

# MIS based School Administration System

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**Abstract:** This paper is aimed to develop MIS Based School Administration System, which is a Web-Based Application. Every school has many tasks to perform. So in order to perform all the tasks in a controlled and systematic manner, we need to automate and accomplish all work with the help of easy decision-making system. This software gives many facilities to a user to manage all administrative works of a school such as student management, staff management, and Scheduling etc. It also gives the facility to generate certificates for student, parent, and staff of the school. This system helps to reduce the paperwork.

The system provides an innovative solution for Today's school record-keeping challenges. This web-based application used for school/institutes for handling regular administrative & clerical work. Flow of application is, one can easily manage and maintain its student details, staff details, Exam details. Using this system finding student information is just a few clicks away, which might have cost hours or even days. This proposed system design provides security, reliability and maximum accuracy of the information in a efficient manner. School Management is intended to automate almost every aspect of operations and day-to-day activities of the School.

In this paper, we propose a visionary model of a school management system and explain the functionality of the benefits of web-based school management.

**Index Terms:** MIS, School administration System, web services, Web Application

## I. INTRODUCTION

The current school administration or all official works are undergoing by manually keeping record on the paper; it is a time-consuming process for all the employees of school who participate in this process and it also increases the workload on them. Our work MIS based School Administration System is a web application that performs the administration task by few clicks. The system has different user interface like admin, staff, Student; system uses the authentication of system user and shows only the required information/sub interface to individual's works. In Admin user interface the admin perform their duties as per their authority level in school i.e. the super admin can create new admin and assign them the permission of work to new admin like financial work, transportation work, certificate issue etc. In Staff user interface perform the attendance management, performance evaluation of student, provide study materials to student, In Student/Parent user interface student can see his/her attendance, performance, timetable and also homework. System stores up-to-date data in database and quickly gives response to the user about any information of any academic year at point of time. The system accomplish each and every requirement of school administration and it is user friendly web application hence anyone who don't have knowledge can also easily use the system. PHP implements the functionality and interface of system and Apache is used as a web server.

## II. PROBLEM STATEMENT

The current school administration or all official works are undergoing by manually keeping record on the paper; it is a time-consuming process so that design and implement the administration system who can replace the paper work, decrease time needed for administration, remove the workload and also securely store the up-to-date data.

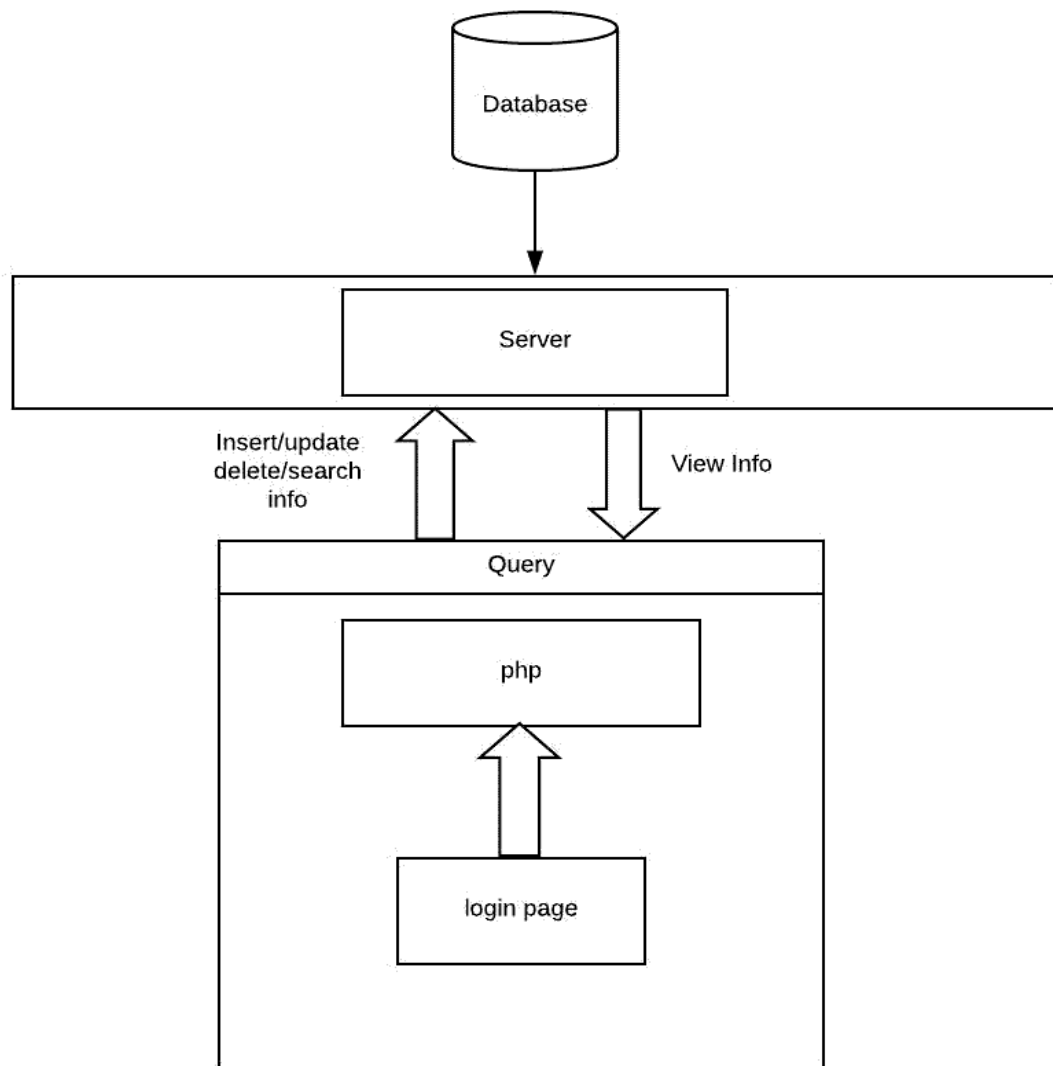
## I. LITERATURE REVIEW

. [Majlinda Fetaji](#), [Bekim Fetaji](#), [Armend Ajredini](#), [Mirlinda Ebibi](#) was published the paper which is based on the Electronic school management system-SMS is the system that perform the administration school, keep the accurate record of the student regarded to their attendance, general behavior, grade or their performance. Parent of student get up to date report of their child progress in school. And also that system provides some functionality like registration of student and staff online, easily maintains the student attendance and grading and also generates the report. System also provides the facility to send message to parent about any meeting, event held in school. It provide the web service based on electronic model[1].

[Han Cuiping](#) has developed Design and implementation of student management system of educational management system. Universities educational management System. This is a information management system that provide the backend database and frontend application program. They used the c#, asp.net for creating the interface and SQL server2000 for database management, ADO.NET for connectivity. The system is developed for college management. They provide main the five functionality i.e. System management, student registration, course management, computer grade examination management. The main function is for all students, providing them with a teaching management platform to facilitate the management of personal information and co-operate a variety of the teaching mission of schools[2].

## II. SYSTEM ARCHITECTURE

The proposed system is a web application of school administration. This web application designed and implemented by using PHP and the Aapache is uesd as a web server. The system access gives through a login page which is designed and it's functionality is implemented in php. After login, the user can fire the query by using interface and perform realtive action with database like if user insert some information, the it is added in database or if user want some information, then it also gives to user from database.



System Architecture

## III. DESCRIPTION OF MODULES

The system has four module.

### Login Module:

Login page provides three logins to the system i.e. Admin, Staff, Student.

### Admin Module:

- The main admin can create new admin and assign the permission to them.
- Admin can update or add the school details.
- Admin can admit the student into school.
- Admin keeps record of all student and staff of school.
- Admin issue the certificate to the student.
- Admin keeps the financial record of school.
- Admin keeps transportation details.

- Admin takes decision of examination.
- Admin handle the HRD department.

#### Staff Module:

- Staff can view their profile.
- Staff can get/use the transport information.
- Staff can keep the track of student attendance.
- Staff can view their own timetable.
- Staff can upload the assignment, Study materials for student.
- Staff can view/make the notice

#### Student/parent Module:

- Student can view their profile.
- Student can view their attendance.
- Student can view assignment, study material uploaded by teacher.
- Student can view their timetable.
- Student can view holiday details and any other notice.

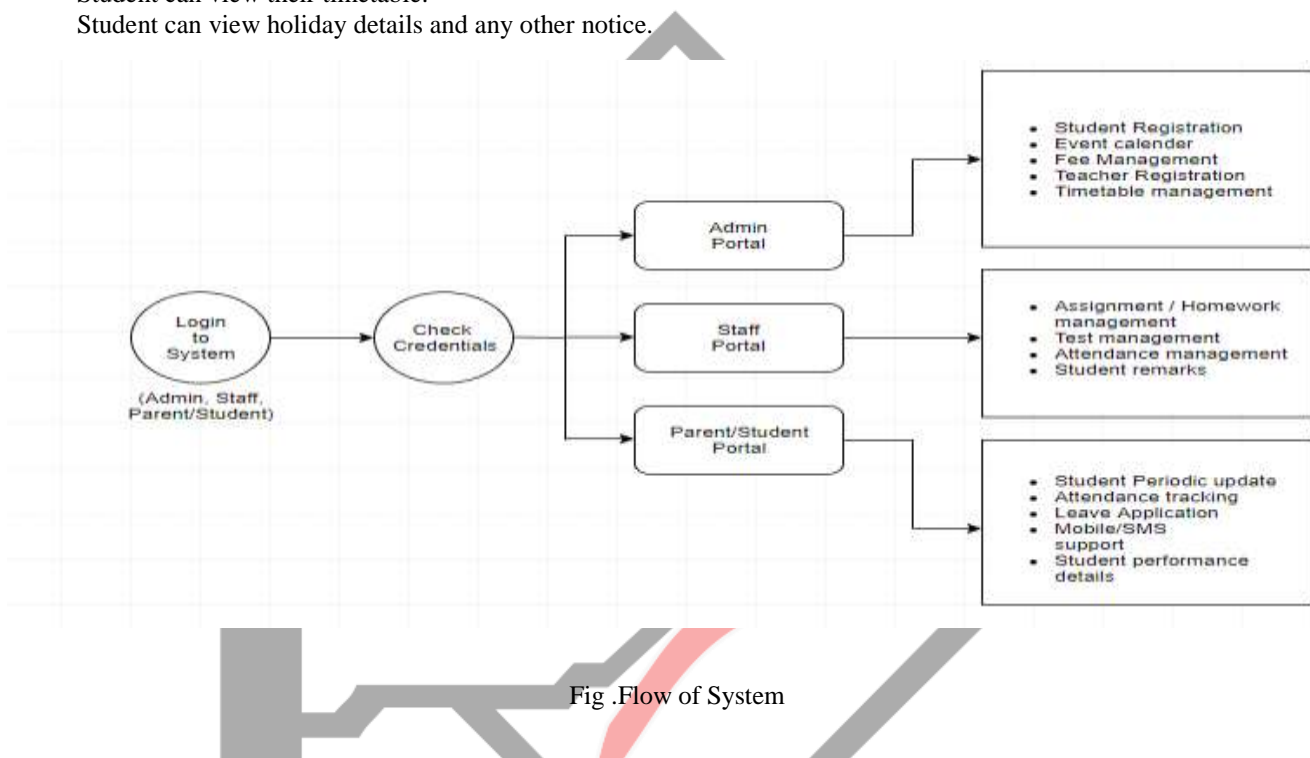


Fig .Flow of System

## IV. HARDWARE/SOFTWARE REQUIREMENTS

### Hardware

- Processor: Intel i3/i5/i7,AMD, Dual core
- RAM: Min 2GB
- HDD: Min 256GB

### Software

- Operating system: Windows7,windows8,windows10,Linux
- XAMPP
- Net Beans IDE 8.2
- Database: MySQL
- Web Browser (Mozilla Firefox, Chrome, etc.)

## V. EXECUTION SNAPSHOTS

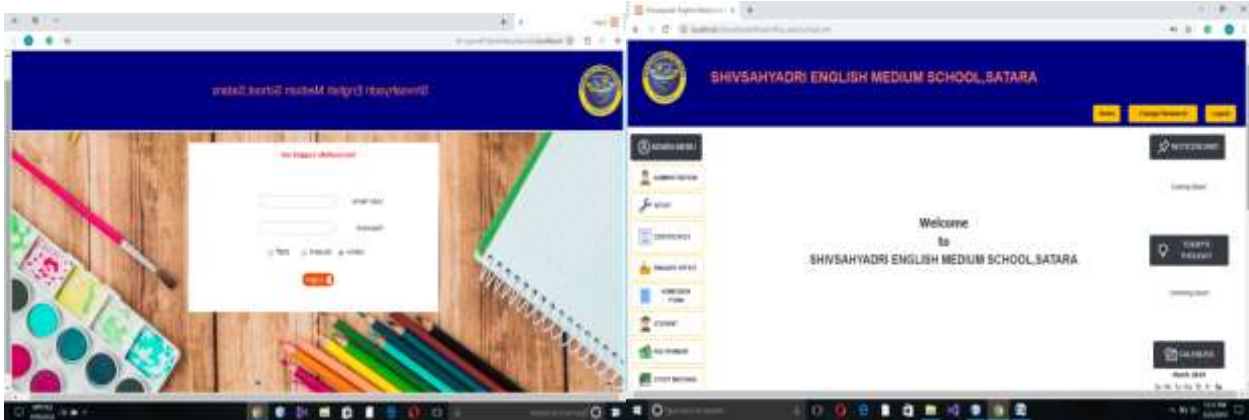


Fig.1 Login form

Fig.2 Admin Portal

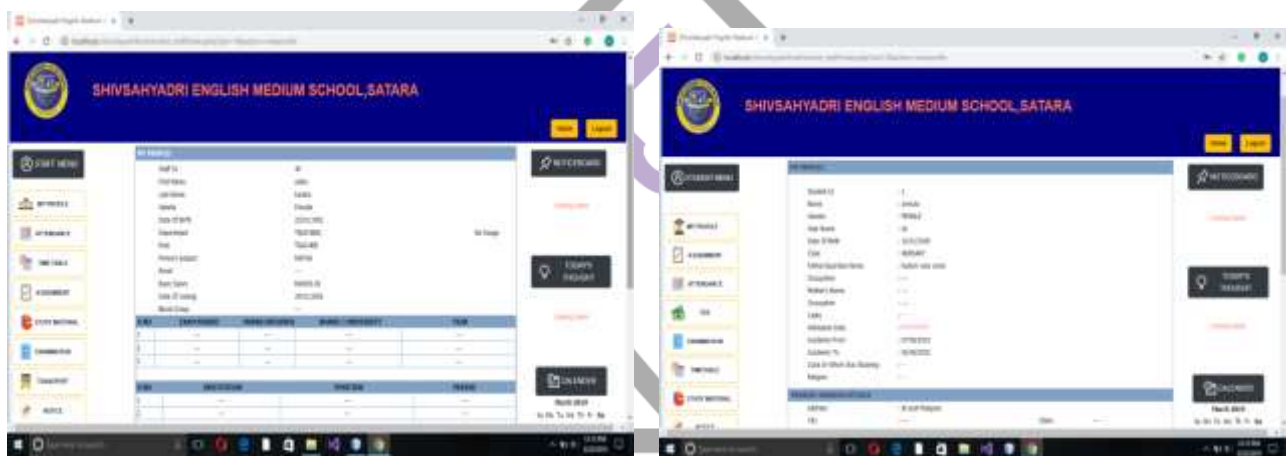


Fig.3 Staff Portal

Fig.4 Student/Parent Portal

## VI. CONCLUSION

This work successfully implemented real time school administration system. The student, staff and school information is stored in the database. Security of a system is managed by authorization of user. This system save the time, replace the paper and reduces workload. It is a quick response able system. The overall System represents modernization of school in very effective way.

## VII. ACKNOWLEDGEMENT

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