



GOVT. GRADUATE COLLEGE Sheikhupura

Project Documentation Manual

[STUDENT MANAGEMENT SCHOOL]

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ABSTRACT:

This project helps in school management system. The web application facilitates attendance recording by the teachers, to view status of students by their parents.

The School Management System (SMS) is a software application developed to enhance the efficiency of various functions within a school. The SMS is designed to provide accuracy and timely access to critical information. It helps in decision-making processes of school administrators.

With the implementation of this system, schools can have better management, minimum errors in manual data handling, and improves communication. The SMS is an adaptable solution which is capable of meeting the unique needs of educational institutions with varying times.

INTRODUCTION:

The School Management System (SMS) is a digital solution developed to deal with the challenges faced by paper-based management methods. By processes such as student records management, attendance record, and grade reporting digitally, reduces administrative burden and improves overall productivity.

This system helps school administrators to handle student information, attendance and academic performance, all within a centralized database. Additionally, the system facilitates enhanced communication between teachers, students, and parents.

The School Management System is designed as user-friendly website to fulfill the needs of school administrators, teachers, students, and parents. Each user will get advantages of this system, which are designed to support the specific roles within the school environment.

SCOPE:

The scope of this project is to handle management and records of staff, reports, attendance and grades. By manipulating this system, school's administrators can significantly reduce the risk of errors produced with manual data and can improve the accessibility of information.

OBJECTIVES:

Here are some well-defined objectives for School Management System (SMS) project:

- To run administrative processes.
- To improve data accuracy and accessibility.
- To enhance communication.
- To support decision-making.
- To ensure data security and privacy.
- To provide user-friendly interfaces.
- To improve resource management.
- To proper adaptability.

TOOLS FOR FRONTEND/BACKEND:

While designing the frontend and backend of a School Management System (SMS), several tools and technologies are used depending on the requirements. Below is a list of tools and technologies for both frontend and backend development:

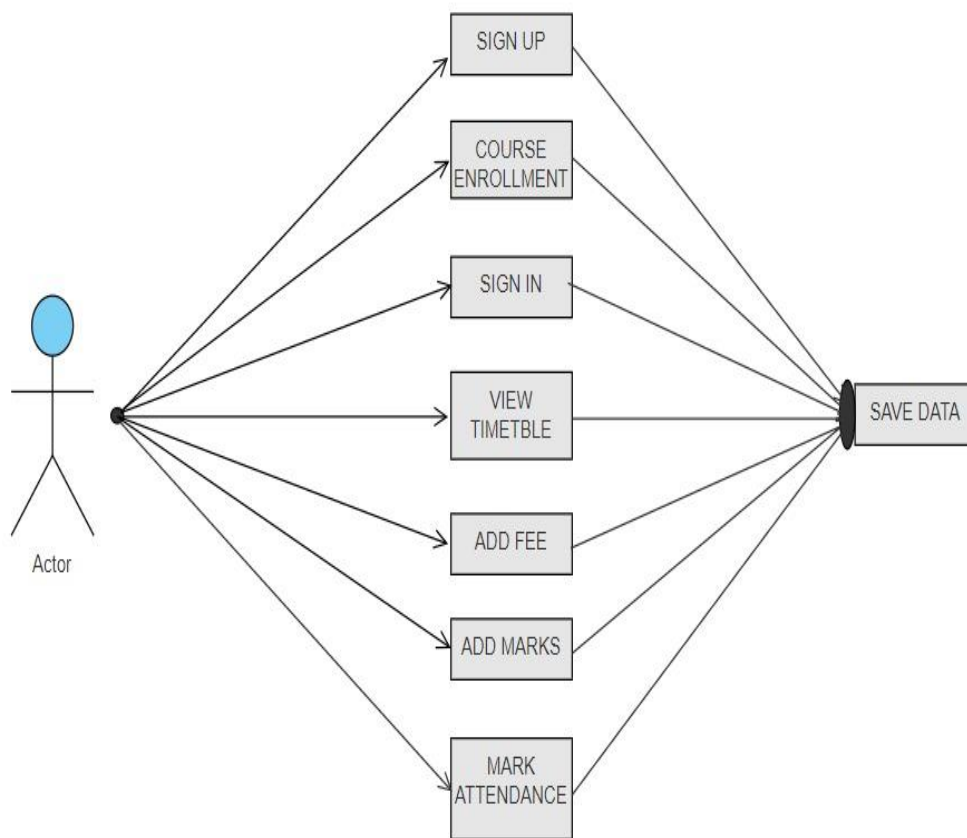
Frontend Development Tools:

- **HTML (Hypertext Markup Language):** The standard language for creating web pages.
- **CSS (Cascading Style Sheets):** Used to style and layout web pages.
- **JavaScript:** A scripting language that enables interactive web features.

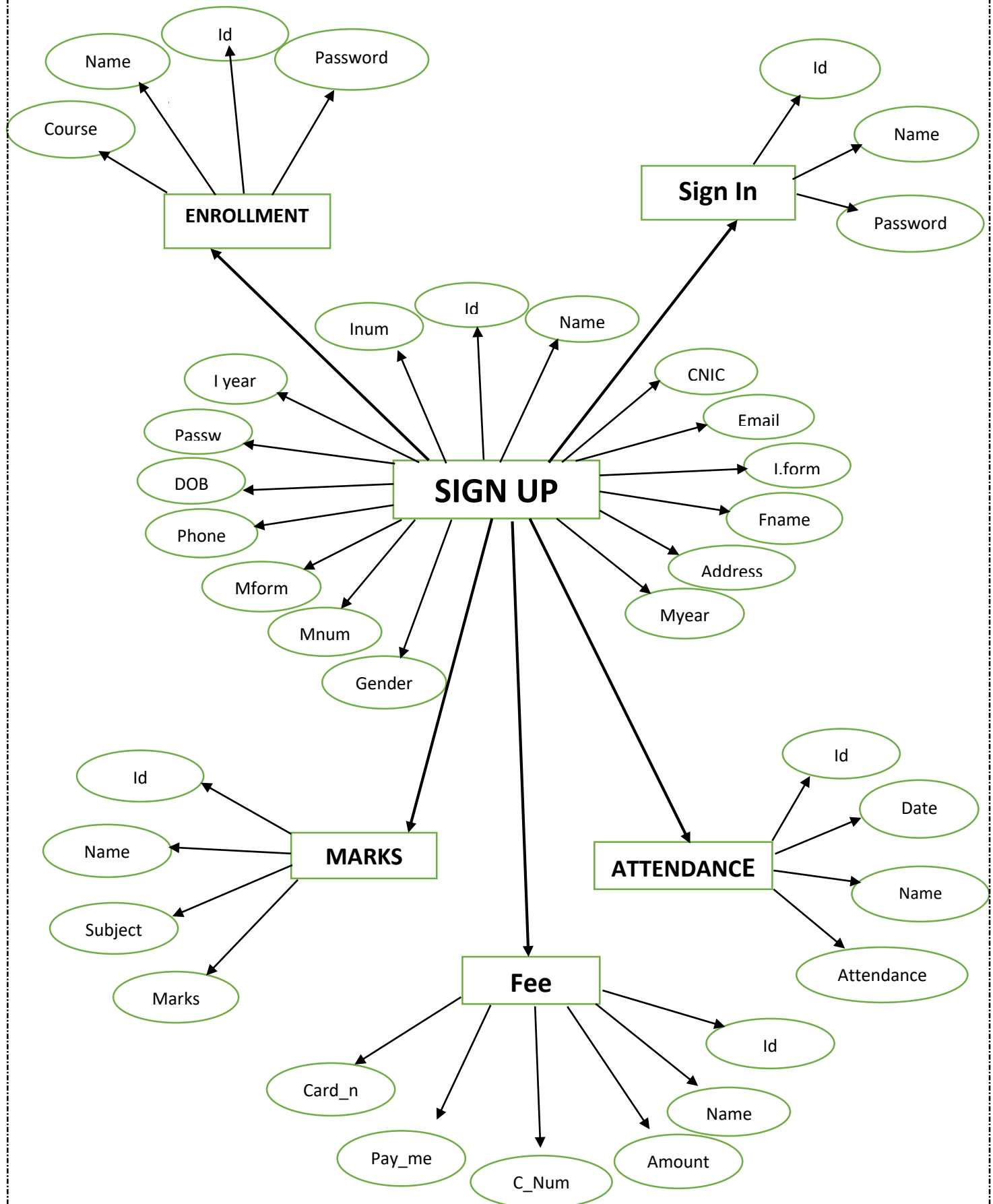
Backend Developed Tools:

- **PHP:** A server-side scripting language used to develop dynamic web pages.
- **Xampp Server:** XAMPP plays a crucial role in backend development, especially for web applications. It is a free and open-source cross-platform web server that interpreters for scripts written in PHP.

CLASS DIAGRAM:



ER DIAGRAM:



CONCLUSION:

The School Management System (SMS) model has been designed to manage the various functions within a school. By essential components such as student enrollment, fee management, marks, sign-in/sign-up processes, and records of attendance, the model aims to enhance efficiency and data accuracy.

Key Insights:

- Comprehensive data management.
- Enhanced user experience.
- Efficient administrative operations.
- Scalability and flexibility.
- Data integrity and security.

Overall, the SMS model provides a framework for school management and improved administrative functions. Its implementation provides the way for a more organized and responsive educational environment.


MODEL USE:

The SMS model provides several practical uses and benefits for educational institutions. Here's how the model can be effectively utilized:


- Student enrollment system.
- Fee submission.
- Efficient administration.
- Attendance record.
- Sign-In/Sign-Up Management.
- Data Analysis and Reporting.

MOCK-UP:

Home Page:

**GOVT. GRADUATE COLLEGE**
Sheikhupura

HomeSign UpSign In



About Our College Student Management System
Empowering Education

Our College Student Management System is a robust platform designed to streamline administrative tasks for College while providing a seamless experience for students, faculty, and parents.


Key Features

- Comprehensive Student Records
- Efficient Attendance Tracking
- Interactive Gradebook
- Secure Online Enrollment
- Effective Communication Tools

Benefits

- Improved Efficiency

Sign in Page:

**GOVT. GRADUATE COLLEGE**
Sheikhupura

HomeSign UpSign In

Sign In

Student ID:


Student Name:

Password:

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Contact Information:

Sign Up Page:

**GOVT. GRADUATE COLLEGE**
Sheikhupura

[Home](#) [Sign Up](#) [Sign In](#)

Sign Up

Personal Information

Student ID:

Name:

Father Name :


CNIC Number :

Gender

Male ☐ Female ☐

Date of Birth:

Enrollment Page:

**GOVT. GRADUATE COLLEGE**
Sheikhupura

[Home](#) [Sign Up](#) [Sign In](#)

College Course Enrollment

Welcome! Enroll in exciting courses and expand your knowledge.

Student Information

Student ID:

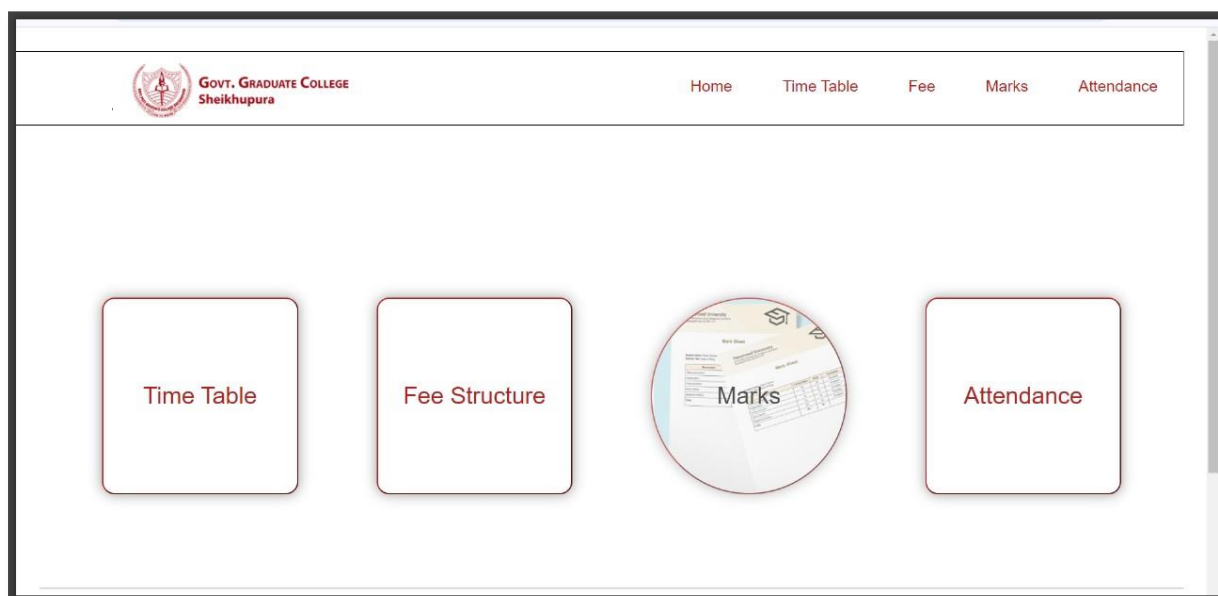
Student Name:

Password:

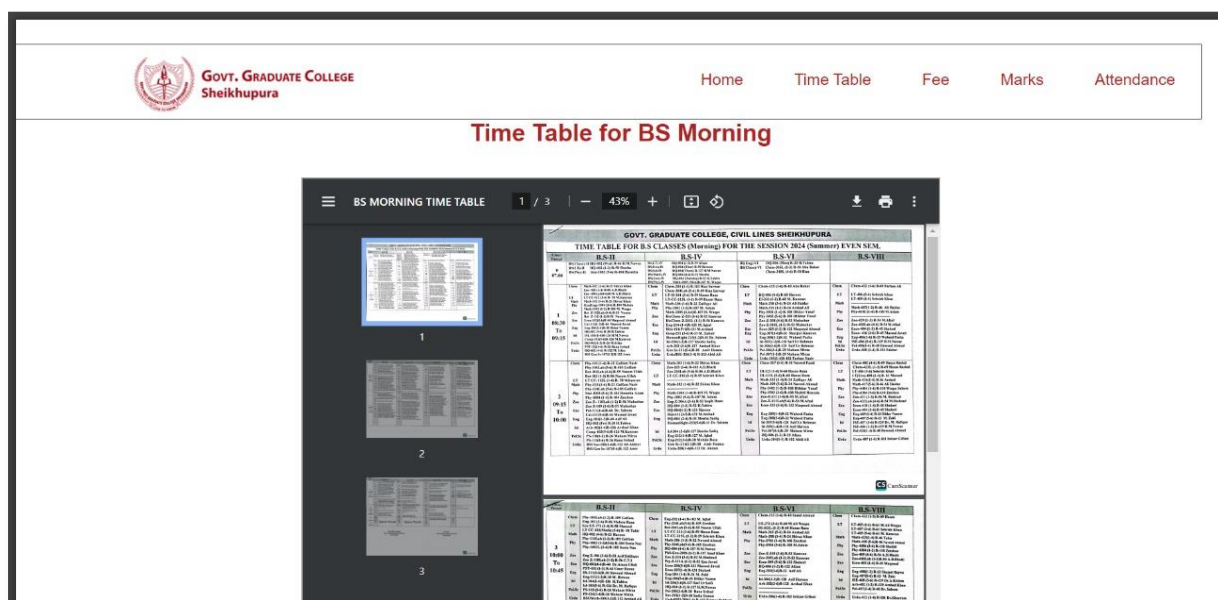
Course Selection

Course Category:


Index Page:



Time Table Page:



Fee Structure Page:

**GOVT. GRADUATE COLLEGE**
Sheikhupura

HomeTime TableFeeMarksAttendance

Submit Fee Online

Student ID:

Student Name:

Challan No:

Date:


Amount:

Payment Method:

Card No:

Submit

Marks:

**GOVT. GRADUATE COLLEGE**
Sheikhupura

HomeTime TableFeeMarksAttendance

Student Marks

Student ID:

Student Name:

Subject:

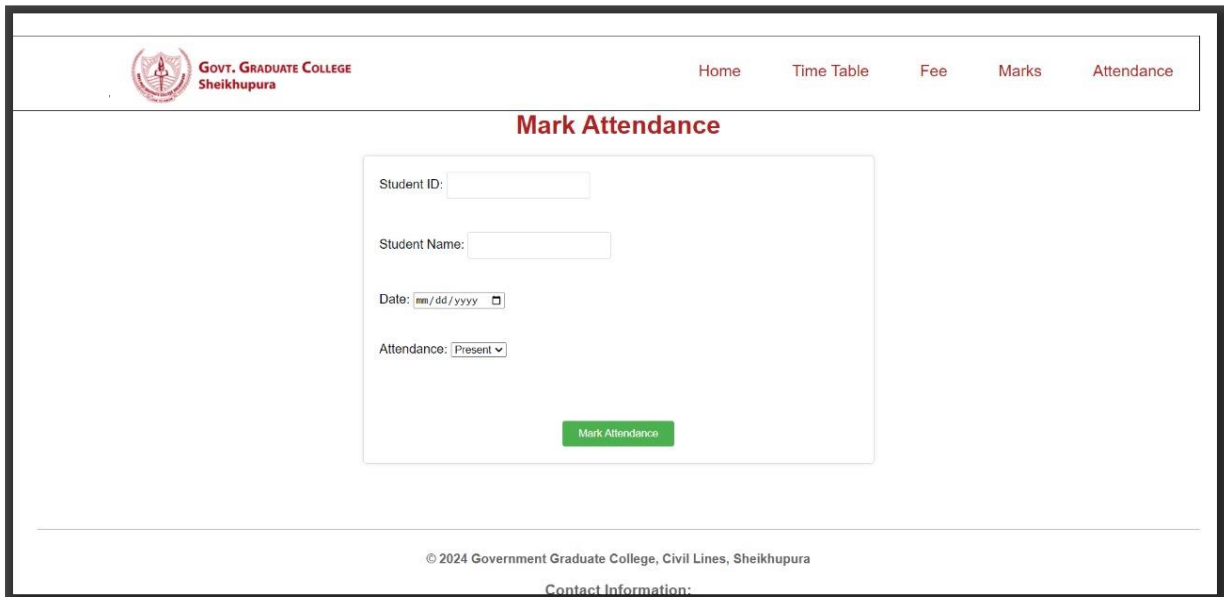
Marks:

Add Marks

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Contact Information:

Attendance Page:



The screenshot shows a web application interface for marking attendance. At the top, there is a navigation bar with the college logo and name "GOVT. GRADUATE COLLEGE Sheikhpura" on the left, and links for "Home", "Time Table", "Fee", "Marks", and "Attendance" on the right. The "Attendance" link is highlighted. Below the navigation bar, the title "Mark Attendance" is centered. A form is displayed with the following fields: "Student ID:" with a text input, "Student Name:" with a text input, "Date:" with a date picker showing "mm/dd/yyyy", and "Attendance:" with a dropdown menu currently set to "Present". A green "Mark Attendance" button is located below the form. At the bottom of the page, there is a footer with the copyright notice "© 2024 Government Graduate College, Civil Lines, Sheikhpura" and a "Contact Information:" link.

REFERENCES:

Websites from Google:

- GreekforGreek.org
- ChatGPT.