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Survey on Education Institutional Solution

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Abstract: Implementation of Student Performance Analysis and Institute Solution using RDBMS is the web application on which the teacher are allow to insert the marks of the students obtain in the college exams (Test, Sessional, etc.) which are visible to students through their login into web application. Also, parents are allow to see students performance analysis as well as complete fees status (Bus Fee, Exam Fee, Tuition Fee, etc) after getting login into this system. In this project we have provided user authentication as per role of work eg. Teacher, clerk, accountant etc such that they can access only allowed portion of the system. These user and their roles will be assigned by only admin. Admin will decide which user should be activated or deactivated. Only Admin will have right to give authority to users depending upon their role of work. The Performance of student can be demonstrated subject wise and test wise graphically so that it can be easy to get proper analysis of student performance.

Keyword: Authentication, Admission, Student performance, Fees structure, Admin.

I. INTRODUCTION

Our project presents the details of student's marks, showing that marks to the students. This project is aimed to design a instant display of the result. It can streamline the administration of an institution in all areas and involves many administrative work. This application provides updating by the authorized person. Here you will get the latest information about the students updating can be done from desired pc and application designed for assisting the student examination marks as unit test and sessional also the university examination mark sheet. This is online project hence, students can access it from anywhere but the administrator won't be able to access it. He can only access from which college wants. Our project is related to basic conceptual components associated with the development and implementation of proper information of the students marks for the academic institution.

This project allows to complete solution to any educational institute's exertion such as fee collection status, accounting receipts, information regarding expenses such as voucher entry, journal entry etc. Admin can be able to see complete fee status such as total collection, pending as well as received which can be demonstrated class wise graphically. This project also allows generation of bonafide certificate of students. In this manner it is a complete solution to any institute's vital needs.

II. TYPES OF STUDENT PERFORMANCE

A. Student Attendance Monitoring System

Attendance is very important in every student, a single absent is big difference performance in the school. Mostly students of high school are prone to absences, it because of some reasons that they think it is a boring class laziness to attend the class. The students that the parent need come to school communicate with the teacher about the absenteeism of the student. In this manner, the researchers therefore proposed the parent portal and Attendance Monitoring System with short message service(SMS).The design and development of the system consist of two platforms. Attendance management take place in all educational campuses be it university, college or school. A Student Attendance Monitoring System is being developed to provide a reliable, secure, and efficient method of recording student attendance. It also includes the development of an on-line student absence notice form with document management and appropriate work flow for approval and updating of attendance record.

B. Student Fess Monitoring System

Issues of student fees and support are difficult to understand and compare accurately and clearly at European level. These national diagrams and information sheets attempt to outline the main elements of national systems in away that enables a reader to understand reality quickly and easily, and also allows accurate comparison to be made with other countries. In this, we have also inserted a module of fees structure, which will be helpful for parents to go through their student's fees status. How much fees is pending, how much is paid regarding bus, exam, etc. Can be easily be watched by parents. There are, however, many dimensions to be considered, and the information should be read carefully.

C. Student Enrollment Monotoring System (SEMS)

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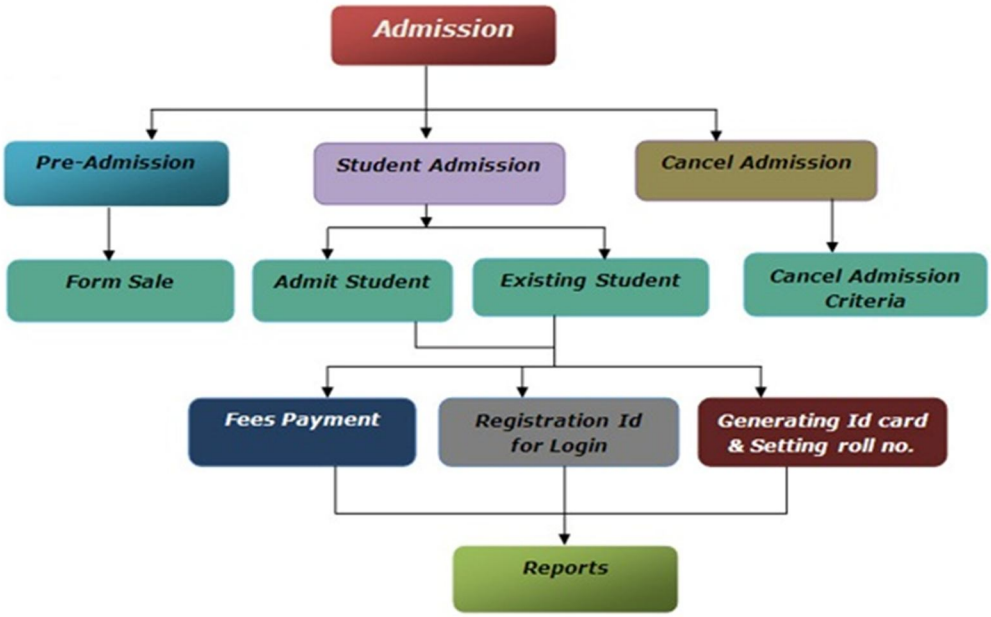
The enrollment system is an integrated system linked with the finance and accounting system and the registrar management system. Enrollment Management is a term that tactics to shape the enrollment of an institution and meet established goals. It performs the whole cycle of the enrollment system. The Enrollment system is capable of admitting the students, provide them there ID number if they are new student or retain their ID number if they are old student, keep their information and accept payment which is automatically assigned on their specific ledger account. Students, parents and sponsors as well as other stakeholders such as faculty, lecturers, other internal staff, government, partners, suppliers should benefit from the use of technology to improve customer interaction and management.

D. Student Academic Performance Monitoring System

Academic performance is the outcome of educational — the extent to which a student, teacher or institution has achieved their educational goals. The social and economic development of the country is directly linked with student academic performance. The students' performance plays an important role in producing the best quality graduates. Student academic performance measurement has received considerable attention in previous research, it is challenging aspects of academic literature, and science student performance are affected due to social, psychological, economic, environmental and personal factors.



III. CONCLUSION

By studying various projects we found that the existing system is unable to provide the accessibility of the project at anytime from anywhere hence, we are making our project web-based so that anyone can access it from anywhere at any time.

Also existing project do not provide the quick accessibility of the system and also become difficult to understand hence, we are making our project graphical so that it becomes easier to understand and monitor the student performance.

REFERENCES

[1] Mahyidin, M.F. Student Attendance Using RFID System. 2008 December 2012.
[2] Alex Berson, Data Warehousing Data Mining & Computing Mcgraw- Hill, November 5, 1997.
[3] Arshad Khan, SAP and BW Data Warehousing, Khan Consulting and Publishing, LLC (January 1, 2005)
[4] John Hess, "Dealing With Missing Values In The Data Warehouse" A Report of Stonebridge Technologies, Inc-1998.
[5] Ralph Kimball, The Data Warehouse ETL Toolkit, Wiley India Pvt Ltd., 2006.
[6] KV.K.K. Prasad, Data Warehouse Development tools, Dreamtech Press, 2006.
[7] W.H. Inmon, Building The Data Warehouse. Wiley; 3rd edition March 15, 2002.
[8] Channah F. Naiman, Aris M. Ouksel " A Classification Of Semantic Conflicts in Hetrogeneous Database System", Journal of Organizational Computing, vol. 5, 1995.

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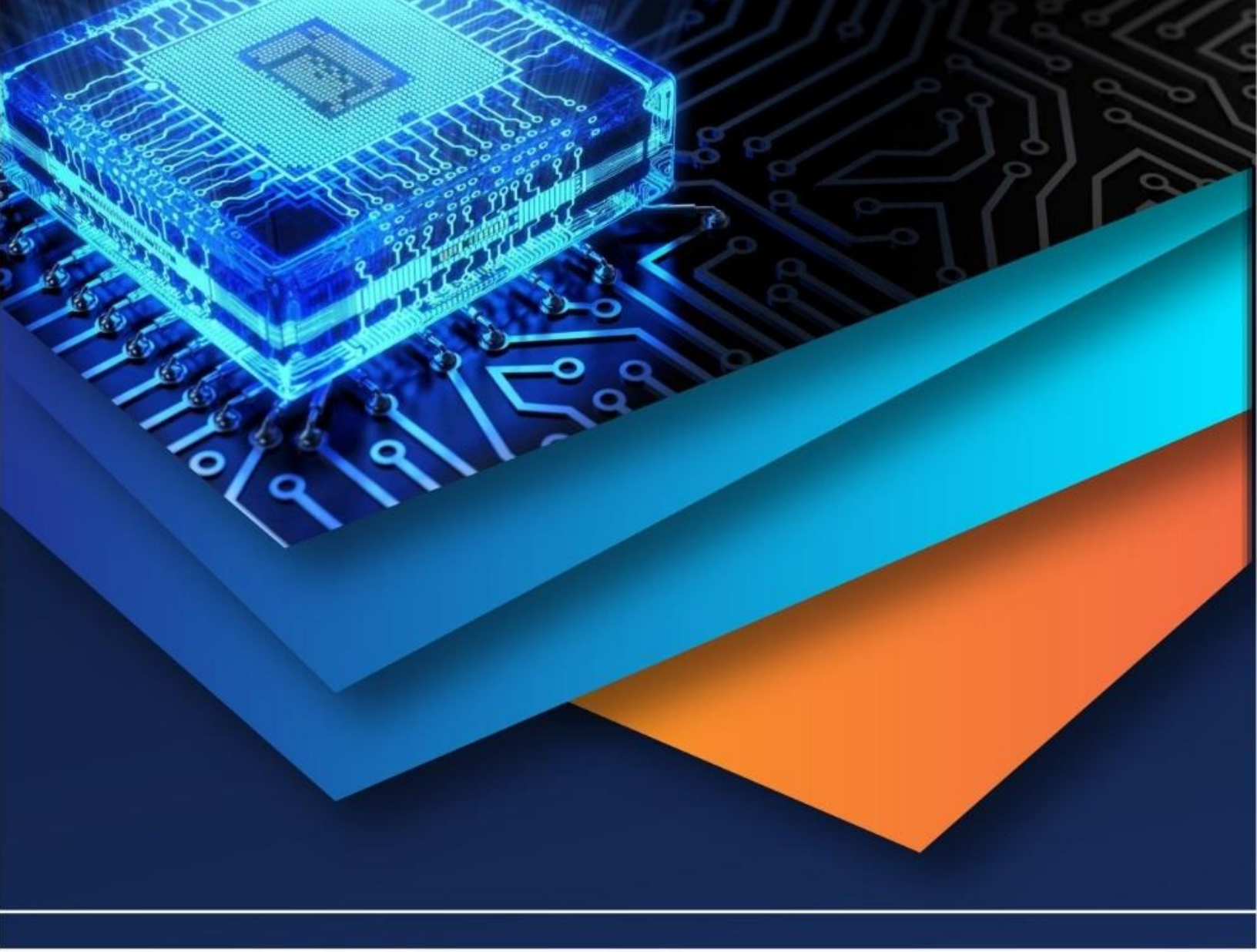

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