

Building an AI-integrated TOEIC preparation LMS system

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Abstract: The author builds a specialized Learning Management System (LMS) platform for TOEIC exam preparation. The system integrates AI to automatically grade test sections, analyze learners' strengths and weaknesses, and personalize practice paths. A key feature is the use of a vector database and multimodal AI processing flow to explain incorrect answers and provide supplementary materials tailored to each student.

Keywords: LMS, TOEIC, Artificial Intelligence, Personalized Learning

References

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