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PPFCM: Parent Portal For College Management

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Abstract- Now a day's in schools/colleges one of the primary problems is the detection, monitoring and management of students and other information. To overcome all this type of problems we introduce a portal which is PPFCM. This system is an advanced method/way in which student information management is automated.One of the most powerful features of PPFCM is the Parent Portal. The parent portal enables parents to be connected to their student's classroom and teachers 24 hours a day. This feature keeps parents involved and actively participating in their student's education. The information available to parents in the parent portal is completely customize by the school/college and can include attendance records, grades, classroom assignments, calendars, a message board, and basic student and parent information. Parents usually have to rely on students for school and classroom information, such as notes from the teacher, homework assignments, activities, and classroom policies. Parents may also want to touch base with their student's teachers if they have questions, suggestions, or comments regarding classroom activities, attendance, discipline issues, or grades. The Parent Portal includes a communications feature which enables parents to send private messages directly to their student's teachers. This direct line of communication can help parents and teachers ensure the success of their students.

Keywords: Attendance Records ,Grades, Classroom

I. Introduction

In recent years, a student portal project that acts as an online portal between parent and admin. The system is designed for a particular branch such as BE. It contains an admin who can enter details of students. Parent can login using provided user id, password and edit their profile details and image. Now admin can add details of Students marks. These are marks of some semesters each semester having some subjects each. When students login they can see their own marks details. Students also get a student helpdesk to assist them and also a download page where students may download pdf format eBooks from the web system.

Parents/guardians have the ability to **update household information** (phone number, address, cell phone, work phone and email) through the Parent Portal. This information will be applied to all of your students enrolled in ISD 622 schools. Simply click on the Household Information or Family Members sections to update your information. You will be contacted if more information is needed.The parent portal is a secure web environment where parents can access information that keeps them informed of their child's learning progress and attendance record. It also provides easy online access to additional resources and information that the school makes available for parents.

The benefit of the parent portal is that it serves as a single point of access for anything to do with a child's learning. Notices, calendars, reports, timetables, assignments, attendance, assessment reporting, communication and discussion forums, are all available in one convenient location which parents can access anywhere, anytime from their personal dashboard. Parental involvement became an important topic in the field of education research beginning with the Coleman Report on Education in 1966.

The idea that variables outside the school have an effect on test scores and student achievement was introduced in the report's findings. The United States Government supported these findings in 1983 with the publishing of *A Nation at Risk* by the National Commission on Excellence in Education and again in 2001 with the passing of the No Child Left Behind Act (NCLB). Both the report and NCLB mentioned the importance of parental involvement in improving academic success.

Electronic grade book (EGB) containing Parent Portal has been introduced into the educational marketplace as an addition to Student Information Systems (SIS). SIS allows districts to manage all student data, including demographics, state test scores, discipline records, free and reduced lunch status, medical records and attendance records. The parent portal is a secure web environment where parents can access information that keeps them informed of their child's learning progress and attendance record. These electronic grade books can be the means through which communication between home and school can be improved. There have been numerous studies in the area of parental involvement that espouse a link between parental involvement and student achievement (Shanahan & Walberg, 1985; Fan,2001;Walberg, 1984; Fehrmann, Keith , & Reimers, 1987;Sanders, 2001).SISs have existed since the mid-eighties, but it is only in the past five to ten years that they have developed the ability to allow parent and student access to the information entered by district administrators and teachers.

II.   PROPOSED SYSTEM

Parent involvement became an important subject in education with publishing of The Coleman Report of 1966, which exposed the fact that student background characteristics account for nearly as much variance on student achievement as do school characteristics. It was at this time that education began being considered from a sociological standpoint. One of those background characteristics is Parental involvement, which is a term that has many definitions. Joyce Epstein's (2009) framework outlines six specific types of parental involvement. It has also been defined as parental interest in a student's social and academic life (Keith et al., 1986;Pomerantz et al., 2007). Walberg (1986) defines parental involvement as communication between home and school. Finn (1998) defines parental involvement using three areas of interest, including homework monitoring, helping with homework, and discussing school matters. Other researchers use a combined approach by defining parental involvement as parental involvement in school and school to communication.

In an effort to more succinctly define parental involvement to drive the research and methodology, I used Epstein's Overlapping Spheres of Influence (2001) and also her six-part framework to build a conceptual framework with school-home two main communication as the emerging definition of parental involvement. The purpose of this primarily quantitative study was to study the relationship, if any, between Parent Portal access and student achievement when controlling for gender, socioeconomic status (free and reduced lunch), ELL, SPED, student attendance, and previous achievement. Framework has allowed there to be consistency in defining parental Involvement and also has allowed schools to create comprehensive programs for school, home, and community partnerships. EGB access has added to these programs and opened the door for more two-way communication to take place between the home and the school. EGB access allows for timely information to be shared with parents and students in regard to performance and attendance. Using Epstein's notion of six main types of involvement can make empirical studies difficult. To that end, the focus has been mainly on school-to-home communication. With advancing technology, that communication has moved to the forefront of parental involvement. Also, due to the inconsistencies in the findings in regard to the type of parental involvement, this study focused primarily on communication, as that seems to consistently show influence on student achievement.

Students In general, this study attempted to build upon the research regarding parental involvement and more specifically the influence of a web-based software interface on the level and/or quantity of that involvement.

This system is developed for the benefit and welfare of the students in collges.

III.   . FUTURE SCOPE

A study at the high school level is recommended to increase the population for which implications based upon results can be addressed at a different level of education. Also, the influence of Parent Portal access on graduation rates can be added to the study. This study could be replicated with a larger population in different district settings such as rural, urban, and other suburban settings to test for study validity in other populations. A longitudinal study could be designed using the same sample to determine if more experience with the portal over a longer period of time has any effect on the outcomes. It is important to note that further research is warranted due to the fact that the state assessment is transitioning to PARCC, which takes place in Grades 3-11.In the current sample, Parent Portal was only available to the participants for one year at the time of the study. Further 149 review on this topic is warranted to determine long term effects of access to the portal on student achievement, school-

to-home communication and parent-to-student communication. In summary, parents felt that access to Parent Portal increased their communication with the teacher at their child's school but not with the administration.

IV.   CONCLUSION

While there are numerous empirical studies on parental involvement, few are quantities and the results are widely inconsistent. Parental involvement is touted at the federal level as something that will improve academic achievement, yet this seems intuitive and not always supported by research. When the definition of PI is narrowed down to communication, it becomes something that can be measured.

Advancements in technology abound and have trickled down to the classroom. Schools have employed the use of smart boards, iPods, and Quiz. As a means to improve the communication between schools and home, there have also been advancements in Student Information Systems. The systems allow parents and students to log into Parent Portal to access information on grades, attendance, and student progress. This information is live and in many districts has replaced untimely paper progress reports and report cards being mailed home. These advancements aid in strengthing the communication between home and school.

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