



NEXT-GENERATION SOLUTIONS FOR YOUR LMS

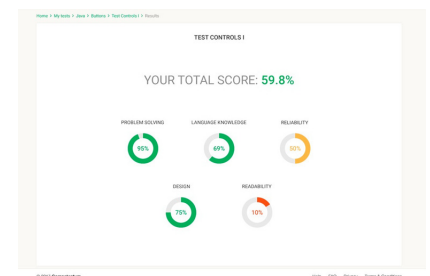
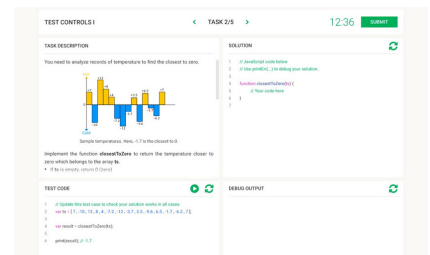
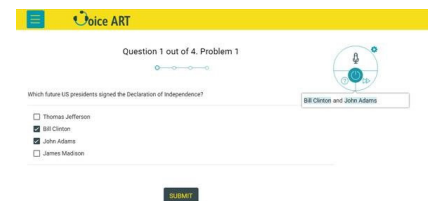
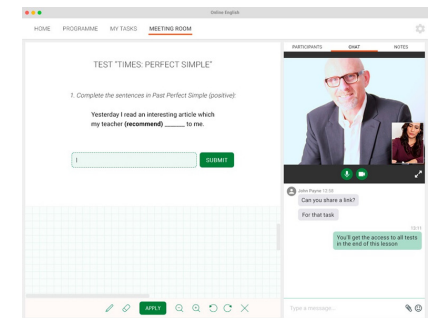
Competentum is a project-ready team of top-talent EdTech engineers powered with pre-developed solutions for organizations looking to build LMS functionality. Prior to hiring Competentum, our clients struggled with a lengthy onboarding process when working with new developers since they lacked the domain knowledge. We address this issue by hiring EdTech domain experts and providing pre-built solutions that solve common challenges when developing an EdTech product. This set-up significantly improves your time to market and quality while leaving the door open for various customizations and integrations.

ASSESSMENT SOLUTIONS

- **Problem Types and Automated Scoring:** We developed thousands of problem types and gradable simulations for our clients. Competentum eLearning Kit contains more than 20 problem types and over 500 simulations.
- **High-Load Assessment Services:** In one of our projects we had to sustain 6,000 requests/sec.
- **Interoperability and Integration:** Using technologies like LTI to allow integration of third-party components as well as supporting a wide range of LMS.
- **Gradebook Reporting and Analytics:** We can use such data as score and take time distributions for visual teacher and admin dashboards as well as for content error detection.
- Other custom features include **automated feedback** generation for incorrect responses, **algorithmic content support** to assign a unique version of a particular assessment item to a group of learners, building **accessibility** into assessment engines, and more.

USE CASES:

- Digital courseware
- Virtual simulations
- On-line homework
- Examination and testing
- Comprehension check
- Staff assessments
- Interviews
- Polls

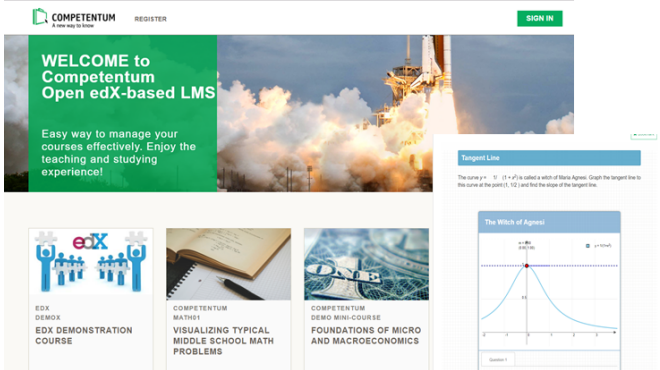




LMS DEVELOPMENT AND CUSTOMIZATION

Be it custom platform development tailored to your use cases or customization of existing LMS, we provide solutions for both. We have experience with all the major LMS systems on the market, both commercial (Canvas, Blackboard, D2L) and open-source (OpenEdx, Moodle). What we offer:

- LMS Custom Development Open-
- Source LMS Customization Mobile
- Applications for Platforms
- Interoperability Implementation
- Platform Modules Integration



KNOW-HOW: BIG DATA IN EDUCATION

Any student activity data is stored and can then be leveraged in two ways: for real-time visual dashboards and off-line analysis using data science and machine learning techniques.

Competentum has access to leading scientific groups in the domain of Artificial Intelligence and Machine Learning coupled with outstanding engineering workforce implementing big data solutions.

CONTENT ENGINEERING

Educational content is so complex that it requires a multi-step process of development and verification before publishing. Competentum provides the following solutions for Content Creation and Management Systems (CCMS) development:

- Visual Editors
- Content Management Systems (CMS)
- Content Quality Control Tools
- Content Migration and Conversions
- Content Usage Analytics and Reporting

Our portfolio includes development of CCMS that host millions of content items, where each digital product can contain up to 100,000 items that need to be authored, quality controlled, deployed and analyzed.

