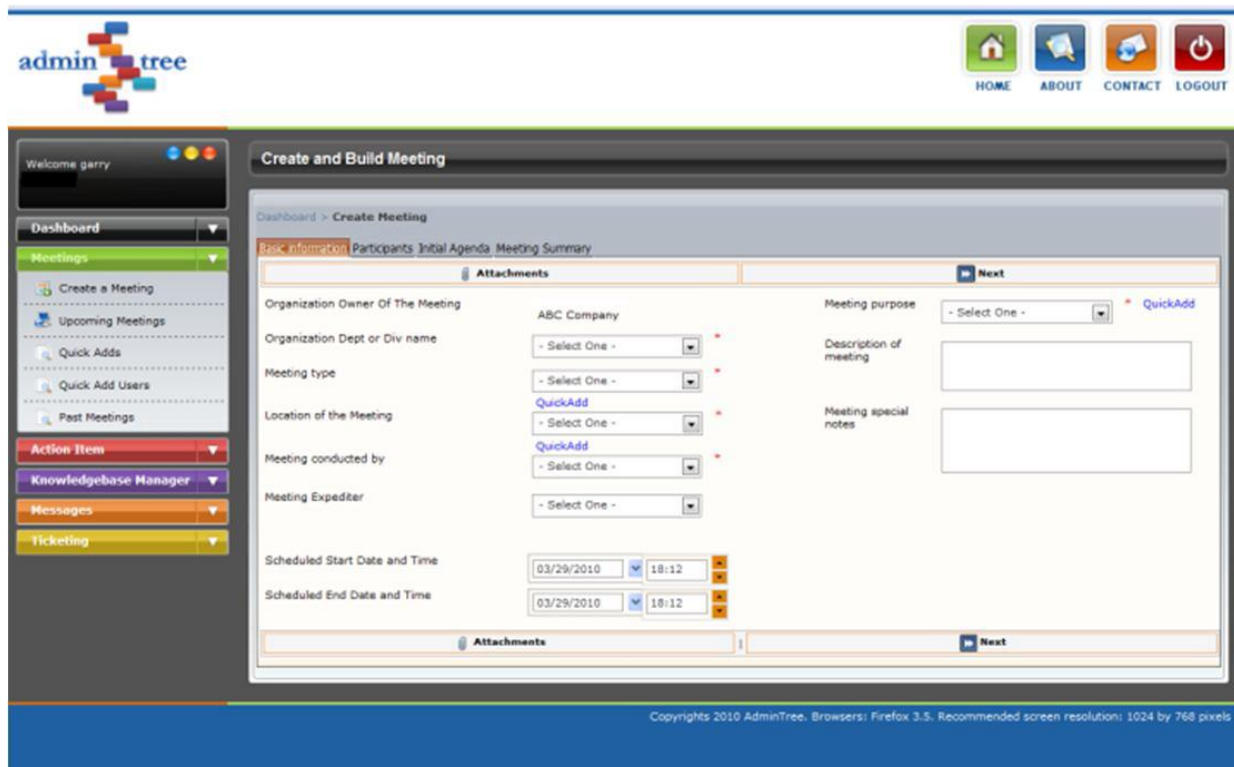e-Zest

On Demand Enterprise Collaboration System

Overview

The Client is an award winning technology consulting and services company from Houston, Texas, USA. and in the business of providing services in the area of integrated technology consulting, training and development and equipment leasing. The Client was also ranked amongst the top 10 fastest growing Houston technology companies in the Houston Business Journal's annual "FastTech 50" awards.
The Client's vision was to develop a web based on-demand enterprise collaboration suite that focuses on streamlining the organization's operating system.

Challenges

The product goal was to natively produce business intelligence, scorecards and KPIs (key performance indicators) that report and reflect the organization in terms of collaboration and administration.
Product suite was also intended to help in reporting an organization's collaboration and administrative productivity level with the objective to streamline the organization's business processes.
Target markets for the collaboration suite were online webinar and meeting collaboration tool companies from the verticals like Healthcare, Oil and Gas, and high technology companies.

Solution

To implement the solution, we used .NET reflection, a mechanism of discovering class information solely at runtime i.e. .NET Reflection. It provides dynamic execution of code and controls when used sparingly since all types with their methods are stored in assemblies. Hence, using reflection the user rights could be generated at runtime.

Technology

Microsoft.NET, SQL Server 2008

Conclusion

The Product was developed taking the naive user into consideration, retaining the simple look, feel and navigation in the application making it extremely quick to adapt and understand. We added various usability improvements like the messaging module to enhance the usage of the product. The technical improvements and breakthroughs provided the right foundation for achieving future roadmap product.

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