



Project Management Portal – Webparts Implementation

Applying MOSS 2007 to Enterprise

Executive summary

The client needed a project management portal to streamline its project creation and management process of each project throughout the project lifecycle. Basically an extranet project management portal in MOSS 2007 which could be easily used by different agents across the globe was needed. The complexity increased with the requirement of various different user levels and different permissions for each level. Finally, there was a requirement to automate the entire deployment process for the solution and/or features which needs to be carried out on the production server. Client was searching for offshore service providers who would have top project management experience with stable processes, who would be able to understand the subtle nuances of an intricate project management system. Mindfire pitched in with the solution and with its cutting edge expertise in SharePoint as well as Project Management experience of over 10 years, helped the client in building the application through SharePoint Webparts implementation.



The Mindfire Solution

Mindfire offered its services and claimed client’s confidence showing expertise in related domain and technical areas. After

Built a custom Timer Job which runs as a service in the background & sends notification emails. Used WSP Builder to generate WSP package for the Project Management web part solution and the Custom Timer Job feature. Happy with the MOSS 2007 Implementation!

a thorough analysis of the requirements and multiple rounds of discussion with the customer, we came up with a data model to accomplish all the needs of the customer. Broadly the data model consisted of the following entities –Projects, Documents, Competitors & Customers. We proposed on creation of a custom web part solution for implementing all these modules. The main reason for opting to webpart solution was to cater to all the design/branding needs which needed to

be achieved within the project modules and to offer module scalability.

Achievements

A number of custom webparts were developed to achieve the various functionalities of the project management portal. We also built a custom Timer Job which runs as a service in the background and is used to send out daily notification emails to the responsible users based on the Follow Up date.

Technologies

MOSS 2007, ASP.Net 2.0 & 3.5, C#.Net, ASP AJAX 2.0, Ajax Toolkit, CSS, JavaScript, SQL 2005, WSP Builder, Solution Installer and Telerik RAD Controls.

Customer benefits

This helped the customer in streamlining a lot of their project management work into a single portal. As the data is now residing in one centralized SharePoint portal, it helped in easy maintenance of the customer / agent specific data from different location across the globe. More over it also helped the users in receiving automated notification about different activities which needs their attentions. The administrative users can now easily generate different financial and customer reports with a lot of ease which indeed helped them in taking crucial project related decisions.