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Bill My School ERP Application

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Abstract: *Bill my school is a simple and efficient way to manage complete school fees where you can customize by creating classes and sections easily and any number of students can be added accordingly. You can generate bill and do follow-ups of pending fees effectively. In Existing framework requires part of administrative work and even a little exchange require numerous papers fill. In addition, any unnatural reason, (for example, fire in the association) can annihilate all information of the association. Loss of even a solitary paper prompted troublesome circumstance since every one of the papers are interrelated. our solution as the following benefits. The proposed framework is easy to understand in light of the fact that the recovery and putting away of information is quick and information is kept up proficiently. Database is produced as the client enters the information in the framework. Also, the graphical UI is given in the proposed framework, which furnishes client to manage the framework effectively. Any association whether it is a school, school, organization identified with understudy can utilize this item, which can be redone according to the necessity.*

Keywords: *Andriod application, CRM, ERP, GPS.*

I. INTRODUCTION

Bill My School is a simple and efficient way to manage complete school fees where you can customize by creating classes and sections easily and any number of students can be added accordingly. You can generate bill and do follow ups of pending fees effectively. School ERP is an internet primarily based School Management System that allows faculty to apply and function a lot of integrated interrelated modules and manipulate the management of faculty efficaciously.

Due to its ever growing and aggressive nature, the training quarter has continually been in need of a quality solution to control and serve the college assets successfully. IT quarter is giving range of solutions to faculties like smart classroom, digital getting to know answers and college control gadget to make gaining knowledge of simpler and manipulate Today instructional group isn't limited to presenting education on my own, however it's far adapting modern-day trends in IT for enhancing the first-class of training and handling various activities of faculty which include admissions, class management, library control, logistics, stock, fee control, alumni, bills and so forth.

We provide School ERP which simplifies and automates schools control process. The School Management System is accurate and reliable and can be without difficulty accessed from college intranet in addition to from most people internet.

A. Implemetation

Bill My School is a easy and green manner to control complete college charges where you could customise by developing training and sections without problems and any quantity of college students can be brought therefore. You can generate invoice and do comply with united states of America of pending fees efficaciously.

School ERP is an internet based School Management System that permits college to use and perform a lot of included interrelated modules and manage the management of school effectively.

Due to its ever developing and aggressive nature, the training area has always been in want of a first-class method to manage and serve the college assets efficiently. IT region is giving number of answers to faculties like clever classroom, digital getting to know answers and faculty control machine to make learning less complicated and control faculty management successfully. Today educational group is not limited to supplying schooling by myself, but it's miles adapting ultra-modern traits in IT for enhancing the best of schooling and dealing with numerous activities of college consisting of admissions, magnificence management, library management, logistics, inventory, charge management, alumni, bills and many others. We provide School ERP which simplifies and automates faculties management technique. The School Management System is accurate and dependable and can be with no trouble accessed from school intranet in addition to from the public internet. It is completely browser primarily based college control system which also includes digital campus which may be linked with college portal and includes powerful online get right of entry to deliver parents, instructors and college students on a not unusual interactive platform.

II. OBJECTIVE

This will serve the following objectives-

- A. Add and keep scholar database.
- B. It allows to maintain student profile.
- C. Transparency in school operations.
- D. Availability of updated information.
- E. Better management of faculty academic technique & administration.
- F. Instant get entry to the specified facts and activities of the college.
- G. Keeps mother and father updated with their wards progress in school.
- H. Integrated with Bulk SMS Software for sending specific SMS Alerts.
- I. Better interplay between parents, teachers & faculty management.
- J. Efficient computing centralized garage, high reminiscence and speedy technique.
- K. High degree security at application degree, user stage and application level.

III. FEATURES

- 1) Organization entry.
- 2) Divisions- year, class, section, syllabus.
- 3) Entities.
- 4) Student database creation.
- 5) Assignment of fees for class.
- 6) Assignment of fees for individual students.

IV. BENEFITS FOR STUDENTS

Students get opportunity not only to share their knowledge but also enhance their knowledge. This platform provides students a real-time update information. They can exchange their knowledge and ideas with teachers, peers and parents. This also serves as platform for discussion form. Students will have the permission to access the attendance, marks or grades, academic time table. Students will get prior information about events and holidays.

Students can login with the user id and password. In the home page students will be able to view their attendance status, internal marks and internal questions. If the attendance status is below the average then there will be a notification regarding the attendance shortage and it also provides the complete details about no of class taken by the faculty, no of class student attended and no of classes to be attended to get attendance average. Students will get notifications on the internal dates and the internal marks average. It provides a notification for the student who doesn't have internal mark average with complete details on the pervious internal mark and how much they should score on upcoming internals to get the average. it provides discussion form for knowledge exchange.

V. BENEFITS FOR PARENTS

Parents can have track on their ward's performance, academic progress, attendance and fee payment for the academic year. Regular follow ups will be initiated regarding the payment via sms and email and complete transaction details will be provided through sms and email. Parents can have ready availability of school events or activities thought discussion form, posts, messaging systems.

Parents can login with user id and password. In home page parents can view the attendance status, internal marks and payment of fees. It provides a complete details about the payment of fees such as pervious payment of fees, balance amount to be paid.

VI. BENEFITS FOR STAFFS

Staffs can maintain automated and computerized student's record like academic progress, grades and attendance. They need to regularly update on the upcoming school events or activities. In this platform staffs can update the information and share their knowledge on discussion form. Through this staffs can have availability of more time for the wards. They can have effective and efficient interactions with respective wards parents about their performance in academic progress, attendance etc through messaging systems.

A. Faculty

Faculty will have following functionalities:

- 1) Maintaining the attendance record of the student.
- 2) Maintaining of the internal questions for the students.
- 3) Maintaining the internal marks of the students.
- 4) Will get facilities to send SMS to students and parents regarding attendance shortage, internal marks etc
- 5) Will get facilities to check the salary.

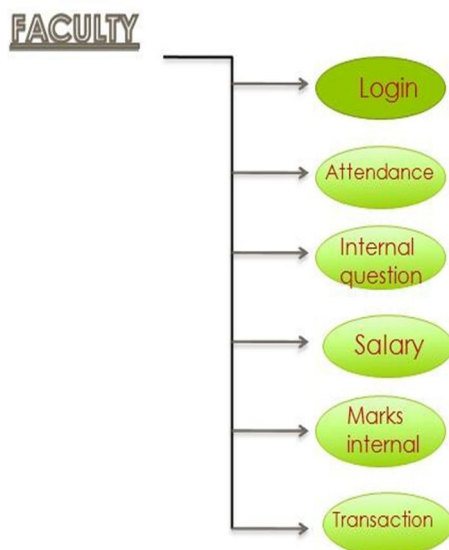


Fig 1: Supported Operations for Faculty.

B. Student

Student will have following functionalities:

- 1) Can look into attendance details.
- 2) Can look into internal questions published by respective faculty.
- 3) Can look into internal marks of respective subjects.
- 4) Will get notification of shortage of attendance, internal marks, fee dues, exam dates or any other events related to students in the organisation.

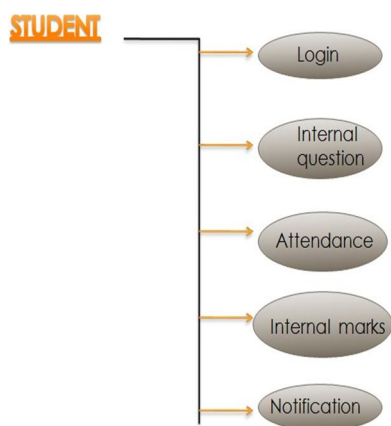


Fig 2: Supported Operations for students.

C. Parents

Parent will have following functionalities:

- 1) Can check the attendance of their
- 2) Son/daughter.
- 3) Can check the internal marks of their son/daughter.
- 4) Get notification messages regarding the fee payments dues
- 5) Get notification of IA marks and attendance through sms.

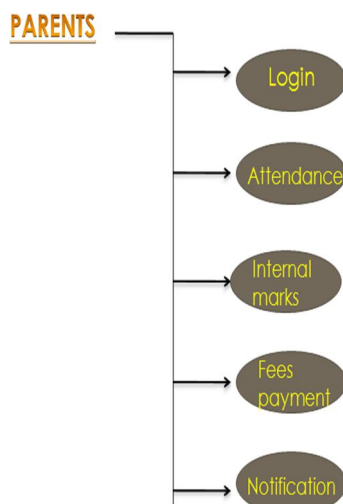


Fig 3 : Operations supported for Parents.

VII. CONCLUSION

In Bill My School, I have taken in the accompanying things

- A. Web innovations like html5, css3, JavaScript, jQuery, Bootstrap
- B. Database association and inquiries utilizing MySQL
- C. Java [Spring and Hibernate]
- D. Hosting the web server in the Amazon web administrations.
- E. Teamwork and coordinated effort.
- F. On time conveyance of the errand allotted.
- G. Exposure on Documentation and code survey.

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