

E-commerce Based .Net platform helps innovative product company in the Healthcare industry to connect its collaborators and cut down drastically on operational costs

Industry

E-commerce Based

E-commerce, Healthcare

Technology Used

.Net 2.0/3.0

ASP .Net

AJAX

ADO.Net

SQL 2005

JavaScript

DHTML



Business Needs

The primary product of the company was to be designed as an e-commerce based marketplace to connect providers and customers in specific vertical markets such as services, medical, construction, within the Healthcare industry. They envisioned a product based on the idea of Health 2.0 that would harness technology that enables users to generate relevant information and share it in virtual venues like blogs, mash-ups, social networking, digital publishing, wikis etc. hence helping them to participate more effectively in their own healthcare.

Challenges

The client did not have an internal team to support the conceptualization, design or implementation of the solution. The need of the hour was for a web based market place that would let their customers and suppliers interact and exchange information through this platform. The concept of Health 2.0 played a pivotal role in the product

definition but there was no detailed assessment in terms of functional and business processes.

Furthermore, they required experienced technological expertise to architect the right solution which would integrate the existing multiple interfaces and the complex rule engine for business processes. Development costs were a further deterrence to the company that was just stepping into this market and needed to divert more resources towards creating a visibility through marketing, promotional and sales activities. They needed a solution that would fit their business requirements, create a visibility amongst their consumers and integrate multiple interfaces into a singular cohesive e-commerce platform, while cutting down on operational costs all along.

Brief History

The client, based in the Silicon Valley California, is an innovative product company in the Healthcare industry

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Solution

Fulcrum developed the software design and constructed the web based e-commerce platform using its .Net technology development and project management skills. It was an interactive platform that encapsulated a combination of ecommerce, portal and social networking concepts. The highly successful and repeatedly proven Agile methodology and Hybrid Delivery Model were used as enablers to accelerate the construction and testing effort. The project was led and coordinated by closely knit teams comprising technical, functional and subject matter experts working on an “onsite, near shore, offshore” delivery model. They developed a multi-layered SOA based application based on Microsoft .NET 2, specifically ASP and AJAX, using a SQL 2005 Server database to harness its core functionalities as well as integrate it with other applications in the form of on demand services.

Benefits

- The platform provided a scalable and robust architecture that would successfully overcome current and future business challenges
- The Agile methodology model used for application development has helped the client to reduce overall timeline for other development activities and better meet changing market conditions
- Fulcrum’s global delivery approach helped the client to cut development costs without compromising overall development

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