Student Result Management System

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Abstract—Student Result Management System (SRMS) is a website designed to store student results at the institution. On this website, HTML, CSS, and JavaScript are used as advanced tools. The project aims to automate semester results management, as it is a system for the management of computerized test results of student examination records. It will simplify and accelerate outcomes planning, management processes, and activities such as a craft reduction tool, providing us with advanced preparation for both students and administrative authorities to achieve results. The project aims to provide student test results in an effortless way. It works for students and institutions to get results in an uncomplicated way. Being a result analysis that reflects the nature of the subjects and grades helps students to look at the results. A program designed for students whose rights have been granted to students to read and practice their results by providing usernames and passwords for secure access. In the case of new students, the registration system is ready for use, and the guest user has the right to read only. The full results system (SRMS) will be under the control of the administrator or admin and the administrator or admin has full access to write, read, and show the result. The guide or admin also grants Teacher and students access.

Keywords —PHP, XAMPP, MYSQL, HTML, CSS, Result Management

I.   INTRODUCTION

The study's primary objective is to develop and automate a Student Outcomes Management System (SRMS) for efficient management and publication of student results. This document outlines the software requirements for SRMS, focusing on robustness and accuracy. SRMS is designed to address various issues in managing student results and provides detailed information on current and past semester data.

In the dynamic landscape of education, organized management of student results is essential for educational institutions, such as schools, colleges, and universities. The Student Result Management System (SRMS) emerges as a valuable tool to simplify the complex process of result management. It streamlines academic assessment, grading, record-keeping, and result publication, offering a user-friendly interface and numerous features to enhance efficiency and transparency.

In the dynamic landscape of education, organized management of student results is essential for educational institutions, such as schools, colleges, and universities. The Student Key features of SRMS include comprehensive student data, including registration numbers, marks, amounts, and ratings. It is accessible to principals for result analysis and offers students a portal to check their current status.

II.   PROPOSED WORK

Student and administration are the two responsibilities in the proposed system. Three roles use the system, which is administered by the admin. Persons with access to the database will be able to retrieve the information contained there. The Admin has complete access to the system, Where as The student gets access to his or her profile as well as the semester's results.

Algorithms/programs in Use:

I as previously said, various computer programs exist today that assist users in finding and storing basic information such as a student's name, grades, and seat number. The rest of the computational work is either done manually by faculty at that university or requires a separate software.

Drawbacks of the current system:

If a computer program is written in the C programming language, it may be dependent on the operating system. The use of linear search in file handling may add to the time complexity.NO enhanced feature advantage, such as in a web application, is available.

The proposed approach and its advantages over the current system are as follows:

Friendly to the user (as faculties can easily use web

based application). AVAILABILITY AT ALL TIMES

(As long as the computer is linked to the network, the system is available.) Simple computation. Simple storage

III.   MODULE

Student Result Management System divided into two modules–

Student Admin

Admin Features

Admin Dashboard

Admin can add/update/ Class Admin can add/update/ Subjects

Admin can add/update/ Active/Inactive Subject combination with class

Admin can register a new student and also edit info of the student

Admin can declare/ edit the result of a student.

Admin can change own password

Student Features

• Students can search their results using a valid roll-id.

• Student can view their result

• Student can print the result

IV.   ARCHITECTURAL DIAGRAM
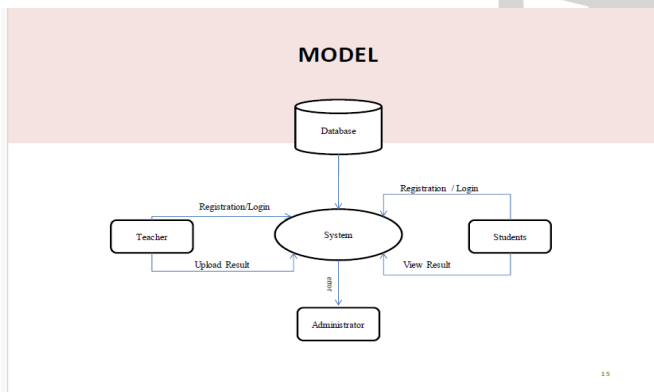
Fig. 1.   ARCHITECTURAL DIAGRAM

V.   RESULT

This section, usually focused on creating a user-friendly interface, is a platform where users can connect or operate data and gain access to the required knowledge. It is effort-less to know, adaptable, dependable, interoperable, setting up good connections with other levels of the system, which transforms data with no of its internal details and performs a specific job precisely.
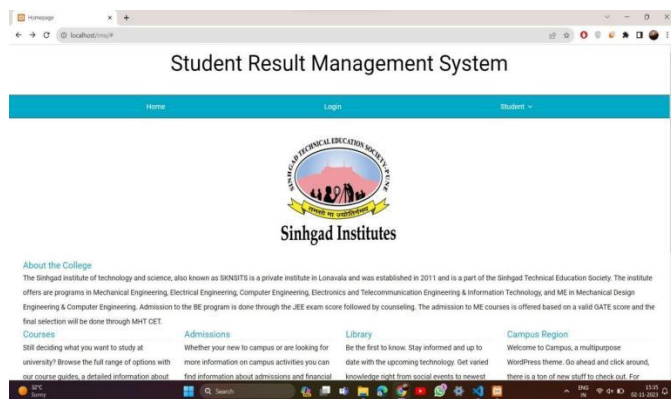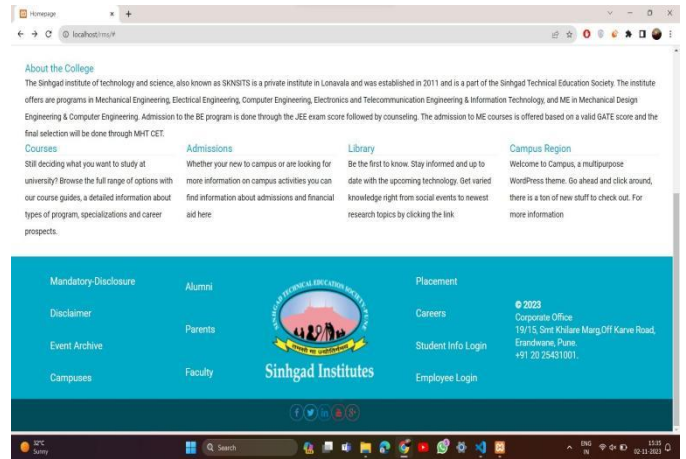

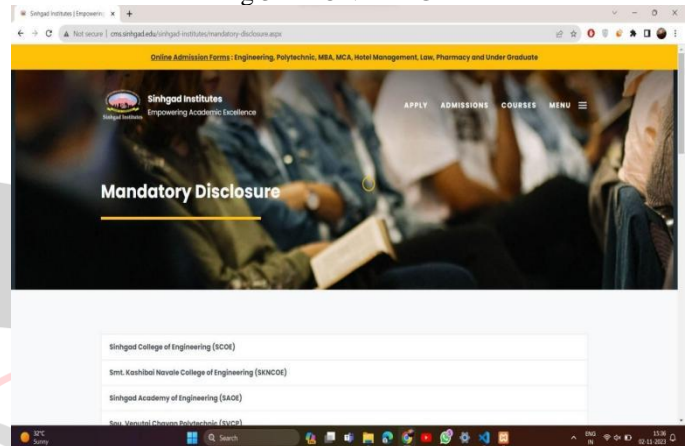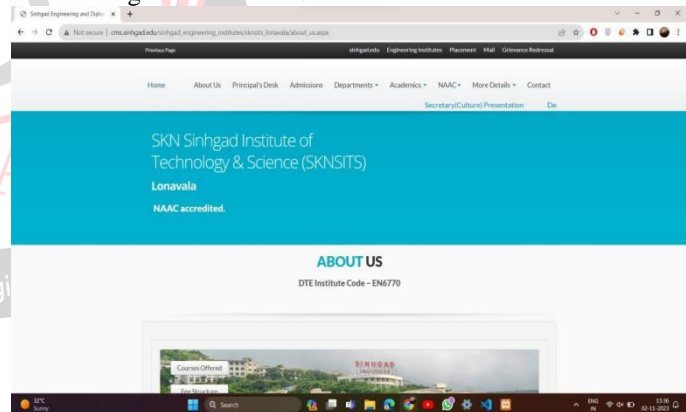Fig 2   FRONT PAGE

Fig 3 FRONT PAGE
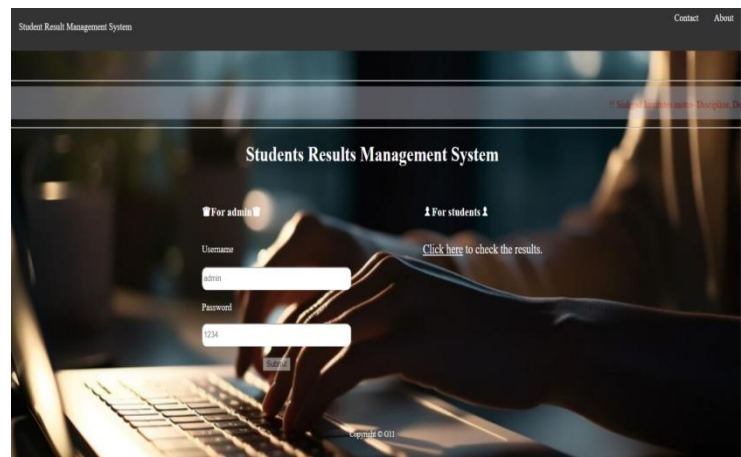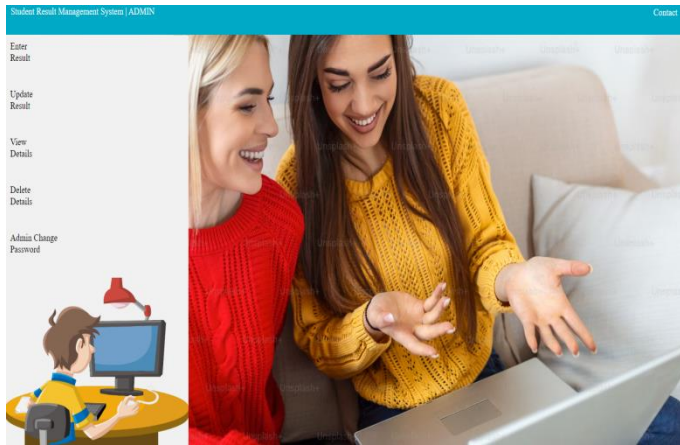

Fig 4   HYPERLINK

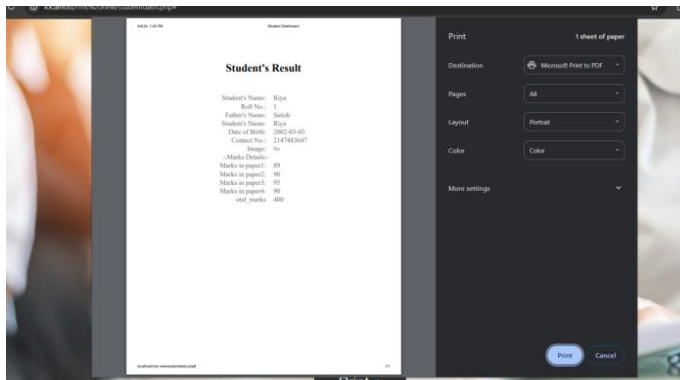
Fig 5 HYPERLINK

Fig 6 DASHBOARD
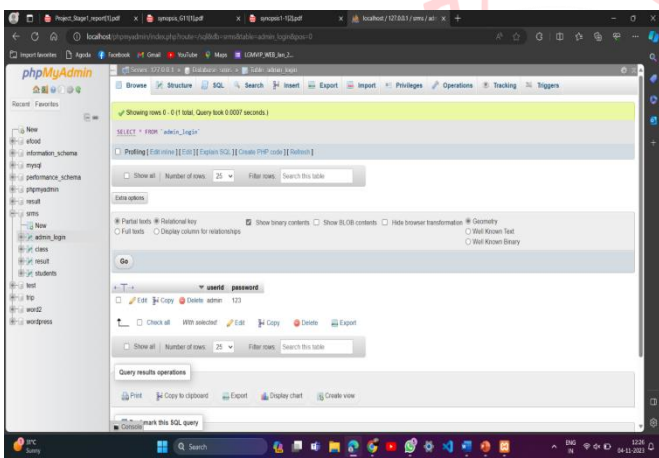
Fig 7 TEACHER DASHBOARD

Fig 8 STUDENT RESULT

Fig 9 LOCAL DATABASE

VI. CONCLUSION

In conclusion, a Student Result Management System is an essential tool for educational institutions. It provides a centralized database of student information, automates many of the processes involved in managing student data and improves communication between educational institutions, parents, and students. SIMS provides educational institutions with valuable insights into student performance, which can be used to make better decisions regarding curriculum development, student support, and other areas. Implementing SIMS can help educational institutions save time, improve accuracy, and provide better service to their students and parents. The Student Result Management System (SRMS) is discussed in this work. The product is designed to solve the challenges that understudy face in school with their board records. The

SRMS was built with PHP, MYSQL, HTML, CSS, and PHP, and it was hosted locally using Apache web worker. The product improvement concept is also based on the Participatory Steady Process Model (PIP Model). A useful breakdown of the framework and its core components is provided in order to understand the framework's primary functions. Similarly, a use case graph is given to demonstrate the various framework client classes as well as the numerous functionality associated with each framework client.

VII. REFERENCES

[1]S.R.Bharamagoudar,Geeta R.B & S.G.Totad,"Web service api for student information and course management systems". International Journal of Advanced Research in Computer and Communication Engineering Vol. June 2013.

[2] Almahdi Alshareef, Ahmed Alkilany, \"Toward a Student Information System for Sebha University, Libya\", Fifth international conference on Innovative Computing Technology (INTECH 2015)-p 34-39.

[3] Prabhu T Kannan, Srividya K Bansal, \"Unimate: A Student Information System\", International Conference on Advances in Computing, Communications and Informatics (ICACCI 2013)-p-1251-1256 .

[4]Dipin Budhrani, Vivek Mulchandani, Yugchhaya Galphat, "Student Information Management System" International Journal of Engineering Development and Research Volume 6 2018.

[5]Pushpagowsalya. P, Reeta. R, Dr.S.Priyadarsini, "Student information system" International Journal of Scientific Development and Research (IJSDR) Volume 5 April 2020 .

[6]Almahdi Alshareef, Ahmed Alkilany "Toward a Student Information System for Sebha University, Libya",Fifth international conference on Innovative Computing Technology (INTECH 2015)-p 34-39 .

[7]Prabhu T Kannan, Srividya K Bansal,"Unimate: A Student Information System",2013 International Conference on Advances in Computing, Communications and Informatics (ICACCI)-p-1251-1256 .

[8]S.R.Bharamagoudar, Geeta R.B, S.G.Totad, "Web service api for student information and course management systems"International Journal of Advanced Research in Computer and Communication Engineering Vol. June 2013
[9]Hanan A. Al-Souly, Abeer S. Al-Sheddi, Heba A. Kurdi "Enhanced TSFS Algorithm for Secure Database Encryption" Science and Information Conference 2013. -p328-335.

[10] D.Manivannan, R.Sujarani "Light Weight and Secure Database Encryption using TSFS Algorithm".

[11]Li Qian, Jun Hu, Shuying Liu "SQL Injection Attack and Prevention Technology" International Conference on Estimation, Detection and Information Fusion(ICEDIF 2015) -p 303-307.

[12]System and method for communicating student information among student, parents guardians and educators.(US 20060127870 A1).