

# **STUDENT MANAGEMENT SYSTEM**

Modernizing Academic  
Management

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# AGENDA

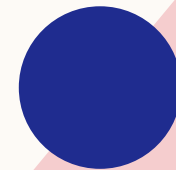
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# INTRODUCTION

The Student Management System (SMS) revolutionizes academic management by automating attendance tracking, streamlining record keeping, and enhancing communication between faculty and students. It aims to modernize traditional processes, ensuring efficiency, accessibility, and data security for all stakeholders..



# MOTIVATION AND OBJECTIVES

- To streamline attendance tracking and academic record management processes.
- To provide a user-friendly interface for faculty members and students.
- Enhancing efficiency in attendance tracking and academic record keeping.
- Providing a user-friendly interface for easy access and navigation.
- Improving data accuracy and security through robust authentication mechanisms.
- Facilitating timely feedback and communication between faculty and students.
- Promoting transparency and accountability in academic performance monitoring.



# PROBLEM STATEMENT

- Manual processes leading to inefficiency and errors.
- Limited scalability and flexibility, especially during peak periods.
- Security concerns related to data protection and access control.

## SUBJECT KNOWLEDGE

- **Web Development:** Proficiency in frontend technologies such as HTML, CSS, and JavaScript.
- **Backend Development:** Knowledge of backend technologies like PHP and MySQL for data storage and retrieval.
- **Database Management:** Understanding of database design principles and SQL for managing student data and academic records.

# METHODOLOGY

- **Requirements Gathering and Analysis:** Conducting interviews and surveys with stakeholders to identify needs and preferences.
- **System Design and Architecture:** Designing a scalable and user-friendly system architecture.
- **Frontend Development:** Developing the user interface using HTML, CSS, and JavaScript for a seamless user experience.
- **Backend Development:** Implementing the backend logic using PHP and MySQL for data management.
- **Testing and Quality Assurance:** Conducting thorough testing to ensure functionality, performance, and security.
- **Deployment and Maintenance:** Deploying the system to production environments and providing ongoing maintenance and support.

**THANK YOU**