

A BLENDED LEARNING EXPERIENCE FOR MILLENNIALS EDUCATION PORTAL SUPPORTS OMNI-CHANNEL LEARNING

An educational services company offering learning programs at 90 campuses across USA and Europe faced a challenge: a majority of students were opting for online courses via two virtual campuses. The company's Product Engineering department, which developed and maintained the learning portals and platforms, wanted to replace the legacy portals.

Standardizing the learning experience

The company partnered with Infosys to synchronize the learning experience across real-world and virtual classrooms. Infosys developed an interactive web application with a rich user interface for better learning. We integrated the portal with a third-party learning platform and digital classroom aids such as a discussion board and assessment modules.

We streamlined publishing of learning artifacts to minimize human intervention, and migrated content from legacy portals to Microsoft SharePoint 2010. We used Service-oriented Architecture (SOA) to address emerging user needs. Our SOA framework supports diverse mobile platforms and devices, enables reuse of back-end services for other IT programs, provides extensibility across





applications, and ensures scalability. In addition, the SOA backbone enhances responsiveness of learning portals and facilitates integration of new features.

Our experts blended advanced technologies to develop virtual classrooms: .NET 3.5 Framework, C#, Knockout JS, jQuery / jQuery Ajax / JavaScript, Windows Communication Foundation (WCF), and Cascading Style Sheets (CSS) 3.0.

Improving learning outcomes

More than 25,000 students and 1,000 members of the faculty use the Infosys adaptive learning platform. It enhanced the learning experience by improving interaction between learners and instructors. Intuitive navigation facilitated convenient consumption of content and improved outcomes of the web-based instruction system across learning phases. Our unified coding system reduced the codebase for the learning portals by ~40%, which minimized the maintenance cost.



For more information, contact askus@infosys.com

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