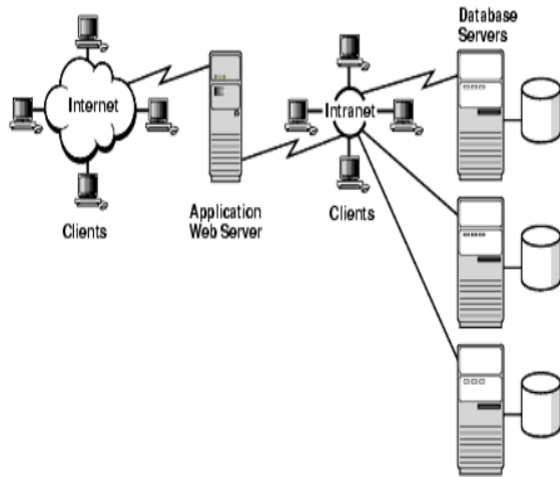
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through software so staff members remain up to date no matter where they are or what time it is.

III. SYSTEM DESIGN:

3.1 Modules of Student Management System: The system has a different segment to process a specific task, which is the modules. This will help the system to develop easily and make it more user-friendly.



3.1.1 User Module :Users can view college details, users can apply for admission through online mode.Students can apply for any events like workshops, conferences online, anywhere.Users can view about available departments

3.1.2 Course Module -Each student will be able to select various coursepresent in the system. It will be published by the administrator under the specific department.

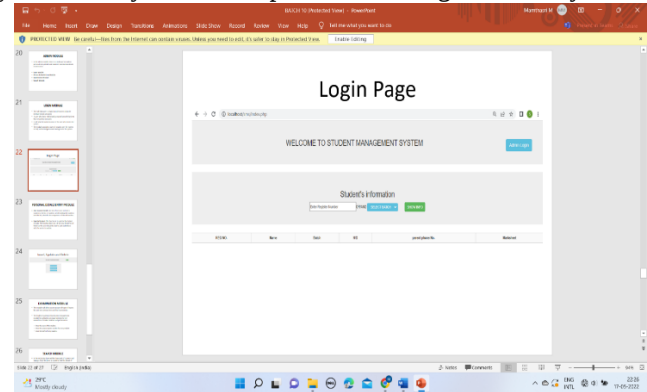
Every course has the qualification criteria, it will be available to those students who are eligible for it. The student will pick the course from the given choices according to his/her interest. It will be added to their professional information details. All the courses will be handled by the department assigned to them by the administrator.

IV. ADMIN MODULE

In the admin module, there is an incharge for student personal entry details and students' examination details maintenance

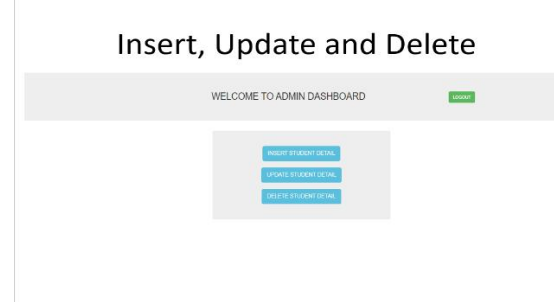
4.1 Login Module:This will help users to login into the system using the institute id and password. A user who has a valid id and password can only log in to their respective

accounts . It will help the authentication of the user who enters the system .The module provides a layer of security over the system as only authorized personnelcan login into thesystem



4.2 Personal details Entry Module:

- Add Student Details: Get data from user and add a student to the list of students. While adding the students into the list, check for the uniqueness of the roll number.
- Update Student: This function is to update the student records. This function does not ask for new details for all fields but the user should be able to pick and choose what he wants to update.



4.3 Examination Module:This module will allow you to manage all types of exams, like unit test, internal test and final examination.The Student Academics Examination Management module for colleges is an important task for the evaluation of student abilities and performance.

- Store the name of the student.
- Store the unique register number for every student.
- Store the CGPA of every student

4.4 Search Module:

In the institution there will be thousands of students and suppose from this there is a need to find the details of specific students. The only information provided to search is the name of the student. In the manual system, it will be catastrophic to find the student as it is a very tedious job to do so. But with the computerized system, the admin can easily find the specific student by just typing the name and clicking the search button.This module will help the admin in searching for the student records for alteration and maintenance.

V.BENEFITS OF INTRANET BASED STUDENT PROFILE MANAGEMENT SYSTEM :

- Easy Report Generation- The software helps to generate reports easily in required formats

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- Data Search and Retrieval- The system can help users to find and retrieve student's data over a few click.
 - High Data Storage- The system stores large amounts of data without hampering its functioning.
 - Role-Based Access- The software offers role-based access to the teachers, students, and parents

VI. CONCLUSION

In this project, we proposed to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work. Security of data, ensure data accuracy's, proper control of the higher officials, Minimize manual data entry, Minimum time needed for various processing, Better service.

VII. REFERENCE

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