

Application of the LMS system to enhance efficiency in learning management at the University of Education - Thai Nguyen University

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Abstract: This study investigates the application of a Learning Management System (LMS) to enhance the effectiveness of academic management at the University of Education, Thai Nguyen University. Adopting a mixed-methods approach, the research evaluates the current state of educational administration, identifies key challenges, and measures the impact of LMS implementation on administrative efficiency and learning outcomes. Data were collected through surveys and interviews with administrators, lecturers, and students. Findings reveal that the LMS significantly streamlines course management, improves communication, and facilitates access to learning materials, thereby increasing overall operational efficiency. However, the study also highlights persistent issues such as limited technical infrastructure, insufficient digital literacy among users, and resistance to change. The research concludes that while the LMS offers substantial benefits for modernizing academic management, its success depends on strategic investment in training and infrastructure. These insights provide practical recommendations for higher education institutions seeking to optimize digital transformation in educational administration.

Keywords: LMS, learning management, effectiveness, University of Education