

Supervisors: -----

Date : 2025

STUDENT MANAGEMENT SYSTEM

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 <http://localhost/StudentMS-System/layout/app.php>



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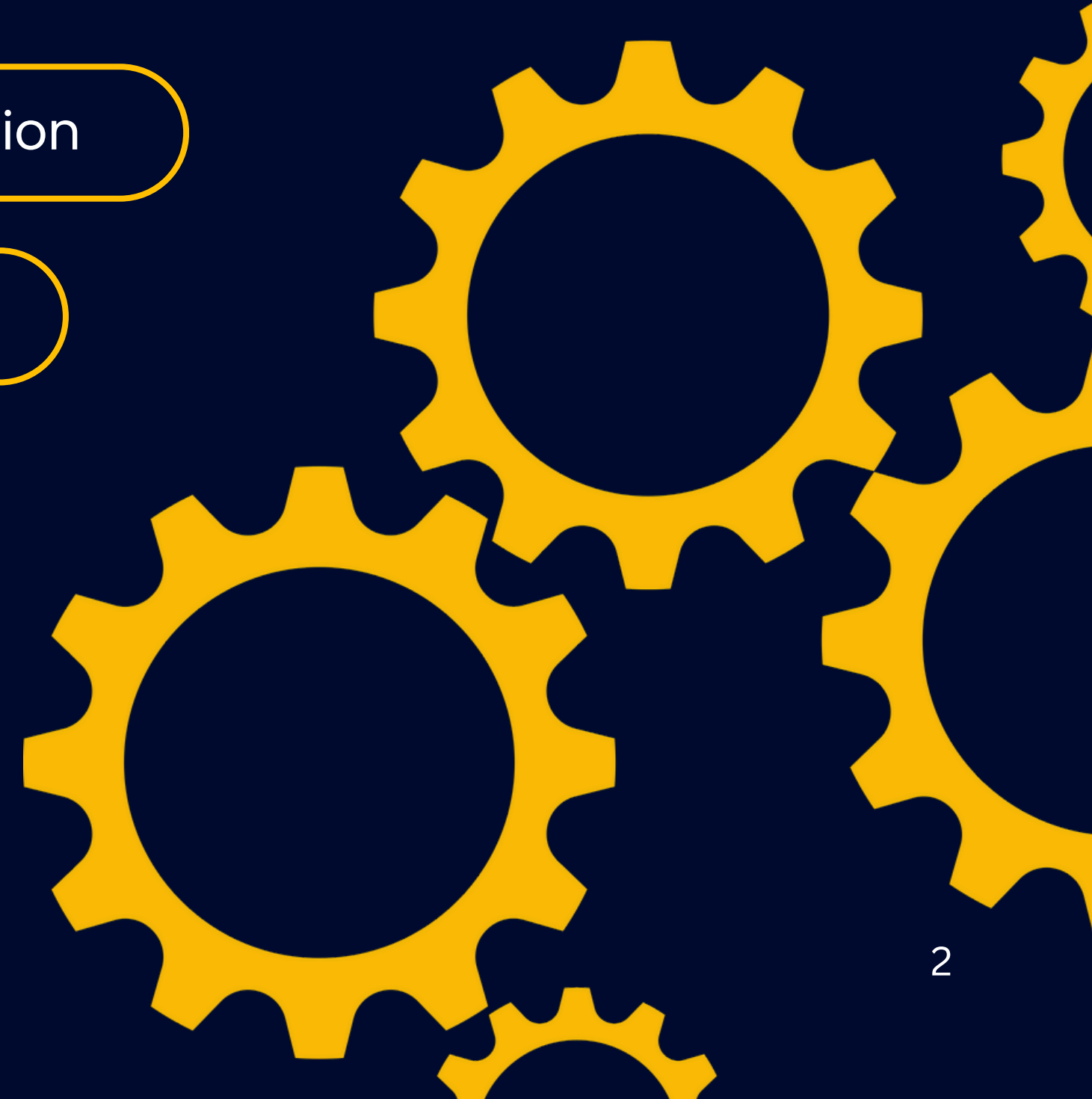
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OVERVIEW



INTRODUCTION

OVERVIEW OF THE SYSTEM



Purpose

The main goal of this system is to effectively oversee student and course information, simplifying administrative tasks while improving the overall educational experience.

Target Users

This system is tailored for educational institutions, encompassing both administrators and students, to enable smooth interactions and easy access to vital information.

SYSTEM ARCHITECTURE

COMPONENTS

- **Frontend :**

- Technologies : HTML, CSS, JavaScript
- Description : Intuitive and responsive user interface for a seamless experience.

- **Backend :**

- Technology : PHP
- Description : Manages business logic, processes user requests, and interacts with the database.

- **Database :**

- Technology : MySQL
- Description: The database stores all relevant data, ensuring efficient retrieval and management of information.



SYSTEM ARCHITECTURE

DATABASE STRUCTURE

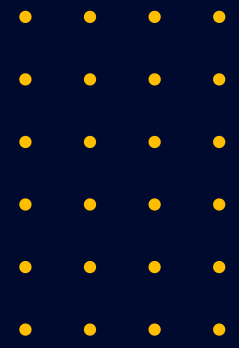
Tables :

- **Users** :- This table holds information regarding all system users, encompassing both administrators and students.
- **Students** :- This table keeps comprehensive records of students, which includes personal details and their enrollment status.
- **Courses** :- This table contains data on the courses offered, featuring descriptions, schedules, and enrollment limits.



HOME PAGE LAYOUT

This layout provides a clean and user-friendly interface for the Student Management System. The header includes essential navigation options for easy access to different sections. The main section greets users with a warm welcome message and clear options to register or log in, ensuring a seamless start to their journey. Finally, the footer connects users with the system's social media profiles, facilitating easy communication and updates through popular platforms.



HOME PAGE LAYOUT

01

Header Part :

- **Home** : Return to the main page of the Student Management System.
- **Student** : Access student features like profiles, grades, and schedules.
- **Course** : Explore courses, materials, and enrollment options.
- **Content** : Access resources, tutorials, and support documentation.

02

Main Section :

- **Welcome Message** :
 - "Welcome to Student Management System" sets a positive tone, emphasizing its purpose to enhance student management and the educational experience.
- **Options** :
 - **Register** : A button for new users to create accounts and set up profiles.
 - **Login** : A button for returning users to access accounts and manage courses, view grades, and use personalized features.

03

Footer Part :

This Footer part to add "Social Media Links" likes

- WhatsApp
- Instagram
- Facebook
- Gmail



USER REGISTRATION AND LOGIN

User Registration

The Student Management System provides a streamlined onboarding process for new users, requiring a unique username, a valid email for verification and notifications, and a secure password that meets specific criteria. These elements ensure a secure and efficient entry point for managing educational needs.

User Login

The Student Management System offers a user-friendly experience for managing academic activities. Students can log in using their username or email for convenience. Once logged in, they can easily manage courses, enroll, track progress, and view grades, empowering them to monitor their academic performance and take control of their educational journey.

STUDENT DASHBOARD

The Student Dashboard is a thoughtfully designed tool that prioritizes ease of use and accessibility for administrators and educators. Its intuitive layout, with a clearly defined header for navigation and a comprehensive view of student information, streamlines the management of student records. Key features such as the powerful search function, refresh capability, and the ability to add new students enhance efficiency and ensure that users can access and update the most accurate data quickly. The Action Column offers practical options for viewing, editing, and deleting records, further supporting effective student data management. Overall, the Student Dashboard is an invaluable resource for educational institutions aiming for seamless student record management and improved decision-making processes.



Adding a Student

The Add Student page is a crucial part of the Student Dashboard, streamlining new student enrollment. Its organized interface captures vital information accurately, while features like validation checks enhance user experience for administrators and educators. Submitted data is securely stored in the database, ensuring easy retrieval and management of student records, which supports data integrity and effective communication. Overall, the Add Student feature is essential for maintaining a comprehensive student management system.



Viewing and Editing Student Information

The Show and Edit options on the Student Dashboard are essential for managing student information effectively:

- **Show Option** : Allows educators to view a student's detailed profile, including personal information and academic records, with a Print feature for offline documentation.
- **Edit Option** : Enables easy updates to student information through a pre-filled page, supported by validation checks to ensure data accuracy.

These features improve the efficiency of information management and support informed decision-making, creating a more responsive educational environment for educators and administrators.



DELETING STUDENT INFORMATION

The Delete function is a vital feature for ensuring the accuracy and relevance of student information in the Student Dashboard. It enables users to securely and efficiently remove records, promoting effective data management practices. Additionally, the inclusion of a confirmation prompt boosts user confidence by ensuring that deletions are deliberate and thoughtfully made. Ultimately, the capability to delete student information leads to a more streamlined and organized method of managing student records, enhancing the overall educational environment.



COURSE MANAGEMENT

The Course Dashboard offers a user-friendly interface for managing course information, similar to the Student Dashboard for effective navigation.

Course Table Key Fields :

- **Course ID** : Unique identifier for tracking.
- **Course Name** : Official name for clarity.
- **Course Code** : Standardized code for registration.

Course Management Functions :

- **Add Courses** : Users can add new courses easily by completing a form.
- **Edit Courses** : Users can modify existing course details and save updates.
- **Delete Courses** : Users can remove courses with a confirmation prompt to prevent accidental deletions.



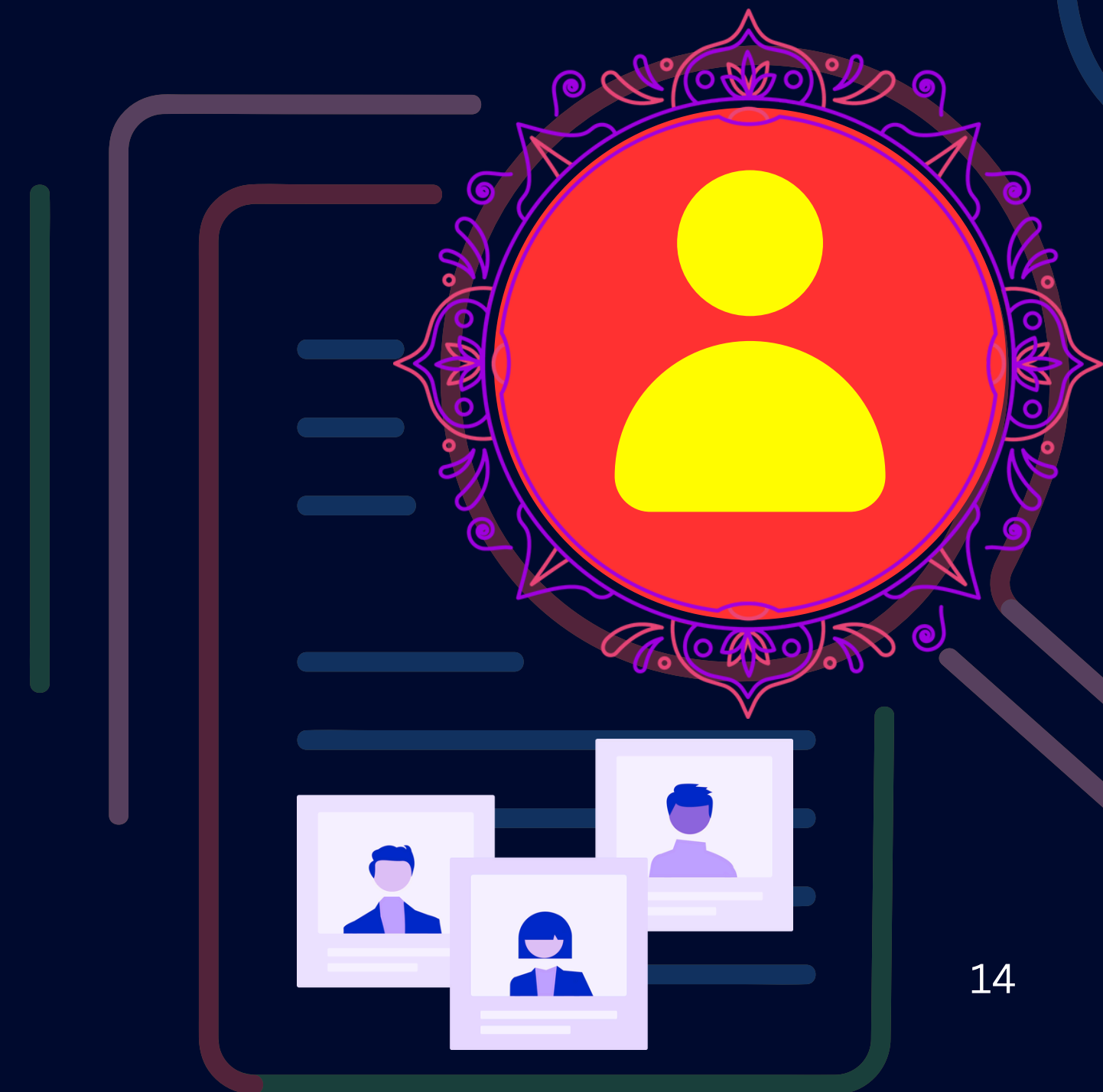
USER PROFILE

The Profile Page offers users a clear overview of their account, displaying key elements such as:

- **Username** : Unique identifier for login and personalization.
- **Email ID** : Registered email for communication and notifications.

This layout promotes transparency and user confidence.

The Logout Option is essential for securely exiting the system, protecting accounts from unauthorized access, especially in shared or public environments.





DATABASE STRUCTURE

Database Name : studentms_System

The database structure of the studentms_System is designed to provide a robust framework for managing student, course, and user information efficiently. By organizing data into distinct tables, the system ensures that all relevant information is easily accessible and maintainable. This structured approach not only enhances data integrity but also supports effective querying and reporting, ultimately contributing to a more streamlined educational management process.



TECHNOLOGIES USED

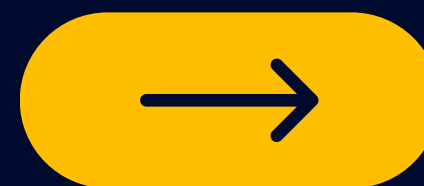
The integration of HTML, CSS, and JavaScript for the frontend, paired with PHP for the backend and SQL for managing databases, establishes a strong and efficient educational management system. This technology stack facilitates a smooth user experience while ensuring secure and effective data handling, which plays a crucial role in the application's overall success. By utilizing these technologies, the system is adept at addressing the needs of students, educators, and administrators alike.





CONCLUSION

Overall, the Student Management System not only enhances the operational efficiency of educational institutions but also contributes to a more organized and effective learning experience for students and faculty alike. By leveraging modern technologies and user-centric design, the system is well-positioned to meet the evolving needs of the educational landscape.



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THANK YOU

