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College Management System

ABSTRACT

The College Management System application that allows us to access the total information about the college, staff, students, and facilities. In this application, we can get the latest information about the students and staff. This application will maintain the students' course details, fee structures, syllabus, and also time tables for the students. The application will be maintained by the administrator and he can generate the fee payments, leave reports, etc.

EXISTING SYSTEM

In the existing system, everyone must go to the college campus to get the information about the college, courses, fee and time tables, etc. the existing system consume much time to get any information about the colleges. There is no security for the college files and to keep secure we need to maintain the database. But, there is no online algorithm.

Disadvantages of the Existing System:

1. College have limited time per day

2. Time-consuming process

3. Less security to the college information

4. We cannot create manually for all files within the time.

PROPOSED SYSTEM

To solve existing system drawbacks, we develop a time-efficient application named as "College Management System". By using this application any type of user like student, staff, and

administrator can log in into the system and they can perform their desired action in this application. The proposed system provides high security to the college information including student and staff details.

Advantages of the Proposed System:

1. The application can be accessed through the internet

2. User-friendly application

3. Any time can visit this application

4. No need to visit the college for getting college information

IMPLEMENTATION

We have 3 main modules;

1. Administrator Module

2. Student Module

3. Faculty Module

Module Description:

Administrator:

The administrator can view and edit his own profile. He can register the new students and faculty into the application. The administrator can manage the account details and also he can generate the fee payment reports, leaves, and academics.

Student:

The student can add by the administrator into the application. After login into the application, the student can view, edit, and update his profile. The student can apply for leave and view its status. The student can pay the fee in this application and view his academics.

Faculty:

The faculty can view, update or edit hid profiles in the application. The faculty can search for the student leaves and he can approve the leaves. The faculty can update student academics.

SYSTEM REQUIREMENTS

Hardware Requirements:

- Processor   -   Pentium –IV
- Speed   -   1.1 GHz
- RAM   -   256 MB (min)
- Hard Disk   -   20 GB
- Key Board   -   Standard Windows Keyboard
- Mouse   -   Two or Three Button Mouse
- Monitor   -   SVGA

Software Requirements:

- Operating System   -   Windows XP/7/8/10
- Programming Language -   C++

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