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COLLEGE RECORD ANALYSIS AND MONITORING

AbhangKajal Dilip, RodeArati Kachar, Bhor Poonam Vilas, Mr. Jadhav V.V.
Computer Engineering, Jaihind Polytechnic, Kuran, India

ABSTRACT

This section introduces Department Data Management System. This project focus on the maintenance and manipulation of college data in sorted way i.e. department-wise. So one can easily maintain and get all information of a particular department of a college.

KEYWORDS College, course,subjects,HOD.

INTRODUCTION

The College Record Analysis And Monitoring Applications for maintain the college data. This project will form the basis for further design and development of the manipulating on the project. The purpose of the Department Data Management System is to view and maintain all information of various departments in well-organized way.

 Student performance, attendance in a particular subject or all the subjects is expressed. The system is the java based system and uses MySQL as the database.

Currently the analysis of the college is carried out manually .This type of analysis is a complicated work and requires a lot of time. Also there are chances of some mistakes as it is manually done.

Problem Statement:

The problem is to provide the complete information about the college Analysis and monitoring. In which the college staff , Departments ,Teacher Profile ,Admissions reports and getting knowledge of student attendance, remarks, exams performances, grandest.

Scope of project:

This project will restrict itself to documenting all business requirements for College data. The document will also help in the developmentanddesign of the project. The document will represent flow of the application. The scope of the project is to provide a user friendly arrangement of college and department data.

Problems in existing system:

* It was limited to a single system.
* It was not more user-friendly.
* It have a lot of manual work (Manual system does not mean that we are working with paper and pen, it also include working on spread sheets and other simple software's)
* It requires more number of employees need to work.
* It was time consuming system.
* The present system was very less secure.
* It is not able to generate different kinds of report.

Solution for these problems:

* We development the new application that contains the following activities, which try to automate the entire college analysis & monitoring process keeping in view of the database integration approach

MATERIALS AND METHODS

Following are the different modules of our projects-

Login Page:

It will be start page for website. Login can be done only by admin.

Select Department:

Admin has to select the particular department of which he/she wants to insert or view data.

Home:

After selecting the department admin now redirected to Home Page where different section's links are present (e.g., lab section faculty section, student section) through which admin can able to view all information regarding the particular section of the respective department . He /she can also add information related to selected department.

Lab Section:
Admin can view equipment details (such as no. of equipment in a lab, cost etc.) of a particular lab of selected department. She/he can also edit (add or subtract) details of lab data.

Faculty Section:
In this section all information about all faculties in a particular department can be inserted and can be view.

Student Section:
In this section all information like result of students in a particular department and attendance of students semesterwise and subject wise of selected department can be edited and can be view.

Department Curriculum Information:
In this section information regarding semester wise department's lectures details could be viewed and also inserted.

Department Admission Details:
One can view the required information of admission details in a particular batch of all years of a particular department.
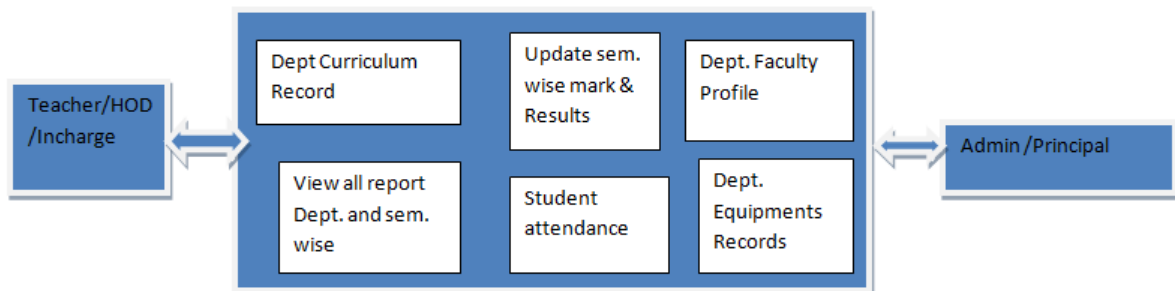
Figure:

Figure: *Data Flow OF Projects*

CONCLUSION
In this paper, we presented the College Analysis and monitoring system web applications for college that gives all report to principal with one click. That may be semester wise or yearly also.

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