

MINI-PROJECT -1

(2019-2020)

College Management Web Application

SYNOPSIS



Institute of Engineering & Technology

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1.) **Abstract:**

College Management System is an internet based Web Portal that aims at providing information to all levels of management system for the College. This system can be used as an information management system for the college.

For a given registrar / staff / student (Technical / Non-technical) the Administrator creates login & password, using these registrar/ staff / student (Technical / Non-technical) can access the system to either upload or download some information from the database.

2.) **Motivation:**

Every organization whether big or small, has challenges to overcome and managing the information of Course, College, Faculty, Exam, Students. Every College Management System has different College needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

3.) **Objectives:**

The main objective of the Project on College Management System is to manage the details of College, Course, Batch, Faculty, Students. It manages all the information about College, Exam, Students, and College. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the College, Course, Exam, and Batch. It tracks all the details about the Batch, Faculty, and Students.

4.) **Modules of College Management System:**

- Student Module: Here the administrator can register the students to get them enrolled in the college.
- Faculties Module: Here the admin can add the faculties and then can view according to the subject the faculties that teach the subject.
- Subjects Module: Used for managing the information and details of the subjects.
- Score Module: It is used to view the scores of the students present in the college.
- Article Module: Here the college posts the articles related to their college.

5.) **Proposed Technologies:**

- **JavaScript:** It is a programming language, commonly use with web browsers
- **PHP:** Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.
- **MySQL:** MySQL is a database, widely used for accessing querying, updating, and managing data in databases.
- **HTML :**For user interfaces
- **CSS :** For making interfaces more attractive and stylish
- **Bootstrap 4:** For make website responsive.

6.) **Features of the Project:**

- Product and component based
- Query List to any depth
- Attachments & Additional Comments for more information
- Robust database back-end
- Contains better Storage capacity
- Accuracy in work
- Easy & fast retrieval of information
- Access of any information individually.

- Easy to update information
- Work becomes speedy.

7.) **Future Prospects:**

- SMS alerts facility.
- Cloud based software.
- Smart card and another facility.
- Internet banking support by software.

8.) **Requirements:**

Hardware:

- 500 GB Memory
- 4 GB RAM
- i3 processor

Software:

- xampp
- phpcodeigniter
- phpstorm
- Web Browser

GitHub ID:

- <https://github.com/AdeshChauhan19/CollegeManagementSystem>

9.) **References and Bibliography:**

- Google for problem solving
- <https://www.w3schools.com/html>
- <https://www.w3schools.com/bootstrap>
- <https://www.w3schools.com/css>