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Company



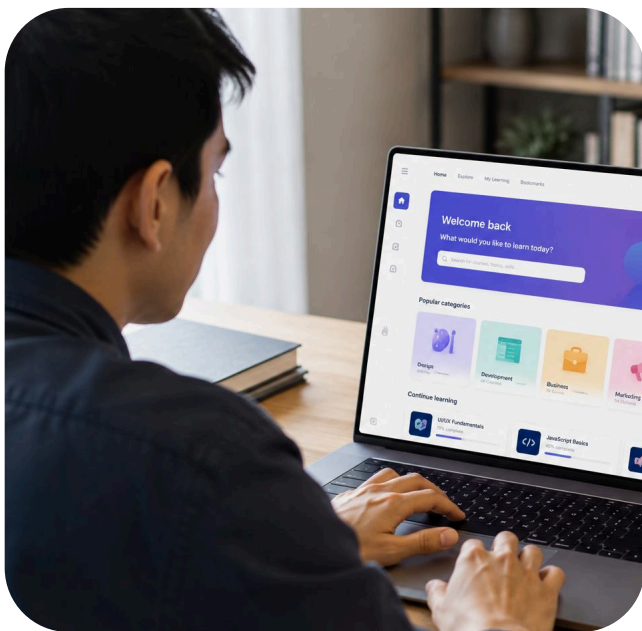
SCORM-Compliant eLearning Platform for Global Education Delivery

Uniting tutors and students worldwide through a cloud-based, social learning environment that streamlines distance education and corporate training.

Overview

We developed a high-performance, SCORM-compliant Learning Management System (LMS) using the LAMP stack and Yii framework.

- Integrated a secure social networking module to facilitate peer-to-peer collaboration, brainstorming, and real-time interaction between students and tutors.
- Enabled a sustainable revenue model through commission-based paid courses, supported by seamless PayPal and Stripe payment integrations.



Client Profile

This global eLearning company aims to unite top-tier tutors to provide students with specialized skills not typically found in traditional university curricula. Their platform serves as a critical bridge for professional development and academic excellence across multiple international territories.

Challenges: Beyond Books and Assignments

The client sought to transition from a standard content repository to an engaging, all-in-one education hub:

- **Engagement Barriers:** Traditional online learning lacked the social interaction and networking components necessary for modern student retention.
- **Administrative Load:** Tutors faced manual burdens in grading, transcript generation, and certificate issuance.
- **SCORM Compatibility:** The need to support standardized eLearning content (SCORM) to allow educational institutions to upload existing courseware easily.
- **Global Accessibility:** Building a cloud-native platform that remains performant across different geographical markets and varying internet speeds.

Solution: A Socialized Virtual Learning Environment

We engineered a robust education delivery solution built on an MVC architecture. The platform acts as a secure social network and a high-functioning LMS, allowing students to manage their time, files, and group work within a single dashboard.

Technical highlights of the implementation.

- **SCORM-Compliant Core:** Enabled the platform to host standardized interactive content, making it an attractive choice for colleges and private tutors.
- **Automated Academic Management:** Developed tools for tutors to automatically generate student transcripts and certificates upon course completion.
- **Rich Integration Ecosystem:** Synchronized the platform with Google Calendar for lecture scheduling, Google Drive for file imports, and YouTube/Vimeo for high-quality video study materials.
- **Social Learning Module:** Built features for status updates, likes, and comments, along with Arrowchat integration for real-time brainstorming sessions.

Key Features and Technical Highlights

- **Personalized Student Dashboard:** Task management, news feeds, and distance learning assessments with exportable event calendars.
- **Advanced Tutor Toolset:** Easy-to-use reporting tools, configurable online tests, and automated grading systems.
- **Universal Authentication:** Simplified user onboarding via Facebook OAuth and LinkedIn Login.
- **Unified Communication:** Integrated WebMail Lite (AfterLogic) for professional correspondence within the platform.
- **Responsive MVC Architecture:** Developed using the Yii framework (v1.1.13) and PHP, ensuring a community-driven, secure, and fast-loading web experience.

Impact

- **Global Market Expansion:** The solution successfully supported the client's growth into B2B and B2G models across Europe and the UK.
- **Revenue Scalability:** Established a robust commission-based ecosystem for paid courses, which continues to grow as more educational institutions onboard.
- **Enhanced Collaboration:** The integration of social networking features turned a solitary learning process into a collaborative, community-driven experience.
- **Increased Tutor Participation:** By providing reporting tools and course promotion capabilities, the platform significantly increased its global tutor base.
- **Student Success:** Automated certification and transcript features improved the employability of students by making their skills visible to potential employers.