Campus Management System

K Syam Kumari[1], Yekula Sathwika[2], Bandaru Radhika[3], Pinnamaneni Sreeja[4], Mekala Surekha[5]

[1]Assistant Professor, Department of Information Technology

[2,3,4,5]UG student, Department of Information Technology, Branch: Computer Science and Business System

SRKR Engineering College, Bhimavaram, Andhra Pradesh, India

Abstract*: The Campus Management System (CMS) represents a pivotal advancement in educational technology, offering an integrated software solution tailored to the complex needs of modern educational institutions. This comprehensive system is designed to revolutionize administrative tasks, enhance efficiency, and foster a more organized campus environment. Through seamless automation of various processes, CMS empowers administrators, faculty, and students to navigate campus operations with ease. Utilizing Full Stack Development, CMS ensures seamless integration of front-end and back-end components, resulting in a user-friendly interface accessible to all stakeholders. This approach streamlines administrative tasks, simplifying processes such as student enrolment, course management, and resource allocation. Furthermore, CMS harnesses the power of Machine Learning (ML) algorithms to optimize key processes. These ML algorithms enable intelligent automation of tasks such as resume evaluation, eligibility criteria assessment, and course recommendations based on student performance. By analyzing vast amounts of data, CMS empowers institutions to make data-driven decisions, enhancing the overall educational experience for students. The integration of technology within educational institutions through CMS represents a significant step forward in campus management. By leveraging Full Stack Development and Machine Learning algorithms, CMS offers a robust solution to the challenges faced by modern educational institutions, ultimately paving the way for a more efficient, effective, and student-centric campus environment.*

Keywords: Campus Management System (CMS), Full Stack Development, Machine Learning (ML), Administrative tasks, Student-centric environment, HTML, CSS, PHP, Python, Flask

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