Online College Management System

Ajinkya Mahajan[1],Nikhil Dongare[2], Jatin Bhasin[3], Abhiraj Thawali[4], Ketan Puraswani[5], Dr.Chetan Shelke[6]

[12345]Department of Computer Science, SGBAU University, Amravati
[6]Head of IT Department, P.R.Pote College, Amravati

Abstract- This project is based on COLLEGE MANAGEMENT SYSTEM. It manages the college information, student information, placement information, various different types of event going on in our college . It also keeps track records of all the information regarding students those who are placed in the various organizations. It has a notice board which contains information about various cultural or technical or any sports which is supposed to be held soon. With the help of this project, you can view the previous videos with the help of internet connection this paper is aimed at developing an Online Intranet College Management System (CMS) that is of importance to either an educational institution or a college.

The system (CMS) is an Intranet based application that can be accessed throughout the institution or a specified department. This system may be used for monitoring attendance for the college. Students as well as staffs logging in may also access or can be search any of the information regarding college. Attendance of the staff and students as well as marks of the students will be updated by staff. This system (C.M.S) is being developed for an engineering college to maintain and facilitate easy access to information. For this the users must be registered with the system after which they can access as well as modify data as per the permissions given to them. CMS is an intranet based application that aims at providing information to all the levels of management within an organization. This system can 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.

Keywords- CMS, AMS

I.   INTRODUCTION

The title of the project is "COLLEGE MANAGEMENT SYSTEM FOR COLLEGE" (CMS). CMS is defined as an application based on Intranet that aims to all the levels of management providing information within an organization. This system can be used as a information management system for the college. For a given student/staff (Technical / Non-technical) the Administrator creates login id & password, using these student/ staff (Technical / Non-technical) can access the system to either upload or download some information from the database. The front-end will be HTML pages for client side validation with Java Script where as all business logics will be in Java reside at middle layer. third layer of database will be interacted with these layers, which would be Oracle database. The web server would be Tomcat 5.5 version. Server have Tomcat5.5 as web server is required to start working on this project environment like Java Runtime Environment (JRE) as development environment and Oracle10g as database   The project is divided into 6 scenarios; each scenario can be developed independently. And knowledge of Java with oracle10g is desirable to execute this project. This College Management System project developed using PHP programming language with Wordpress. The main aim of this project is to develop an online website which covers all the details of college i.e.; Student attendance details, Event details, Students fees transaction details, Marks details, Photo gallery, etc. Admin is the Super user of this project. All the record stores in MySQL Database. The proposed software will also reduce the cumbersome paperwork, manual labour as well as communication cost.

II.   OBJECTIVES

This is a web oriented application allows us to access the whole information about the college, staffs, students, facilities etc. This application provides a virtual tour of Campus. Here we will get the latest information about the students and staffs. This generic application designed for assisting the students of an institute regarding information on the courses, subjects, classes, assignments, grades and timetable. It also provides support that a faculty can also check about his daily schedule, can upload assignments, and notices to the students. Here administrator will manage the accounts of the student and faculties, makes the timetable, and upload the latest information about the campus.

1.   To make the College Internal Management on easy
2.   To Provide Students Daily Updates and their attendance
3.   To update the timetable of the daily lectures
4.   To keep record of student from admission to Getting TC of the student
5.   To make the Library Management and to show online Books Availability

III.   PRAPOSED SYSTEM

•   A Person Should be able to login to the system through the first page of the Application.
•   The Administrator can create users as per user requirement.
•   Admin can upload the data for a particular Student. On successful completion of upload, user (Student/Parent/Faculty) can view reports.
•   A general user will have access to see the status of particular Student id number.
•   Student (user) can use all the facilities, same as which are provided to him in the college.
•   Student can see attendance, notices, grades, report and other facilities in updated manner.

• There will be a separate page for every student as his account in which he can get notices, attendance, grades, assignments etc.

• Parent can just view the record of student with the username and password provided.

• Faculty can give the attendances and notices for the students.

• The administrator verifies all these reports and generates them for users to view them.

Graphical user interface:

In the flexibility of the uses the interface has been developed a graphics concept in mind, associated through a browser interface. The GUI'S at the top level have been categorized as

1. Administrative user interface
2. The operational or generic user interface

The administrative user interface concentrates on the consistent information that is practically, part of the organizational activities and which needs proper authentication for the data collection. The interfaces help the administrations with all the transactional states like Data insertion, Data deletion and Date updation along with the extensive data search capabilities.

The operational or generic user interface helps the users upon the system in transactions through the existing data and required services. The operational user interface also helps the ordinary users in managing their own information helps the ordinary users in managing their own information in a customized manner as per the assisted flexibilities.

Modules

The system after careful analysis has been identified to be presented with the following modules:

The modules involved are:

1. College information: Through this service one can access the complete information about the college campus such as courses available, admission procedure, placements, college events, achievements etc.

2. Student tracking: Any company or any organization that want to check the summary about the student of the college, so that they will be able to choose the particular students for their campus placement And for that purpose they will be given a particular link through which they can access the information required.

3. Student attendance status: It gives the attendance status of students. Faculty will update the attendance periodically and can be seen by students and parents.

4. Student's performance in exams: This facility provides the performance of the student in each exam which is conducted by university or college such as midterm performance. Marks obtained by students in exams will be updated by faculties that can be access by students and parents.

5. Exam Notification: This facility notifies students and parents about examination schedule.

6. Events: it will give information about different events that will be conducted by college time to time. Information about these events will be updated by administrator.

7. Online assignments: This service provides the facility to faculty to upload assignments and to students to submit these assignments online.

8. Information about staff: It will help in maintaining complete information about college faculty members such as their department, cadre, date of joining, salary, etc. Administrator will register new faculties and remove their account when they leave the college

IV. CONCULSION

This Project assists in modifying the existing system to site based system. This is a paperless work. It can be monitored and controlled remotely. It reduces the manpower required. It provides accurate information always. Malpractice can be reduced. All gathered and extra information can be saved and can be accessed at any time. The data which is stored in the project helps in taking intelligent and quick decisions by the management. So it is better to have a Web-Based Information Management system. All the stakeholders, Staff members can get the desired information without delay. This system is essential in the colleges/hostels and universities

The project entitled as College Management System is the system that deals with the issues related to a particular institution.

• This project is successfully implemented with all the features mentioned in system requirements specification.

• The application provides appropriate information to users according to the chosen service.

• The project is designed keeping in view the day to day problems faced by a college

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