Smart Kid'z Pre School ERP

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A B S T R A C T

School ERP is a web-based School Management System that enables school to use and operate many of integrated interrelated modules and manage the administration of school efficiently. Due to its ever growing and competitive nature, the education sector has always been in need of a quality solution to manage and serve the school resources efficiently. IT sector is giving number of solutions to schools to make administration easier and efficiently. Today educational institution is not limited to imparting education alone, but it is adapting latest trends in IT for improving the quality of education and handling various activities of school. We offer school ERP which simplifies and automates school administration process. The School Management System is accurate and reliable and can be conveniently accessed from school intranet as well as from the public internet. Yet another advantage of the ERP user have role based access rights which tightly models existing schools hierarchy. School ERP is totally customizable according to the needs of school.

Keywords: School ERP, Web-Based School Management

1. Introduction

School ERP system enables institutes to automate and simplify all regular activities such as curriculum management, attendance records, administrative tasks, information handling, fee management, and assignments. School ERP software is a robust, cloud-based, time-tested educational ERP system with advanced modules that enable teachers and educators to digitize educational institutions' regular work processes. It is designed to track and record the administrative work of schools and educational institutions. It includes all of the modules that teachers and staff need to keep track of all student records, such as maintaining academic records, online fee collection, timetable planning, etc. MasterSoft's School Management system aims at easing administrative hassles and improving efficiency and productivity. A school ERP system enables the schools to conduct and manage all the daily activities such as attendance management, student information, fee tracking, and homework management. It helps the school to streamline end-to-end activities in schools and improve their management. Nowadays 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. Our system is a major tool through this managing process by making a continuous communication between headmaster, teacher, parents and student. So in order to achieve that goal, we need a Website that covers the needs of all users at the same time. Today educational institution is not limited to imparting education alone, but it is adapting latest trends in IT for improving the quality of education and handling various activities of school. We offer school ERP which simplifies and automates schools administration process.

1.1 Problem Statement

• The earlier system in school used only paper records for this initiative.

• It takes a very long time to convey the information to the student.

• Paper records are tedious to manage and track.

• Lack of security of data and needs more man power.

1.2. Objective

• The main objective of the system is to reduce to paper work and to eliminate manual process and to save significant staff time.

• The ERP helps to gather the basic information of student the system is capable to storing the details of student and maintain their details in a dynamic way.

• A school ERP system enables the schools to conduct and manage all the daily activities such as attendance management, student information, fee tracking, administrative tasks, and homework management.

2. Literature survey

Runxin Yang School of Information Science Beijing Language and Culture University Beijing the Research and Development of Automatic Assessment Strategy for ERP Practical Skills Based on MOOC.[1]

School of Economy and Management, Hebei University of Science and Technology the Relationship and Integration Analysis of Electronic Commerce and ERP.[2]

Qingshan Deng School of Software Jiangxi University of Finance and Economics Nanchang Design and Application of Practical Teaching Framework of ERP Course.[3]

In our exploration of the history of school ERP, we go to back to the key turning points and inventions that shaped the development of this technology.[4]

Qiusheng Liu School of Business Administration Jiangsu University Zhenjiang, the Research on the Framework of Decision Support System Based on ERP Systems.[5]

3. Proposed System

The proposed system provides the easiest way to manage all aspects of student. The earlier system in college used only paper records for this initiative. While paper records are a traditional way of managing student data there are several disadvantages to this method. It takes a very long time to convey the information to the student. Paper records are tedious to manage and track. This system provides a simple interface for the maintenance of student information. The system under consideration is prepared in order to replace the current paper record system with an automated online information management system. College Staff can directly access all facts of a student's information through this system. The system employs user authentication, displaying only information necessary for an individual's duties. In addition to this, each sub-system has authentication allowing authorized users to create or update information in that subsystem. All data is thoroughly reviewed and verified on the server before actual record alteration occurs. Additionally, the system plans for student user interface, allowing students to access information and submit form online thus reducing processing time. School ERP is a web-based system that serving Students, Teachers and Admins, the main idea of our system is to allow the students, teachers and admins to be up to date with the school activities like HomeWorks, Holidays, School Notice, Attendance, fees.

The students will be able to see the homework and submit the homework. The student will be able to view the holidays regarding notice and other school related notices. The student can also see their attendance on the portal. The student can view their fees they have paid and pending fees and they will also get notification for the pending fees. For teachers it is considered as an easy way to manage their job's day, to be in touch with students and to give their homework's or anything they want to send it or view it to the students. Teachers can put the attendance of students that student will be able to see at the portal. The teacher can also view the notice and fees. And for the admins, they have a full control of the system, and like the teachers, it will be a great tool to manage their days and plans for the school, admin can put the holiday and other school related notice. Admin cand update fees of the students and also they will be able to view the homework's given by teachers and attendance of a student. The connection with all the other users which will be a wonderful virtual educational social community that definitely will improve the student performance and education, and make the school for them really as they second's home.
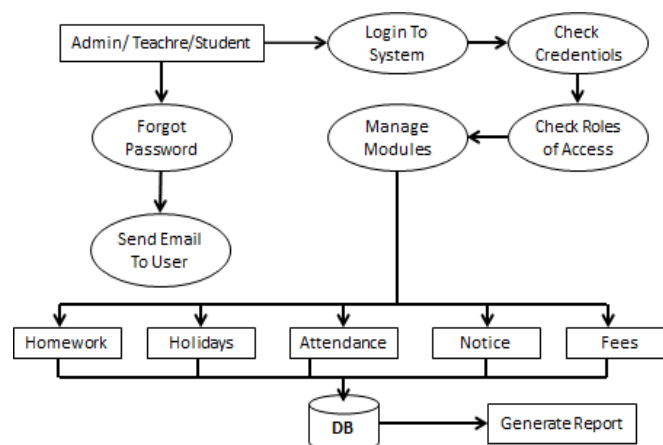

Fig 1. - Block diagram of proposed system

4. Benefits of the Proposed System

• Time savings - Employees who have received online or classroom-based ERP training will better understand how to interact with the system to accomplish their tasks. This efficiency gain greatly reduces the amount of time it takes to accomplish any given task, while simultaneously reducing time wasted trying to figure out how the ERP system works.

• Better Risk management – When everyone in your organization is trained, it provides consistency within the company in terms of how any given task is completed. This consistency means that everyone is on the same page, reducing the chance of human error. Fully understanding the system also enables your employees to use it and input data much more accurately. The end result is that you receive better data through the system that you've established.

• Improved productivity – When employees understand how to properly use the system, it will empower them to become more efficient at their work.

5. Conclusion

In recent years, with the pace of technological development, people have become more and more demanding in terms of quality of life, and the schools managers in recent years look to improve a performance in their schools to get the highest rate of knowledge and experience in their student. Automate all operational functions like fees, Attendance, School notice Management. School ERP is a web-based School Management System that enables school to use and operate many of integrated interrelated modules and manage the administration of school efficiently. Due to its ever growing and competitive nature, the education sector has always been in need of a quality solution to manage and serve the school resources efficiently. IT sector is giving number of solutions to schools to make administration easier and efficiently.

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