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Student Portal

Dr. S. Thilagavathi¹, Ajumal Roshan K²

¹Research scholar, Assistant professor, Department of computer science

²Department of computer science, Sri Krishna Adithya college of arts and science, Kovaipudur, Coimbatore, Tamil Nadu, India

Email: ajmulroshan@gmail.com

ABSTRACT

The project entitled STUDENT'S PORTAL is aimed at developing a web-based student details portal for the tutor in the college. The system can be accessed and effectively used by the tutor. This system is used by the tutor to have every information about the student. A large database of the students wherein all the information of the student is recorded by the tutor. This project provides the facility to maintain and view all the information about the student. It reduces manual work and consumes less paperwork to reduce the time. So, the main goal of the project is to make the tutor's work simple and easy by developing an effective portal system using PHP/MySQL.

Existing system

In colleges, the details of the student are maintained in the logbook of the tutor manually. It consumes a lot of time. Update any details is a very difficult task. The manual work may sometimes lead to wrong data updating. The major disadvantage of the existing system is updating of details. Retrieving the information of a single student consumes much time. The search for the details of students manually may sometimes commit a mistake. Generating reports of some marks of students sometimes leads to a wrong calculation in the existing system.

Disadvantages

- System Downtime
- Compatibility Problems
- Reduced Personal Interaction

Proposed system

The proposed student portal is designed to enhance the academic and administrative experience for students by offering a comprehensive, user-friendly platform. At its core, the portal will feature secure authentication and personalized profile management, allowing students to access and update their personal information, academic records, and enrollment details. Key functionalities include course management tools for registration, scheduling, and assignment tracking, as well as easy access to grades and feedback. The portal will integrate communication and collaboration features, such as an internal messaging system and discussion boards, to facilitate interaction between students and faculty.

Advantages

- Reduced time consumption
- Digitalized the data
- Easy report generation
- Updating data is easy

System specification

SOFTWARE SPECIFICATION

OPERATING SYSTEM : Windows 10

FRONT-END : PHP

BACK-END : My SQL

HARDWARE SPECIFICATION

PROCESSOR : AMD A4-3320m Pu with Radeon™ Hd Graphics

INSTALLED MEMORY : 2.00 GB (1.72 Gb Available)

SYSTEM TYPE : 32 Bit Operating System

Conclusion

A student portal is a powerful tool designed to enhance the academic experience by consolidating various educational, administrative, and personal resources into a single, accessible platform. By providing features such as course management, communication tools, academic tracking, and administrative support, the portal aims to streamline processes and improve efficiency for both students and faculty. However, the implementation of a student portal comes with challenges, including potential technical issues, user experience concerns, privacy and security risks, and the need for ongoing maintenance and support.