Software requirement of the college management system.

Category: Web application

Purpose:

To maintain all activities of this college properly including admission.

Scope:

The main objective of the College Management System is to manage the details of College, faculty, course, batch, session. It manages all the information about college, student, session, college.

Introduction:

This system provides the detail structure of the college campus and its departments. College management system synchronizes the working of all the departments. It looks on all aspects of a college, its students, faculties, Departments, marks and other co – curricular activities.

College management system is the easiest way to manage all functionalities of a college. It is a value-added service which facilitates colleges to maintain the functionality related to college employees and their students.

College management software is a simple
yet powerful one join integrated platform that
connects all the various departments of an institution like

Administration, Attendance, Staff details and many more specialized modules.

The system college management system can be used to manage the data of all type of educational institutes. It will support both stand alone and also networking environment.

Advantages:

1. Management of educational institutions has always been a reason of deep concern for people associated with it. Initially, there were limited options for the management as most of the admin tasks had to be done manually.
2. Reducing the work load: Human resource power of any organization functions better when the work load at every job is minimized.
3. Increasing productivity: The right use of college management system software will increase the productivity of a college to a large extent. Some of these software systems are based on the regular output of work.
4. Better control: college management software is designed to empower management to have better control on all functions. Such a system will integrate all functions including payroll, accounts, canteen, inventory, student's channels, etc.
5. Security of data and records: It is essential for the management to have a system that will store data on a secure platform, and that's what college management software offers.
6. Real time reports: Gone are times when manual report generation was used in educational institutions
7. Better student relations: A college that is managed on college management system will witness better relations with students. College management software acts like a virtual platform for students and management alike, and there are fewer chances of miscommunication

Functional Requirements of the system:

1. Admin:
2. Employee:
3. Student
4. Department
5. Course

The functional requirements of this system are:

1. Register new students.
2. Record the attendance of students.
3. Record the internal marks of students.
4. Record the feed details of students.
5. Register a new teacher/employee.
6. Register a new user for the system.
7. Record the salary details of employees.
8. Record the course details and subject information.
9. Record the scholarship details and information.

Non-Functional Requirements of the system:

In this system, the authentication of the user is an important factor. In this system, user authentication will be done by login by user name and password and classified by user type. Users will get access to the system as permissions are classified for that type of user.

The system has a consistent interface so that the system is easy to use and in the interface of our system buttons and forms are used to enter data related to a specific module.

Software Tools:

Visual studio, SQL Server, Net Framework 3.5.

Deployment:

Operating System: Windows 10, windows 8, Linux & or above.

Hardware specification:

System: P IV or above.

RAM: 1GB or above.

Hard Disk: 10GB or above.