

Kimind Consulting and Codex Software: developing the eLearning platform

About

Codex Software and the international digital consulting company Kimind Consulting joined forces to develop ExamGeneral – a global eLearning platform designed to provide professional examination and testing services for big educational institutions, teaching professionals and their students.

The Challenge

The primary objective of the project implied building a global web-based examination platform entirely from scratch, turning the concept into a full-scale working solution. The scope of work in this case included thorough software engineering, comprehensive programming of back- and front-ends of the platform and development of certain functional components:

- ✓ Role-based functionality: several sets of software tools for platform administrators, educational facilities, teaching professionals and students;
- ✓ Secure testing and examination system, that allows to create, assign, check, approve and take tests online;
- ✓ Efficient and secure server-side data processing system;
- ✓ User-friendly web interface that implements UX best practices.

The Customer planned to use the new eLearning platform with numerous private and governmental educational facilities in France and other countries, so each of the listed components had to comply with strict software security, performance and usability policies and industry standards.

The Result

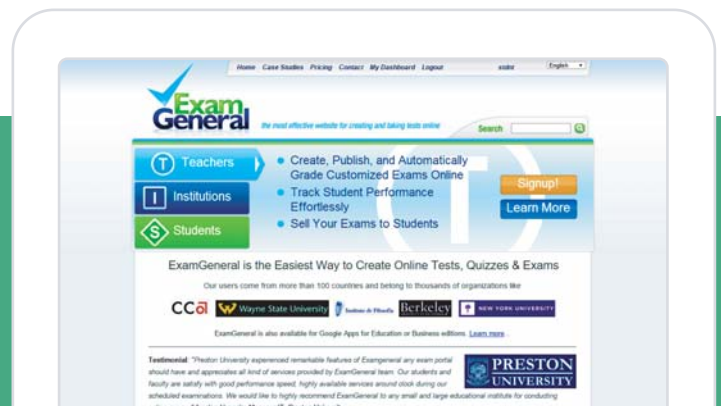
The eLearning platform was completed 100% on time and budget, and is now actively used by the Customer and its clients. Codex Software has met all the requirements and happily established a long-term technological partnership with Kimind Consulting, collaborating on building complex software projects up until today.

The Process

Codex Software started the development by architecting a profound back-end system based on the Amazon AWS technology suit to ensure the stability of the system under any workload. Combining it with the effective use of Zend Framework, we managed to meet all customer requirements regarding system functionality and performance. Some of the features ExamGeneral platform acquired include:

- ✓ Profound statistics system – allows to see values of certain questions in tests, compare students' results question per question and monitor the activities of all students taking a certain exam;
- ✓ Efficient communication facilities for teachers to schedule exams, set question order and shuffling for each exam, leave comments, etc.;
- ✓ User-friendly export system that allows providing students with signed graded certificates;
- ✓ Google Docs integration that enables adding a Google Document to exam questions and associating certain course chapters with Google Documents;

We wanted to make ExamGeneral a truly user-friendly system, compatible with common work processes of big educational facilities and professional teachers. To achieve this, apart from all features listed above, we have also added a well-engineered dashboard-based user interface that simplified the use of the software, making it easily understandable even to a tech novice.



For more information, please get in touch

P: +375-29-8724-928 E: contact@codex-soft.com