

## Learning Management System

Learning Management Service (LMS) Educational Services, a prominent e-learning platform, is faced with the pressing need to modernize its education delivery system to align with the demands of the digital era. In response to the demand for online education, the LMS currently offers courses primarily through conventional classroom settings, leading to growing complexity in managing student data, enrollment, and course administration. Educational Services envisions enhancing its academic offerings through the creation of a robust online learning platform.

This new platform is expected to provide a seamless and user-friendly experience for students, instructors, and administrators, thereby streamlining processes related to enrollment, course management, teacher, and student. Notably, it should incorporate robust authentication and authorization features, permitting access to specific content contingent on user roles. Moreover, the system should accommodate student registration for courses and also include a prerequisite verification mechanism for specific courses.

Educational Services anticipates that transitioning to this online platform will not only optimize their operational efficiency but also broaden their reach, thereby increasing both student enrollment and revenue. The platform's paramount priorities encompass safeguarding data integrity, delivering an engaging, accessible, and intuitive user interface to cater to a diverse audience, and fostering a sense of community among learners. This project ultimately endeavors to revolutionize the way Educational Services imparts knowledge to its students, rendering it accessible to a broader audience in a more efficient and interactive manner, aligning with the evolving landscape of digital education.