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ENGLISHCO

EnglishCo, LLC and Codex Software: building the eLearning platform

About

Codex Software contributed to the development of EnglishCo – a comprehensive eLearning platform designed for English language students, that offers personalized online teaching programs led live by American teachers. The set of its features includes, among others, task assignment based on a student's actual needs, weekly live classes, and feedback system.

The Challenge

The primary objective of the project implied close collaboration between the Customer and Codex Software on the development of the front- and back-ends of the software platform. This process demanded very smooth communication between teams Codex and EnglishCo for the following tasks to be successfully completed:

✓ PSDtoHTML conversion;
✓ Development of a mobile version;
✓ Automated testing of front and backends.

In the course, each of these major tasks exposed numerous smaller-scale challenges related to establishing smooth front-back end interactions, tweaking various subsystems of the platform and making the system work smoothly on mobile devices.

The Process

By the moment Codex Software joined the work on this project, the back-end had been developed using Java EE's popular frameworks Hibernate and Spring. Thereby, implementing the front-end required the knowledge of these technologies, so that EnglishCo users could utilize the functional components of the system properly.

Concerning the front-end related work itself, team Codex Software has relied much upon the well-proven JavaScript stack (i.e. jQuery, etc.) and completed numerous programming tasks to build the system's functional and sleek UI:

✓ Development of the mobile version, including markup, programming and thorough QA services;
✓ Development of language-specific chat widgets;
✓ Development of appealing visual effects (image carousels, etc.);
✓ Creation of the affiliate "tell-a-friend" system;
✓ Assistance in localization (text file export, etc.);
✓ Integration of 3rd party analytics;
✓ Numerous minor front-end tweaks and fixes.

As the result of the co-operation of Codex Software and the Customer, after several months of development the system acquired all the functionality needed by language students, including language skill level assignment, tools for individual work and studying as a member of dedicated group, scheduling and taking live classes, tracking progress and many other. Also, the platform got powered by Santilliana – the leading textbook publishing group in Spain and Latin America (operating revenue – over $733 mln yearly).

The Result

Codex Software provided all required markup, back- and front-end development and testing services within the negotiated time and budget, leaving the Customer genuinely impressed with the efficiency and mastery demonstrated by our team. EnglishCo successfully moved on on its way to the release, the date of which remains yet undisclosed.

For more information, please get in touch
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