

AI-POWERED LEARNING MANAGEMENT SYSTEM

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ABSTRACT:The escalating demand for efficient and personalized learning solutions has highlighted the limitations of conventional Learning Management Systems (LMS). This project proposes an AI-driven LMS that leverages machine learning (ML) and artificial intelligence (AI) to enhance personalized learning, automate administrative tasks, and provide predictive analytics. The system facilitates real-time course recommendations, automated grading, and chatbot-based support. By employing natural language processing (NLP) and advanced analytics, the proposed LMS enhances learner engagement, customizes learning pathways, and delivers a seamless digital learning experience. The scalable infrastructure ensures accessibility across diverse learning environments, paving the way for the future of AI-powered education.

KEYWORDS: AI, Learning Management System, Personalized Learning, Predictive Analytics, NLP