



Realizing and redefining proposed features for a leading health care storage systems company

Industry:
Healthcare

The Client:

As a leading developer of Specialty storage systems for more than 20 years, our client's main interests lie in managing supplies at department levels in hospitals. Excelling in their field, they were one of the first to develop supply management solutions for the Cardio Cath lab, radiology and endoscopy departments. They recently developed a web-based department level inventory management system.

Business Objective:

Our client's product, clinical inventory management software aims at maximizing the utility of the information gathered from the bar codes to track and reorder supplies with minimal effort. The software needed to be developed on an N-tier layered architecture. ennovate's task was to develop certain key modules that would redefine usage of the client's software and increasingly enhance security, networking, remote access and full automation of the inventory management software.

Solution:

To bridge the gap between learning and execution, an onsite-offshore model of implementation was proposed. Developing, testing and maintaining the software was handled by the offshore team whereas the onsite engineer performed unit testing. Various modules were designed such as item summary, web services, reports, offering a great user interface and user friendliness. ennovate also handled sustenance activities like bug detection and bug fixing.

Challenge:

The most challenging part of this project was the complexity of the technology being used (N-tier Layered Architecture). Development was required to be complete in 1 month's time. In the middle of the project, there was a realization that features proposed by our clients were flawed and not acceptable to their clients. We had 1 month to fix the new requirements which our team successfully completed for a timely release.

Technology:

- Asp.Net
- C# 3.5
- Microsoft Visual Studio Team System 2008
- AJAX
- Microsoft Web service Factory
- Microsoft Guidance Package
- SQL Server 2005

Benefits:

- The onsite-offshore model proposed by ennovate **greatly reduced Project execution time.**
- The highly complex Software architecture employed in the project was **implemented in record time** by our offshore team.
- In spite of being new to the languages and tools, the product was delivered **in time** for release.
- Even though there were certain flaws in the specification initially assigned, our offshore team ramped up operations in less than a month to deliver a new impeccable working model as acceptable in the market **saving** our client **major losses and credibility.**
- ennovate's **embedded division** co-partnered in introducing RFID operations in existing software, thus meeting end to end requirements **cost effectively** in less time frame as our teams could internally transfer relevant and confidential project information and be in sync in development.

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Case Study

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