

College Management System

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Abstract: *This project is aimed at developing an Online Intranet College Management System that is of importance 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 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 with in an organization. This system can be used as a knowledge/information management system for the college. For a given student/staff can access the system to either upload or download some information from the database.*

Keywords: Online Exam System, Relational Database

I. INTRODUCTION

The "College Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. College Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

1.1 Objective

The main objective of the Project on College Management System is to manage the details of College, Course, Batch, Faculty, Students. It manages all the information about College, Exam, Students, College. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the College, Course, Exam, Batch. It tracks all the details about the Batch, Faculty, Students

II. LIERATURE REVIEW

Half of the educational institutions in developing countries following the traditional method of managing information system with stand-alone computer machines and store data in different departmentalsystem due to lack of infrastructure. On these systems, the software implemented do not integrate processes and cannot interact to each other. In these kinds of system implementation no concept of service architecture being used.

- [1]. This system is aimed at developing an Online Intranet College Management System (CMS) that is of importance to either an educational institution or a college.
- [2]. College Enterprise Resource Planning System using RFID tags and to host the same on cloud. The main motive of the project is to provide full automation to the user

- [3]. M-ERP application will integrate all the business functions like Recording attendance, Student information etc. in a single system and database. M-ERP promising the possibility of convenient, easy and safe way to handle business functions of college.
- [4]. Some systems make the module more efficient and platform independent application by using MVC design pattern. Due to use of MVC design pattern the presentation, business, database connection logic is separated from each other.

III. MAIN FUNCTION

3.1 Main Modules of the System

- Campus Information: This module gives the information about Buildings/Blocks: It contains the information about the total number of blocks present in the campus and also, the number of rooms present in each block.
- Laboratories: This gives the information about the number of laboratories present in each department. Buses: This gives the count of the buses deployed by the management.

3.2 Administration

This module deals mainly with,

- Admission: This mainly deals registering the students/staff and assigning them with a login id and password.
- Accounts: This keeps track of the financial details of the college.
- Hostel: It gives information about the college hostel for both boys and girls.
- Bus Routes: This maintains the route details of the buses.

3.3 Department Information

This module gives the information about,

- Course: This contains the information about the number of the courses offered by the college and number of seats present in each.
- Staff: This contains the number of staff available in each department.
- Infrastructure: This has the details of the assets allotted for each department.
- Syllabus: This provides the academic syllabus of the students from different branches. Staff Information: This module deals mainly with,
- Profile: This provides personal details of the staff.
- Attendance: This provides the staff with his/her attendance details
- Salary: This provides the staff with his/her salary details.
- Feedback: This feature enables the staff to provide feedbacks to the management.
- View Student Details: This provides the staff to view the student details.

3.4 Student Information

This module gives information about,

- Profile: This provides personal details of the student.
- Attendance: This provides the student with his/her attendance details.
- Marks: This provides the internal/external marks of a student.
- Feedback: This feature enables the student to provide feedbacks to the management.
- Remarks: It contains the remarks written by the faculties about a student.
- Change Password: Provides the student to change his/her password. Examination Branch: This module contains the information about, International Journal of Computer Applications (0975 – 888

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