ATTENDANCE MANAGEMENT SYSTEM

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ABSTRACT:

The manual attendance management has been carried in our institutes. To overcome the problems of manual attendance, we have developed" web based attendance Management System ". Attendance management system is specifically developed keeping in mind the needs and requirement for the flawless functioning of a institute.

The attendance management system is to provide details of student , manage attendance of student and generate defaulters. The system calculates automatically, the attendance percentage of student. It enhance the communication process among students and Faculty.

INTRODUCTION

The manual attendance system is unsecure and unreliable. The students can able to make changes in manual records.
Even if the student is absent he can mark as present.
In attendance management system the data will be stored automatically with the help of software. Student will not able to make changes in it. The student cannot access the admin page as username and password is assigned only for admin. The attendance management system consist homepage which provides way for students, faculty and other users to access the system. Every user of the system has unique username and password. The attendance of the student will be display on the page of the staff and staff will mark absent or present. The attendance management system also contains internal assessment and all students can see its marks in that page. Defaulter list can also be displayed after every month. The project also contain staff details such as name of staff , subject allocated to staff.
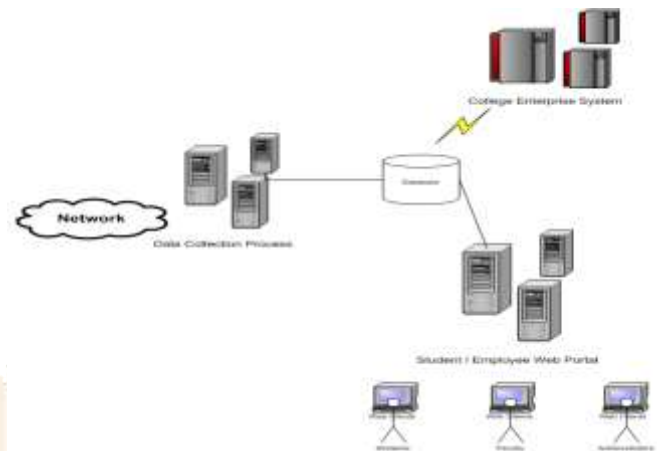
THE USER'S EXPECTATION

Fig 1: User Expectation

PURPOSE OF SYSTEM

The main characteristics of our developed system is that it is fully responsive and flexible. It can be accessed from any computer no matter where you are. The main purpose of attendance management project is to provide details of student , manage attendance of students. It made easy to access attendance record of a particular student.

OBJECTIVES

➢ Eliminate duplicate data entry and error s in time and attendance entries.

➢ Eliminate paper work and save time.

➢ Automatic calculation of attendance

➢ Allow for the electronic collection of student attendance data

TECHNOLOGY:

- We have used PHP,HTML, CSS and JavaScript for making the website.

- For saving the data we have used MySQL database

- Web interface for students / faculty

- The entire website executes on the XAMPP server

- To access the website we can use any type of web browser.

SYSTEM USERS

- ➢ **System Administrators**
  - **System Administrators imports Students data, Faculty data, Subject and Lab data**
  - **System Administrators assign Subject and Lab load to faculty**
  - **Approve or disapprove Register Faculty.**
  - **Generate Defaulter lists.**

- ➢ **Faculty Scenarios**
  - **Faculty inputs attendance information**
  - **Faculty inputs Internal assessment information**
  - **Faculty views class attendance for his/her class**
  - **Faculty views Internal assessment for his/her class**
- ➢ **Student Scenarios**
  - **Check the attendance of multiple lectures**

EXISTING SYSTEM

The Existing system is a manual entry for the Faculty. Here the attendance will be carried out in the registers. Maintaining the records is a very hectic job for the Faculty. The recorded information is difficult to preserve and it also create the problem's for the last counting of attendance i.e. defaulter list.

PROPOSED SYSTEM

The system consists of two actors one is Admin and another is Faculty. Admin is a super user who can create any Faculty, Student. Faculty user can able to update an Attendance   and internal assessment information . The purpose is to computerize the tradition way of taking attendance and automatically generating the report .
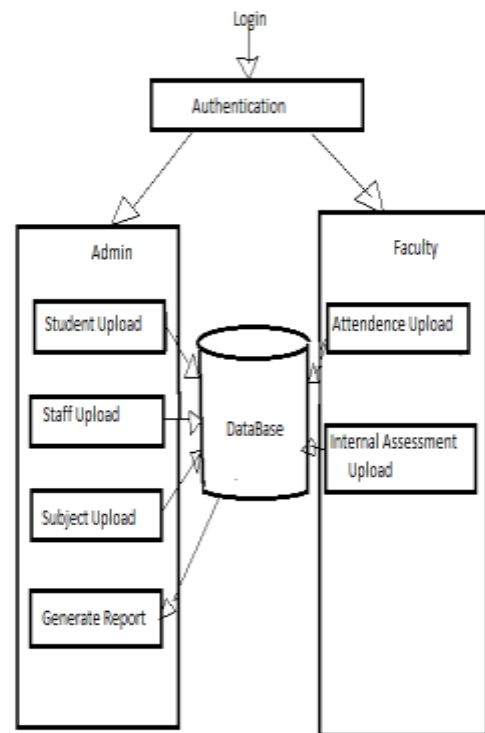
SYSTEM ARCHITECTURE

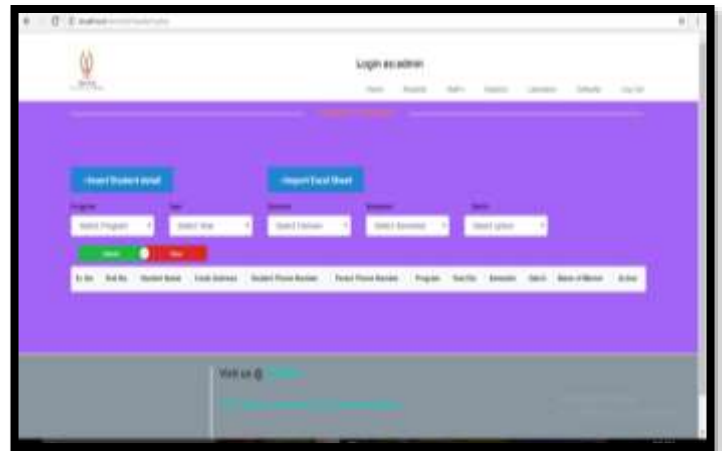

Fig 2: System Architecture

<home Screen>

This is the Home screen of the proposed system which consists of seven buttons. In order to go to the desired screen ; the users just have to click there late button.

By clicking the Home, Students, Teachers , Subjects , Monthly Report, Overall Report, Do Attendance ,and the Log Out buttons ,the irrespective screens will appear.

LOGIN

Before entering into the system (homepage), the user must login , for this purpose the login page is created. This login form is made for security purpose i.e. only, i.e. either administrator or the user.
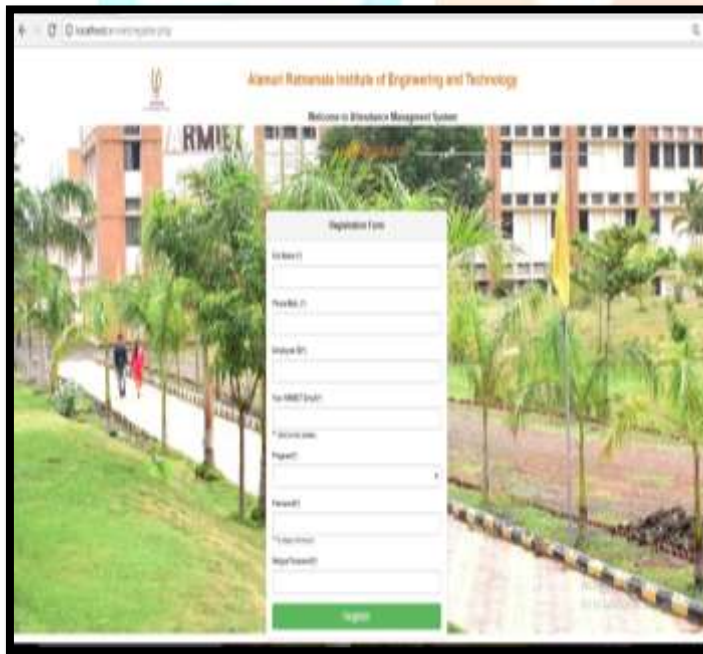
LOGOUT

By clicking the Log Out button the user is redirected into the Login page, which has described. Button is used for deleting there cord

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NEWREGISTRATION

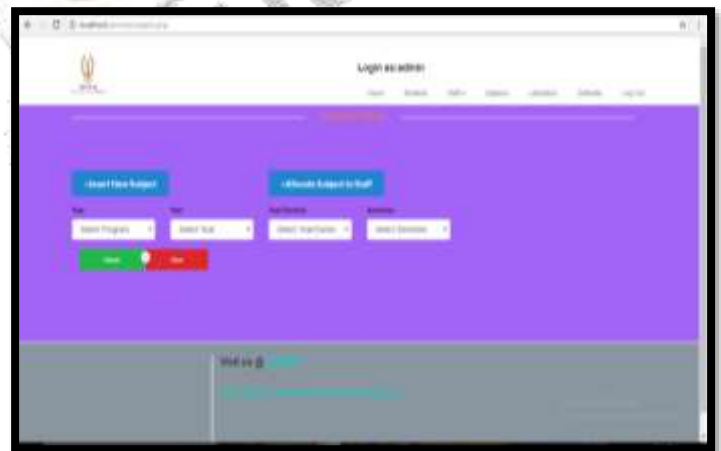New registration can be done through filling the following form.

STUDENTS

This is the student screen which provide s information about student's data such as Student Name, DOB, Gender ,Email, Phone, Address, Session, Program, and Semester in the form of rows and columns. The Insert button enables the user to enter new entries similarly Update button enables the user to edit/modify, whereas, Delete button is used for deleting there cord.

TEACHER

This is the screen which provides records of teachers, such as first name, last name, DOB, Gender, email, Phone, Degree, Salary, and Address. There is also an insert button through which we can insert new entries for teachers.

SUBJECT

This screen provides information related to subjects such as subject no, subject name, teacher name, program and the semester. By clicking the insert button we can easily insert a new entry of the subject.

CONCLUSION

This system will reduce the delay in work. Records can be easily updated. The time consumed is reduced. The information which is

stored in the database can be accessed any time by using this system there will be no wastage of resources in colleges.

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