

AI-Driven Learning Management Systems: A Next-Generation Approach to Digital Education

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Abstract— Learning management systems (LMS) is a robust platform that enhances the creation, delivery and management of educational content by institutions, students and industry experts. Utilize customizable access control, efficient stacking management, and tutor tasks to effectively organize your courses and make the most of available resources. The LMS platform enhances its dedication to inter active live meetings, real-time communication tools, seam less content exchange, and fostering collaboration between learners and trainers. Attributes like performance and progress enable educators to evaluate student assignments and interventions as necessary. Nevertheless, automatic notifications enable learners to remain informed and updated with the latest content. The accessibility and scalability of LMS guarantees that every learner can access top-notch educational materials, regardless of their situation. As educational requirements evolve and transform, the system can effortlessly adjust to accommodate various programs and individuals. Essentially, LMS offers a dynamic learning environment that allows both trainers and learners to success fully accomplish their educational objectives.

Index Terms— Learning management system, educational technology, course management, real-time communication, interactive learning, tutor task management, student performance evaluation, automated notifications, content delivery, scalability, customizable access control, live virtual classes, educational collaboration.