# School Management System

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*Abstract*
*School Management System is a large database system which can be used for managing your school's day to day business. School Management System allows users to store almost all of their school's information electronically, including information on students, properties, teaching meteorites etc.*
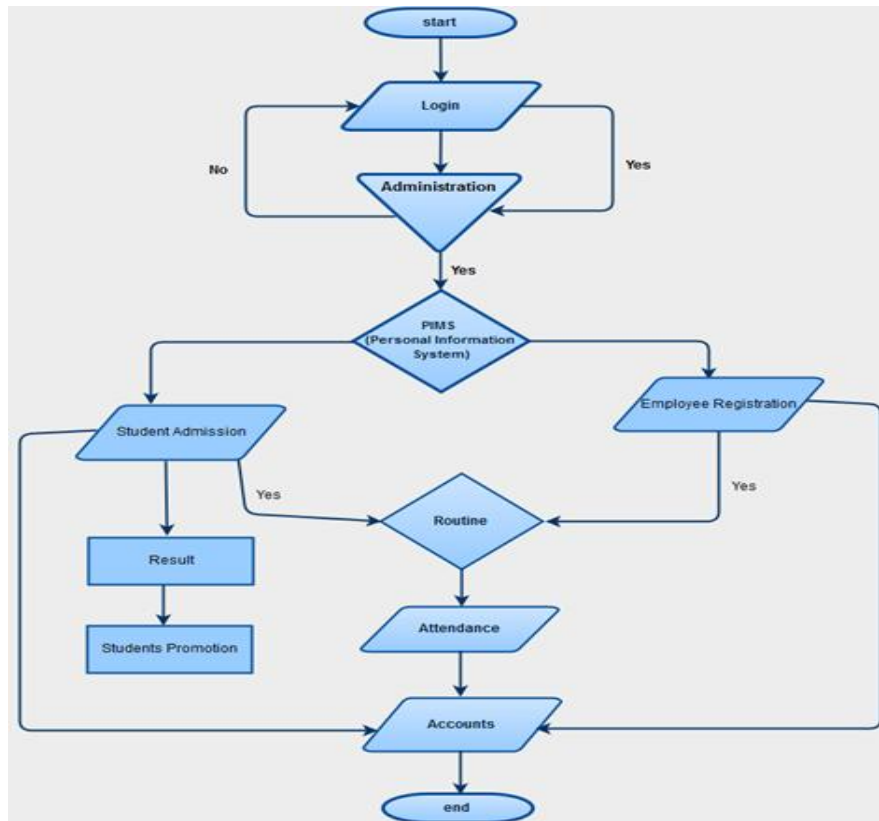*Keywords: PHP, MySQL, Java Script ,HTML.*

## I. INTRODUCTION

Now a day's education plays a great role in development of any country. Many of education organizations try to increase education quality. One of the aspects of this improvement is managing of school resources. Education Management System carried on by any individual or institution engaged in providing a services to students, teachers, guardians and other persons are intermediary that performs one or more of the following functionalities – Student Admission, Employee Registration, Student List, Employee List, Student Attendance, Employee Attendance, Student Routine, Result Management, Payroll & Accounts. School Management System (SMS) is such a service which provides all services for an educational institute to make your life easier and faster by assuring its performance. Easy User Management System, Easy Admission Process, Easy Attendance System. SMS is a system that will provide you a bird's eye view of the functioning of the entire educational institution. It is a management information system helps to manage the different processes in an educational institution like General Administration, Staff Management, Academics, Student Management, and Accounts etc. The information is made using the latest technologies and help's to make decision making a lot faster, effective and easier than ever before. Also helps to improve the overall quality of education of the institution. We use database and database technology are having a major impact on the growing use of computers. The implementation of the system was done using Java Script, CSS, PHP, HTML.

In a nutshell, School Management Software managed your education institution by simplifying and automating processes and addressing the needs of all stakeholders helping them to be more efficient in their respective roles.

### 1.1.1 Literature Review
**Login Page:**
We created a user login page where the user needs to enter his/her username and password to sign in. If the user forgets his/her password he/she can simply click on the forget password link which will redirect them to a page where they can create new password and then login.

If you are a new user you can click on the sign up and register yourself as a new user and then sign in.

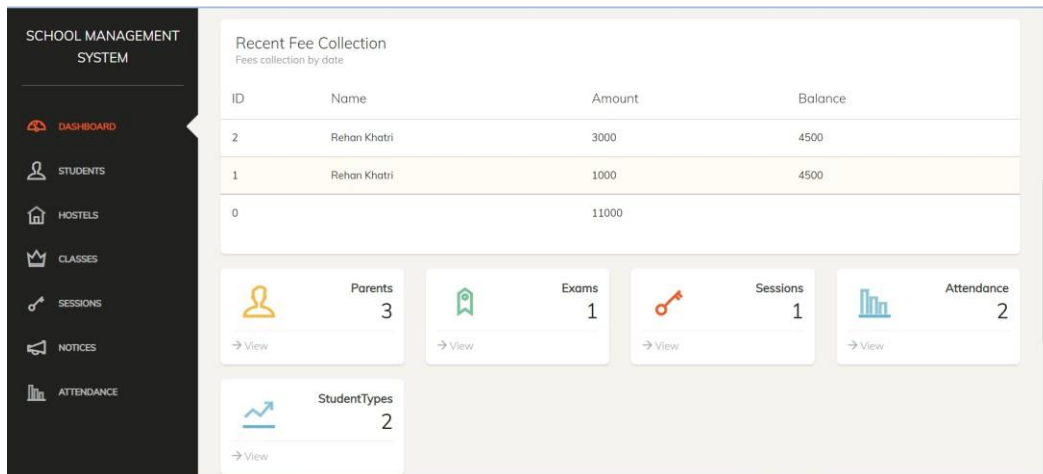Note: Sign in is for old user and sign up is for new user.
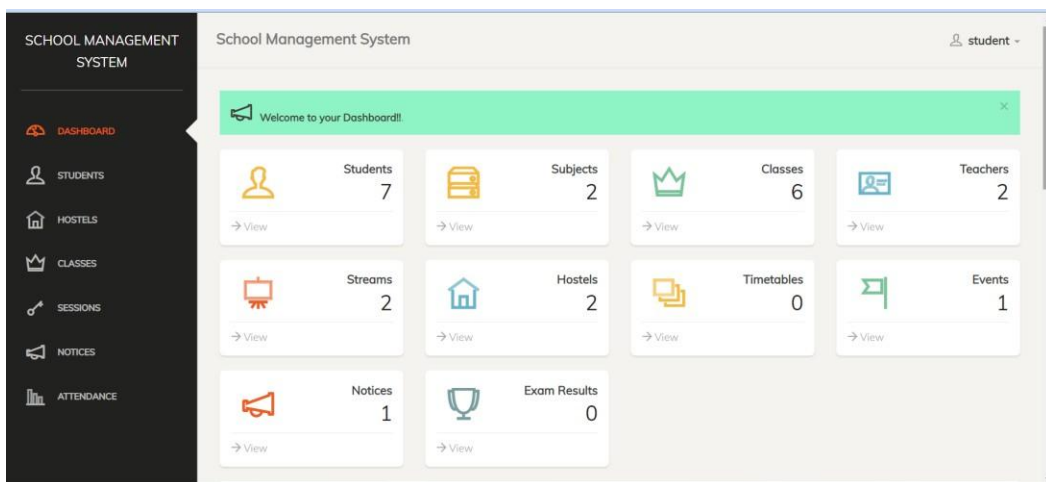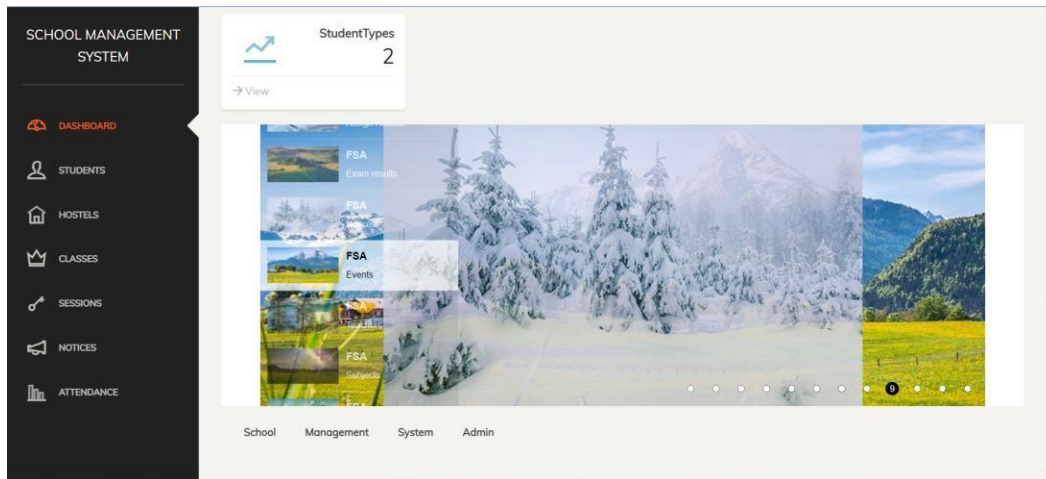


**UI (User Interface):**
**Student/Teacher:**
In the user interface, first a dashboard is displayed with different modules for the user to use, recent fee status of the student is displayed and some images of school events are displayed at the end of the screen to make it more attractive. A application menu bar is displayed at the left of the screen for navigation.

There is total 12 modules in this application:

- Students
  -In this module the student will be able to see details of all the students but won't be able to edit it or add a new student detail.
- Subjects
  -List of subjects is displayed.
- Classes
  -List of classes is displayed.
- Teachers
  -List of teachers and their details are displayed.
- Streams
  -List of streams are displayed.
- Hostels
  -List of hostels with their availability status is displayed.
- Timetables
  -Yearly/termly timetable is displayed.
- Events
  -List of events or camps are displayed with their details.
- Notices
  -List of notices/announcement with their details are displayed.
- Exam Results
- Parents
  -Name of parents with their contact details and address is displayed.
- Exams
- Sessions
- Attendance
- Student Types
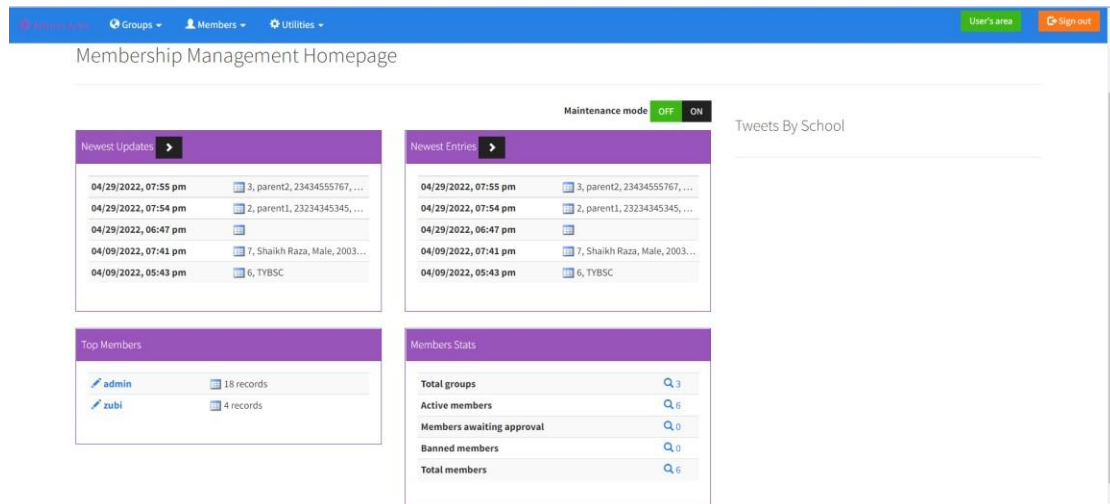  -Student types are student categories like general, open, etc.

**Admin:**

A system administrator, or sysadmin, or admin is a person who is responsible for the upkeep, configuration, and reliable operation of computer systems, especially multi-user computers, such as servers.

Admin interface includes the following:
- Newest updated
- Newest entries
- Top members
- Member stats
- Maintenance mode

**Languages used:**
HTML (Hypertext Markup Language) is the code that is used to structure a web page and its content.
We have Java Script for frontend Interactivity .
Php is used in backend to fetch and display data from database.

For Example:
 The popup in our application is displayed by Java Script, the     design of the popup that is displayed is by Html, and the data that is displayed is fetched from the database using PHP.

### 1.1.2   Objective
The objective of this whole system is to reduce human work and to keep the data safe and organized. To manage the details of students, classes, teachers, accommodation. Our system can work with any school, it is a simple system that is easy to understand and manage.

## II.   CONCLUSION
Student management systems make faculty jobs more accessible by giving them an easy place to find and sort information. This system allows teachers and student managers to follow with their student engagement. The idea is to create a scenario that makes the lives of administration and teachers easier.

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