

Case Study:

Transforming language learning with an enhanced LMS platform

This case study demonstrates how a strategic LMS upgrade can significantly enhance the learning experience, improve user engagement, and support business growth in the competitive EdTech sector.



EdTech company specializing in foreign language education for kids and adults

1. Challenge

Client:

The EdTech company faced several challenges with their outdated Learning Management System (LMS):

Scalability:

the platform struggled to

Complex architecture:

the existing LMS structure was intricate and inefficient, negatively impacting user experience.

Personalization:

absence of tailored dashboard

Content integration:

difficulty in securely integrating third-party content from various platforms.

User engagement:

lack of interactive features and

accommodate the growing number of users, especially on mobile devices.

experiences based on user profiles and language courses.

real-time progress tracking for learners and instructors.

2. Solution

To address these challenges, the company partnered with **ZONE3000** to implement a comprehensive upgrade strategy:

Platform migration:

transitioned from Drupal 7 to Drupal 8 for improved architecture and functionality.

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Interactive features:

implemented quizzes, progress tracking, and real-time feedback mechanisms.

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Responsive design:

Content integration:

third-party language learning content.

developed API integrations to seamlessly incorporate

ensured full mobile compatibility to cater to on-the-go language learners. 5

Personalized dashboards:

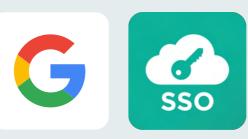
created user-specific dashboards displaying relevant language courses and progress.

3. Technology Used









CMS:

Drupal 8 for robust content management and scalability.

APIs:

Google API for content integration from various platforms.

Front-end:

Responsive design techniques for crossdevice compatibility.

Automation Tools

Single Sign-On (SSO) implementation using Google and other education-focused platforms.



The LMS upgrade resulted in significant improvements across various aspects of the platform:



User experience:

streamlined site architecture led to a **42% increase in user** engagement.



Content accessibility:

seamless integration of thirdparty content **improved course completion rates by 38%.**



mobile user retention **increased by 56%** due to responsive design implementation.



Personalization:

tailored dashboards contributed to a 22% increase in daily active users.



Scalability:

the platform now efficiently handles a 2x increase in concurrent users without performance issues.

