

STUDENT MANAGEMENT SYSTEM(SMS)

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What's Inside?

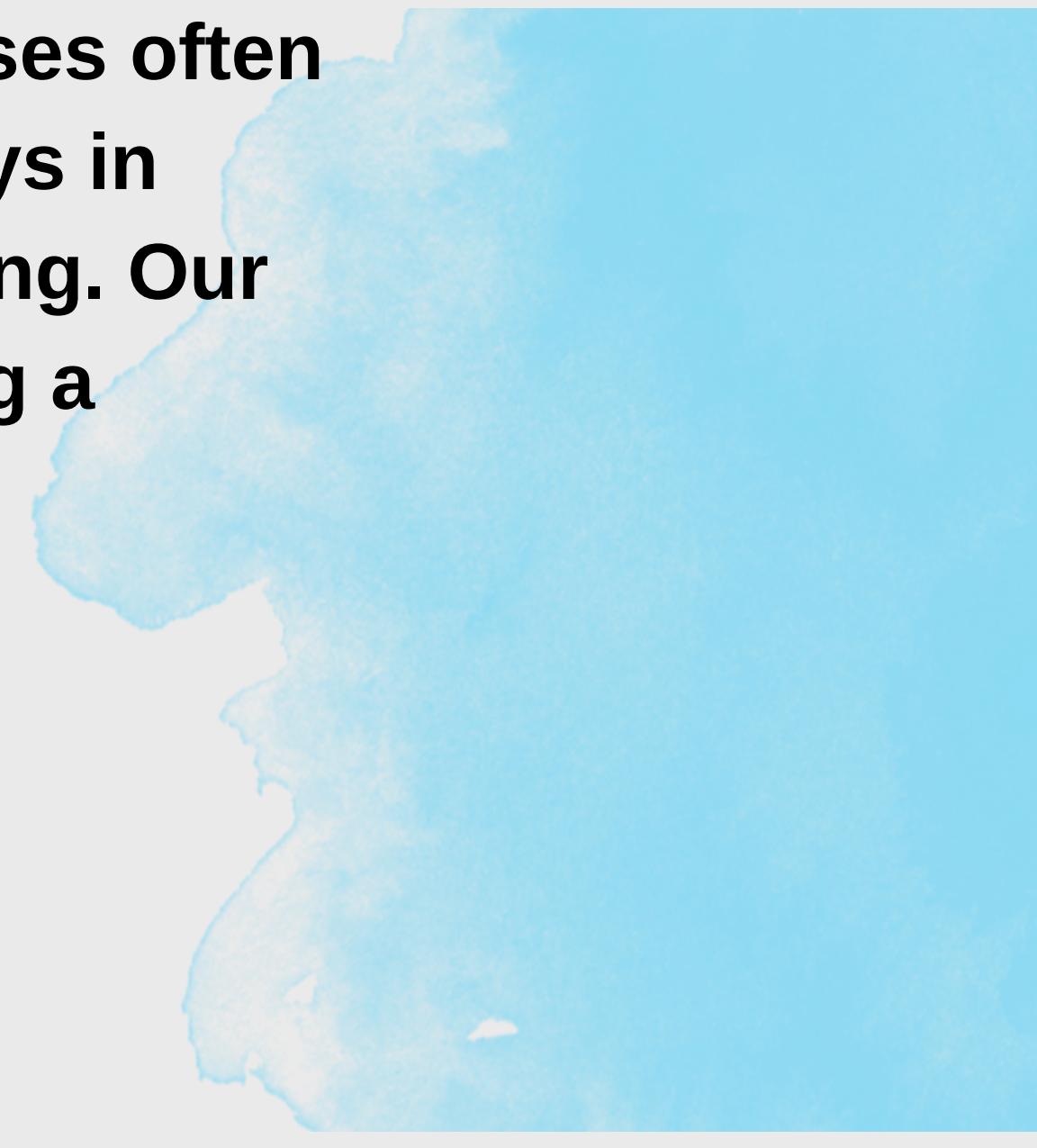
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INTRODUCTION

The project titles "Students' Management System" is a web based application developed to maintain the information of the students. This project contains two modules: "The Admin Module" and "The Student Module". Where the Admin Module is used to create and manage the subjects, classes and also able to add the students' details and their results. And the Student Module includes the personal information and to provide the results of the students' and also they can download the results.

PROBLEM DEFINITION

Currently, many educational institutions face challenges in efficiently managing student data. Manual processes often lead to errors, data inconsistencies, and delays in maintaining student records and result processing. Our system addresses these issues by providing a comprehensive and automated solution.



OBJECTIVES

- **Automation:**
Automate the result management process to eliminate manual errors and reduce processing time.
- **Efficiency:**
Streamline the flow of data between administrators and students for faster communication.
- **Accuracy:**
Ensure accurate and consistent storage of student information and their respective result.
- **User-Friendly:**
Intuitive interface for both administrators and students to access and manage results easily.

BENEFITS OF STUDENTS' MANAGEMENT SYSTEM

➤ Accuracy

Minimized chances of human error in maintaining student records.

➤ Timely Result Publication

Faster turnaround time for students to access their results.

➤ Time and Effort Savings

Automated calculations reduce manual effort.

➤ Data Insights

Data-driven insights for faculty to analyze student performance.

➤ Notice

A notice feature is also embedded for the distribution of important announcements and updates ensuring that all stakeholders stay informed in a timely and organized manner

FEATURES

➤ Login System

Authentication process granting access to a system through user credentials.

➤ Result/Reports

Generate the Result/Report of the students.

➤ Admin Module

Admin is the super user with updation and approval privileges.

➤ Security

Secure access with password protection, preventing unauthorized entry. Cryptography will be used to store users' data.

➤ Students Module

Student can register providing necessary information and login to their respective dashboards

➤ Easy Interface

Simple, intuitive design for effortless interaction and seamless navigation experience.

SUBMODULES



Admin Module

- Student registration approval.
- Add required Course, Papers
- Result Assessment
- Update student details.



Student Module

- Registration
- Log In
- Student dashboard with personal and academic information.
- Generating results/reports for respective examinations.

TECHNOLOGY USED

We have chosen the following technologies to build our Students' Management System due to their reliability, scalability, and compatibility with our project's requirements.

► Front-End

HTML, CSS, AJAX,
JavaScript

► Back-End

PHP, JSP

► Database

MySQL

► Supported Browsers

Google Chrome, Mozilla
Firefox, OPERA etc.

► External Dependencies

XAMPP/WAMP Server,
Bootstrap, JDBC

FUTURE ADDITIONS

➤ Teacher Module

Register/Login features for teachers to add more flexibility to the system

➤ Attendance Managing

This feature enables efficient monitoring, reporting, and analysis of attendance data, promoting accountability and transparency within the institution