

Web2.0 Enterprise Learning and Talent Management

CASE STUDY

Algoworks helped an industry research and advisory services company to build a Web2.0 application on .NET platform to offer online access to comprehensive library of best practices to assist professionals in making fast and confident decisions.

CUSTOMER

The customer in focus is a US based research and advisory firm focused solely on research in enterprise learning, talent management, and talent acquisition. It offers online subscription based access to a comprehensive library of knowledgebase and business solutions that help organizations implement enterprise learning and talent management strategies for business performance improvement.

BUSINESS SITUATION

The customer had extensive experience in corporate learning, e-learning, performance management, leadership development, talent management, and enterprise systems. They wanted to leverage this experience and proactively service client needs, effectively utilize its knowledge, and operate efficiently as teams to ensure profitable delivery of services. The business need was to develop a comprehensive online software tool to

- Provide document management system for managing documents
- Provide membership based document access
- Allow users to search and find relevant document
- Transact online
- Establish online community network

SOLUTION

Algoworks proposed a robust and scalable Web2.0 architecture using .NET with extensive integration to multiple applications.

Central to the Web2.0 application was the (EKTRON) content management system. We developed a highly configurable admin module that allowed flexibility in managing members, roles/rights. We also built customized components to provide

- Document search (PDF documents need to be indexed and searched for relevant content)
- Membership based access to each document library (subject of research) - This provided secure environment for document access
- Document management - to create, share and manage documents

To enable ecommerce over the portal we provided integration with secure payment gateway for buying events and documents using shopping cart (ASPDotNetStoreFront). Integrating social networking tool (BlogEngine) helped to build online community network. Single sign-on across multiple applications ensured ease of use and enhanced user experience.

We followed agile development practices that enabled daily releases to the development server as the engagement demanded. The deliverables were moved to production environment after stringent UAT on the completed feature/functionality.

BENEFITS

- ✓ Ease of use and highly configurable Admin section.
- ✓ Highly secure and effective search for document access.
- ✓ Tight integration to multiple third party applications helped sustain member interest.

Portal Development

Platform - Microsoft Technologies

Domain: Corporate Training, Talent Management, Human Resources

Engagement Key points

- Engagement started in 2007 and ongoing
- Ramp Up Time from SOW sign off - 20 days
- Peak Team Size - 4
- Team composition - Project Manager, Technical Lead, Software Developer, Test Engineer
- SDLC: Agile

Tools and Technology used

- .NET 2.0
- C#, ASP.NET
- Ajax
- Telerik RAD controls
- SQL Server 2005
- EKTRON, ASPDotNetStoreFront, BlogEngine
- Google Mini
- SVN - configuration management

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