

**SCHOOL RESULT MANAGEMENT SYSTEM**BADAM ASHOK <sup>1</sup>, K.RAMBABU<sup>2</sup>**1. PG student of MCA , D.N.R. COLLEGE, P.G. COURSES (AUTONOMOUS), BHIMAVARAM-534202.**Email.id: [ashokbadm10@gmail.com](mailto:ashokbadm10@gmail.com)**2. Assistant Professor in DEPARTMENT OF MASTER OF COMPUTER APPLICATION, BHIMAVARAM-534202**Email.id: [kattarambabudnr@gmail.com](mailto:kattarambabudnr@gmail.com)**ABSTRACT:**

The main objective of the project is to provide the examination result to the student in a simple way. This project is useful for students and institutions for getting the results in simple manner. By a result analyzer with subject status and marks is an application tool for displaying the results in secure way. The system is intended for the student. Moreover the privileges that are provided to student are to read and print his/her result by providing Student ID and Class. The whole result analyzer will be under the control of the administrator and the admin as the full privileges to read, write and execute the result, Admin gives the privileges to the student access the result

**1 INTRODUCTION**

Student Result management system (SRMS) is a technological opportunity for the school, college, university and coaching center institutions searching for a secure, simple and alternative solution to the conventional paper-based exam results evaluation, reporting and distribution. Like any other software, the system comes with certain advantage and disadvantage. The software application unbelievably unravels and quickens the result management system with unique templates by providing the administration a secure database system for storing, evaluating and publishing the test scores and grades of candidates online. The database likewise allows the students to observe and gander at the exam results on the web at whatever point necessary. The software exhibits some effortlessness in solving, adjusting and eradicating the problems in traditional result and examination management with automation system. One of the principal purposes of the system is to give the test results to the students in the as fundamental and exact way as possible. The administrator, modify and assess marks for the students whenever needed.

**2. LITERATURE SURVEY AND RELATED WORK**

According to Freund et al. (2017), nowadays people interact directly with technology in fields such as education, government, finance, retail, entertainment, health care, science, travel, publishing, and manufacturing. And they also state that, educators and teaching institutions use technology to assist with education. Most equip labs and classrooms with laptops or desktops. Some even provide computers or mobile devices to students. Many require students to have a mobile computer or mobile device to access the school's network or Internet wirelessly, or to access digital-only content provided by a textbook publisher. And educators may use a Course Management System (CMS) or systems like this called a Learning Management System (LMS), which is a software that contains tools for class preparation, distribution, and management. For example, through the course management system, students access course materials, grades, assessments, and a variety of collaboration tools. Many schools offer distance learning classes, where the delivery of education occurs at one place while the learning occurs at other locations. Distance learning courses provide time, distance, and place advantages for students who live far from a campus or work full time. Referencing Wallace (2015), the LMS or systems like this is an information system used to track student progress, and manage educational records. Many offer other features, such as online registration, assessment tools, collaborative technologies, and payment processing. They also offer tools for creating or importing content. Referencing Wunden berg (2015), LMS characterizes a complex, often web based software system which pools multiple task specific subprograms under a shared User Interface (UI). These subprograms support, for instance:

- Allocation and organization of learning content for different learning scenarios
- School administration
- Information management

**RESEARCH SIGNIFICANCE:**

The computerization of the current system will have an impact on the way the students access their results and, how it is managed and generated by the institution's employees. The system will make the life much easier for the institution as they will be able to store data much better than how they were able to do earlier. The students will have a smart management of their results and will be able to keep

track of their progress with an ease of access, from anywhere, anytime and any device that has an internet connection, and just by entering their respective credentials provided by the institution, the students could easily access and print them. This avoids the teachers from doing all the work manually, and have a better work quality and management that would reduce time, human effort and errors.

### 3 EXISTING SYSTEM

E-commerce is growing pretty fast, however, there is no standardization for payment system, resulting unreliability of online payment. There is still another problem following setting up an online store with the web site, the problem of marketing may arise. Another issue, to control the trustworthiness of the web site, all shop owners have to register their profiles to the web site, thus it will assure that there is no fraud in online trading on the web site. As the result, the web site will retain its reputation in the market. With this strict rule, the web site can control the quality and trust of its customers. This is very important issue for such a large web site.

### 4 PROPOSED WORK AND ALGORITHM

The web site, designed as an online shopping center, is separated into two parts: back end and front-end parts. This part provides facility for each store owner to edit and modify information in his own store. Providing validation check for member and store identification, the back-end system can securely protect users' proprietary information. In addition, all page views employ session variables to deter manually defined variables by users. Applying user friendly approach, and focusing on web programming inexperience, the user can effortlessly manage his back-end information. Inside the back end, users can control and view all store information. Besides that, using content management design, the back-end part encompasses with these modules: admin panel, home, register, login, product view, cart, checkout, change password, contact us and track order. The main purpose of this project to develop an institutional activities by computerized system that will manage the activities in student result system thereby providing easy access to students result data for administration, faculty/teacher and student. It will also help to keep data secured and reduce time to find out student data which may be occurred into conventional exam result paper.

#### SCOPE:

The study aims at developing and implementing a web-based Student Result management system (SRMS) for the schools in rural areas, replacing the old manually done paper work and to minimize the security issues and the problems it possesses. The proposed is a multi-user system, developed using php language with XAMPP Server and MySQL DBMS (Database Management System) Support. The system is confined to and intended for the students. They possess privileges to check their results after he/she is provided with a specific roll id and class. The entire system is managed by a system administrator, who possesses the full control of the system. Automatically and each student will have access to their results only, using their respective Details. The whole system is controlled by institutional administration. Administration section will edit and update this system and they have the permit to view whole system. Lastly end users are students. They can check their result by giving their credentials (Student Id and Class) in this system. They could not update/edit something. But they can get their result report with fully formatted design and format.

### 5 METHODOLOGIES

#### MODULES

##### 1 MODULES:

Student Result management system (SRMS) divided in two modules–

- Student
- Admin

##### Admin Features:

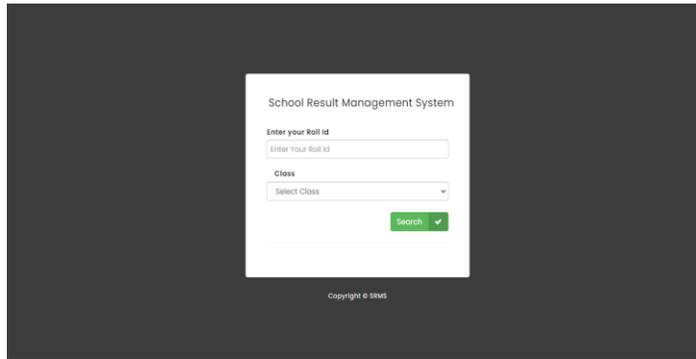
- Admin Dashboard
- Admin can add/update/ Class
- Admin can add/update/ Subjects
- Admin can add/update/ Active/Inactive Subject combination with class
- Admin can register new student and also edit info of the student
- Admin can declare/ edit result of a student.

- Admin can change own password

**Students Features:**

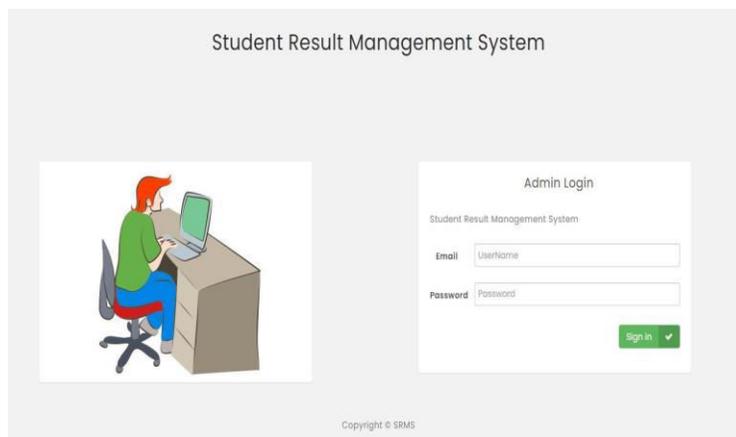
- Student can search their result using valid roll ID.
- Student can view result with their grade and percentage.
- Student can print out the result sheets.

**6 RESULTS AND DISCUSSION**



**Fig 1: Homescreen**

**Fig 2: in this screen shows how the admin logs**



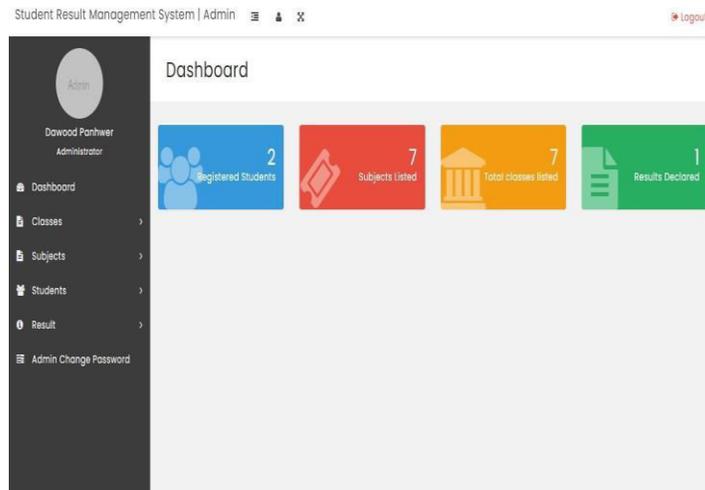


Fig 3: this screen shows the main dashboard of the admin panel

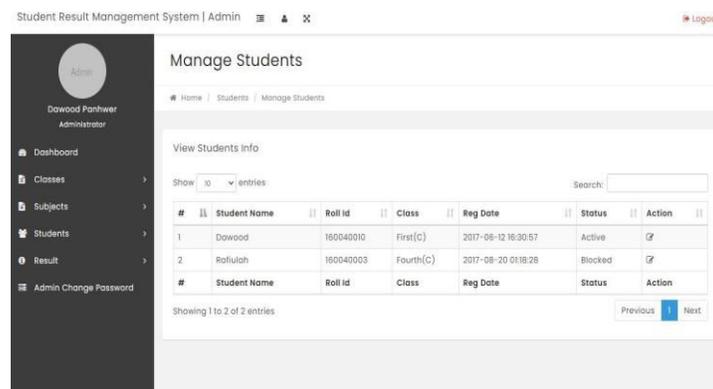


Fig 4 this screen shows the managing of the students

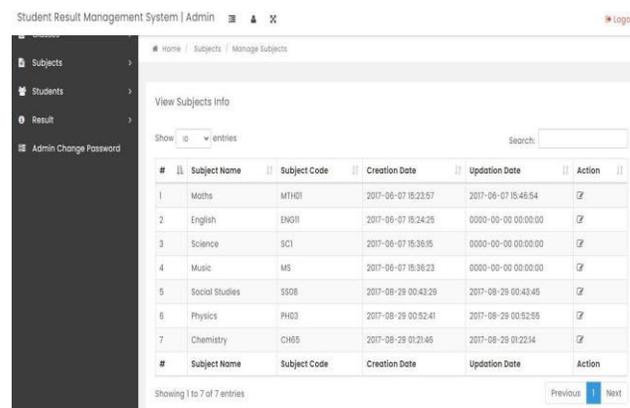


Fig 5 this screen shows the subject added in the system

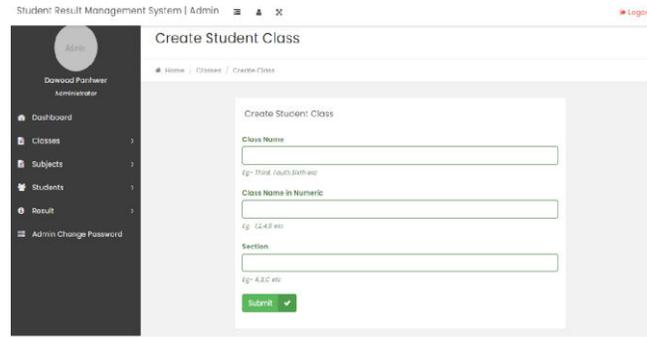


Fig 6 this screen shows the how admin can create new class

 A screenshot of the 'Student Result Details' page. The page title is 'Student Result Details'. It shows the following information:
 

- Student Name: Dawood
- Student Roll Id: 10040000
- Student Class: First(C)

 Below this is a table with columns '#', 'Subject', and 'Marks':
 

#	Subject	Marks
1	English	100
2	Maths	90
3	Music	78
4	Science	60
Total Marks		338 out of 400
Percentage		79.5 %

 At the bottom of the page, there is a 'Back to Home' link.

Fig 7 Student Result

## 7. CONCLUSION:

Student Result management system (SRMS) lead to a better organization structure since the Result management of the students is well structured and also lead to better as well as efficient utilization of resources. The system is designed to achieve maximum user satisfaction.

The goal of this system is to make it easier for teachers and students to keep up with the times. This will definitely make the institute authorities more comfortable as they do not have to think of keeping the results of their students on a conventional paper. Student Result management system (SRMS) can be utilized by training foundations to keep up the records of understudies without any problem. Accomplishing this goal is troublesome utilizing a manual framework as the data is dissipated, can be repetitive and gathering significant data might be very tedious. Every one of these issues are understood utilizing this venture.

The project will be upgraded and extended in the following features:

- Improving the design, implementation, and documentation in such a way that anyone can use this project for better performance.
- Anyone can give more data input to the data server if they want. This will make the database stronger.
- The web here is very commonly displayed. It can be further equipped.
- The Web page can be made lighter so that with low internet speed that page can be browsed
- Bio-metric attendance system will be implemented.
- We will add new user as Teacher

- Teacher can view the list of students assigned to them.
- Sign up option for new user

## 8 REFERENCES

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