A

Minor Project Synopsis on

Course Management System

Bachelor of Technology Computer Engineering

by

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1. Introduction

A course management system is a centralized system through which the instructor can manage all the courses offered in a single place and keep track of all the students metrics.

Course management system become an integral a part of the upper education system. It will make teaching and course management easier by providing a framework and set of tools for instructors. The executive aspects of such systems will include the ability to record students' grades. With relevance the teaching aspects, however, it will include posting lectures, notes and tests . CMS will also function as a bulletin board where teacher can post any announcement related to classes. The CMS tool additionally focuses on all aspects of teaching, learning and teacher-student interaction.

2. System Summary

For every education or course there should be consistent interaction between students for submitting assignments and home works, projects, and thesis and acquire feedback. In this exiting system students need to visit faculties and take appointment from faculties or instructors to submit work.

The system will be developed considering every single quality factor. Due to this reason the system will be extremely secure from the crash down downside. Moreover, the system will be very reliable and attributable to the safety features, provides for the course management system, unauthorized users cannot access the system.

Considering problems in existing system code application is meant that contains 3 modules.

3. Module summary

Administrator Module: Admin can produce accounts for college students and faculties and make course programmed list and add instructors and students to it course list.

Admin can also handle the credentials for students and instructors.

Students Module: Student can register with application or the proposed system and login with user name and password. Student will check and submit home work. Students can also choose optional courses if they want.

Instructor Module: It can check student's home works or the assignments and assign grades for work. Instructors can also offer any course they want to teach.

4. Conclusion

CMS project will be developed with node.js as backend solution. The main aim of this system is to implement an online based portal with education data which is able to be help both faculties and students. Online education is one of the quick growing fields on the internet where users will directly solve issues by visiting web site. This method had inflated scope of online education and online courses.

5. Tools Required/Platform Used

This project requires the following **:**
Hardware:
•Processor : I3 or above.
• RAM : 1 GB or more
Software:
• Windows 7(32-bit) or above.
• Programming Language : Node.JS
•Database : MySQL

5. Brief Profile of the Team

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