



SharePoint Development and Migration

About the Client

Our Client is a university established in 2004 with stated objectives to provide opportunities for students and their subsidiaries, which are educational institutions. The objective was to publish their abilities and inclinations, to facilitate the opportunities by providing the appropriate online services.

The core objectives were:

- To design a web portal with content management system that cater to the requirements of the organization such as construction of educational buildings, and renovation of existing educational sites, by investing capital sums in the private sector for the implementation of such projects.
- To improve the curriculum and constantly upgrade the general education system so that it is in accordance with contemporary societal and industry requirements.
- Develop online purchases for the institution and the request raised by the regional offices across the nation.
- Visualize the collaborative activities of the Students within the institution and across the regional offices of the Nation.

Business Challenge

Driven to the fulfillment of the vision held by them, the institution came out with a strategic plan as a part of which it wishes to redesign and improve their existing website and migrate to Microsoft SharePoint for a more interactive portal site with enhanced functionality. Currently the institution is running with more than 40 regional centers across the Nation with their independent web sites. The institution is seeking to merge all of these web sites and the content that give a unique branding.

Utilize and define the deployment architecture for the production environment with the limited infrastructure without impacting the performance and availability of the portal.

Our Solution

- Utilizing elements of the existing site but re-designing the user experience as well as the functionality, creating a rich interface with a Web 2.0 look and feel
- Flexible work flows
- Branding
- Alert Customization and Notification Services
- Consistent User Experience
- Simplified Web Part User Interface
- Wide Spread of Content Types
- ASP.NET Master Pages
- Feature Framework
- Extensibility and Programmability of Search
- "Pluggable" Authentication
- Extensive Content Management Services
- Picture Galleries
- A futuristic feature rich Document Management System
- Online Forms
- Dynamic Calendars and Events
- Management Dashboards
- RSS Feeds

Methodology

- Waterfall model
- Oakridge SDLC Methodology

Technologies

- Internet Information Services
- Microsoft .Net Framework 4.5

- Microsoft Office SharePoint Server 2013
- Microsoft SQL Server 2013
- Microsoft SharePoint Designer
- Microsoft Windows Media Services

Issues address

- Design reusable master and child templates/layouts for the corporate portal and 5 departments
- Design reusable templates/layouts for the regional offices, which will leverage the institution in publishing unlimited sites for the regional offices
- Analyze and redefine the content architecting and placeholders
- Easy movable drag and drop featured web parts
- Simplify the integration of business intelligence dashboards and key performance indicators
- Develop reusable online forms
- Design and develop bi-lingual solution both in English and Spanish
- Design and develop the solution for visually impaired people
- Real time video on internet using Microsoft Windows streaming services
- Migrate the content for 4000 web pages with web standards
- Remote implementation and installation of deployment architecture for production environment creating 6 server farm

Issues address

Oakridge SharePoint 2013 based Portal Solution was designed to not only simplify the users work experience but have it caters to Client's preferences and needs. Leveraging our innovation and invaluable experience from various implementations, Oakridge Portal Solution offered a high-quality UI, multiple layers of personalization and desktop conventions that make for unbeatable ease of use and quick adoption. And following are the key benefits

- e-Portal with high availability and Failover clustering
- e-Portal with adhere to best practices and standards laid down by W3C
- e-Portal with custom templates which are reusable and create their own individual department workspaces
- e-Portal which is extendable and also scalable

About Oakridge Infotech

Oakridge Infotech has been delivering technology solutions for global clients. We have grown into a mature IT solutions provider delivering innovative technology solutions and services across multiple domains. We provides services and solutions spanning across Microsoft's product line to deliver improvements across the entire enterprise. We engage with customers to help unify their web assets; including Content management, collaboration platforms, analytics, cloud solutions, enterprise mobility, CRM, ERP, social marketing, rich media applications, search, digital marketing integration, and many more. We make sure the customer expectations with user experiences, increased business agility, enriched quality and on time deliverables with tools and processes.



For more information, contact: info@oakridgeit.com

www.oakridgeit.com

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