**School Management System**

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**Abstract**

School Management System helps headmasters to get the most accurate information to make more effective decisions. Teachers and headmasters gain time saving administrative tools, parents gain immediate access to their children’s grades and students can track their own progress. School Management System equipped features makes it possible to generate schedules and reports in minutes and to retrieve attendance records, grade checks, report cards, transcripts, and form letters in just a few clicks.

School Management Systems helps Teachers to complete grade book, track student’s attendance, input class notes, create lesson plans and detailed reports, and communicate with other staff members, students, and parents all via e-mail.

It also helps Students to access assignments and tests, and view attendance records, grades, report cards, and progress reports all online. They also can communicate through mail and forums with teachers and other students online.

My School (SMS) is a web enabled application developed in PHP and powerful MYSQL database backend. To implement My School application, schools do not need expensive hardware and software, they just need an internet connection and desktops. Our system works as a centralized database and application that schools can easily access the system from anywhere based on the login credentials. My School is a platform independent system that virtually any user can access from anywhere through a standard internet accessible system. We can also customize My School for individual school needs.

**PROBLEM DEFINITION**

Problem definition is infecting the difficulty of a member to be solved by the project. It is a reason, which forces member to computerize his system. Therefore, it is the most important activity in the whole development process. The quality of project mainly depends on its problem definition.

**Our Problem Includes**

We have to develop the Integrated Computer-Based School Management System that have the problem like

1. Time consuming process

2. increase in paper usage

3. prone to error

4. less safe and secure

5. cost inflation

6. decrease productivity of employee

7. limited access to report and data

8. long queues

9. less adaptable

**Related Work**

MyClassCampus is an All-in-one Mobility driven advance ERP platform to help educational organizations go digital. It's uniquely designed Mobile App brings all the stakeholders of an institute on single platform. It has some very interesting features like Lesson Planning, Exam Scheduler, User directory, Fee & Finance management, Online admission with inquiry CRM, leave management, QR attendance User remarks Shared calendar, Time Table management, digital library etc.

Classter is a global pioneer in the field of Education Technology, offering an all-in-one Cloud-based SaaS that bundles: Student Information System (SIS), School Management System (SMS) & Learning Management System (LMS). The platform offers an end-to-end and modular information management solution that can be used by any educational institution. Fully integrated with Office 365, Google G-Suite and other 3rd party systems: from ERP and government databases to SMS services and BI tools.

**SCOPE OF THE PROJECT**

In modern times, facilities offered by schools are not limited to basic functioning instead, the authorities have been looking for advanced system. This system is aimed at total user-friendly as well as efficient management of varied tasks. These tasks may range from registering new students, managing fees payment, examination management to all the essential features necessary for making the administrative division of school effective. In order to cope up with all these factors, the school management system was developed and nowadays, it has even been recognized by most of our schools. As a matter of fact, this system based on smart technology has become an integral part of many schools.

It will store all the personal and academic information of the students. It will also store the fee information of the students. Management will get information of any student who studied/studying in this institute till now easily. This software will also help the management to store their employee’s information including their personal information and salary information. It will also help the examination process, daily routine process, announcement process, attendance process, online parent portal, admission process, fee collection, time table design, proxy lecture for teacher, smart class, data privacy and Payroll system is very important of any organization .so this software will also handle the pay roll system of this institute. If will also store the results of the students.

**Project Development Methodology**

Visual Studio Code is a platform to develop Web apps. The application will be developed in HTML CSS JS PHP. This system will provide all necessary information to the management of organization to conduct a good result. Brief description of system is given as under.

**3.2.1 Attendance management**

Attendance management enclose two categories e.g. Student and teacher/staff attendance.

**3.2.2 Student and teacher personal detail management**

Personal details enclose these categories e.g. Add students/staff personal details, view all details, Search details, edit details, And Delete details.

**3.2.3 Examination management**

Examination management enclose these categories e.g. Add exams, view exam, Search exam, edit exam, And Delete exam.

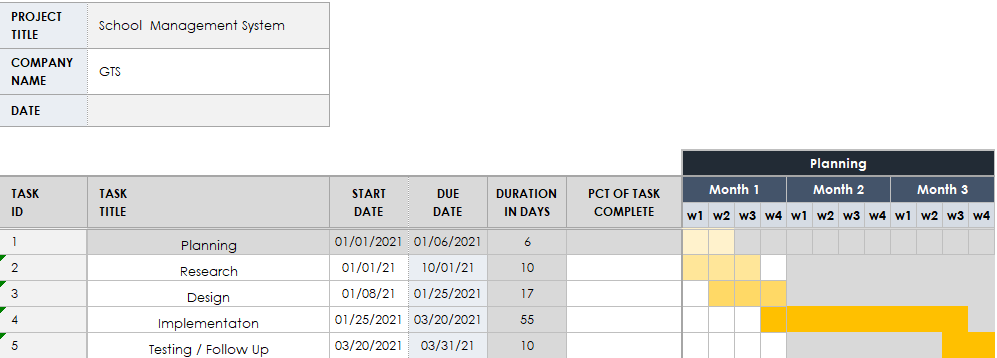
**3.2.4 Fee management**

Fee management enclose these categories e.g. add fee, view fee, search fee, edit fee, and delete fee.

**3.2.6 Accounts management**

Accounts management enclose all transections daily, monthly, annually.

**Gantt Chart**

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