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College Management System using Java: A Review

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ABSTRACT: This process is based on COLLEGE MANAGEMENT SYSTEM. College management system is helpful for students as well as the colleges. In the existing system all the activities are done manually. It is very time consuming. It manages the college information, student information, Admission management, Attendance management and various different types of events going on in our college. In our proposed system, the data will be stored in the college server. To store the data SQL server will be used. The Admin, Faculty or the student should be a register user. It has secure login features, and also allows login through Facebook and Google. It also provides basic features like changing password, changing profile picture, retrieving forgotten password. In all, it is an all in one application which has all the features to solve the basic problems of college students.

KEYWORDS: -Notifications; Education System; Database; Browser, college management, information system, document management system etc. All the record stores in MySQL Database. The proposed software will also reduce the cumbersome paperwork, manual labour as well as communication cost.

I. INTRODUCTION

1. 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.
2. 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.

II. RELATED WORK

In this paper, 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.[1]

In this paper, this project is based on COLLEGE MANAGEMENT SYSTEM. It manages the college information, student information, placement information, various different types of events going on in our college. It also keeps track records of all the information regarding students those who are placed in the various 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.[2]

In this paper, this project is based on COLLEGE MANAGEMENT SYSTEM. College management system application provides the simple interface for maintenance of student information, staff information and college related information. It can be used by colleges to maintain the records of all students and different staffs of different department. The student module of application deals with all kind of student related details like student profile, batch details, result details, attendance details, progress details. It will also have the various academic notification to the all staff and student updated by college administration. The faculty of particular department is responsible for updating the



assignments, updating the attendance of every student, updating the notification related to department. Also the faculty has facility to submit request for leave.[3]

In this paper, Breeze is a new Android Application which provides a common, easy to use platform for college students for better interaction with fellow students, faculty and administration.

This work has unique and helpful feature of queries, where students can put up their queries and anyone can answer their queries. For keeping a check over inappropriate posts a feature of report is also provided which tells admin about inappropriate posts and actions could be taken over it accordingly. It also provides user a help option which helps user with any information regarding labs, faculty and lecture halls. Breeze also provides a platform where user can view daily updates of his attendance and syllabus. Breeze app works fluently as it is based on online database system firebase. It has secure login features, and also allows login through Facebook and Google.[4]

In this paper, In this paper, we propose a design for college student management system utilizing computer aided system, which can play an important role in college management. Firstly, we organize our proposed college student management System Thirdly, functional module design for college student management system is provided, in which three types of users are designed in this system, that is, students, teachers and managers.[5]

In this Paper, The College Management System Using Python Programming aims at maintaining the several documents of the students studying in an institution. The various details of the students relating to their personal information, tuition fees, library related information and information regarding their semester marks, are efficiently stored, organized and accessed through the respective Databases, thereby reducing the chances of discrepancies in the stored data. The project is implemented through Python Programming, by writing the source code in a Code Editor such as Visual Studio Code and the code gets automatically executed in a Runtime Environment.[6]

In this Paper, Smart College Management system is an android based application which is the new technical way to manage all department related jobs. Smart Collage management system is helpful for students as well as the colleges. In the existing system all the activities are done manually. It is very costly and time consuming. In our proposed system, students can view results using Android phones. The data will be stored in the college server. To store the data SQL server will be used. The Admin, Faculty or the student should be a register user. The faculty can login into their college account through the app itself and update the academic result like internal exam marks obtained by the students. In this system students have easy access for viewing the marks, The application will check user authentications. Students are not permitted to manipulate any data.

The proposed work has two modules: A. Student B. Teacher C. Admin. In the student's module, students need to register their university registration number, college registration number, student name. Admin module maintains the student's marks of internal college exams. Other than this the advanced features are: In case of natural calamities such as floods, etc. Notification to students will be sent from admin office through app directly. Any new notice for a particular semester will be uploaded by professor through application notifying to respective semester students. [7]

III. CONCLUSION

The project entitled as College Management System is the system that deals with the information of all student details System leads to instant updates for all student anywhere physical. It's also connected to parent about the ongoing progress in college. 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. The system will greatly simplify and speed the management process. It will describe the paper work. The admin, faculty or the student will perform all the task very easily and more convenience way. The system offers reliability, security, time savings and easy control. The proposed system will describe the work time of the admin as well as the faculty. This will bring more perfection to the work.



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