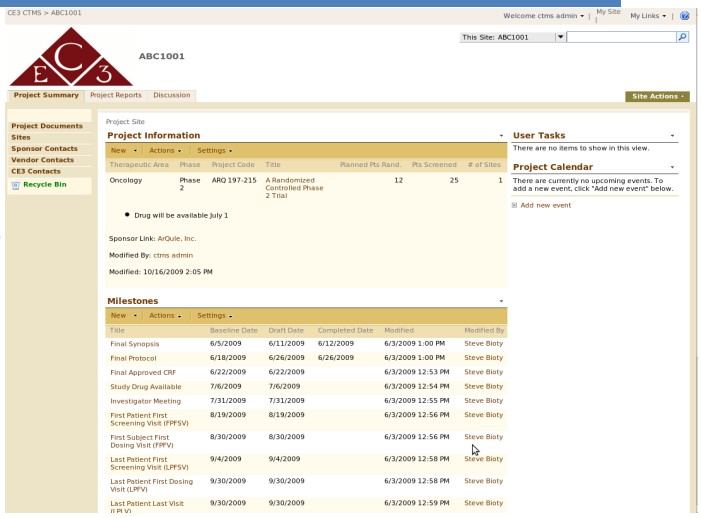
## THE CHALLENGE

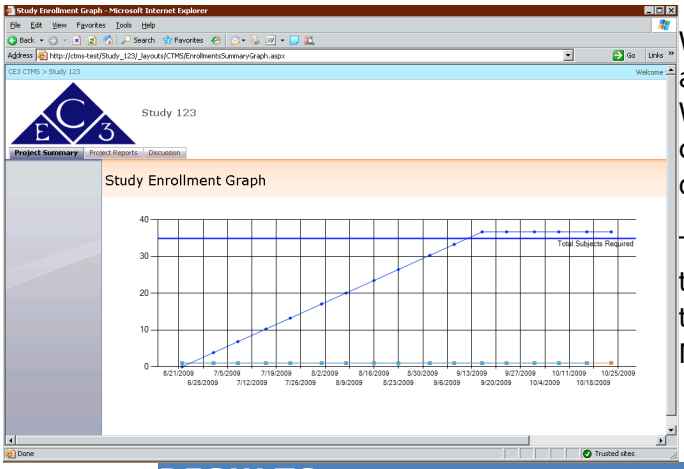
Our client is a startup that handles outsourced clinical study management. This highly regulated and complex process can truly benefit from sophisticated software automation. And our client needs to commit to an ongoing development effort to succeed. Yet it is difficult for a small startup to spend what it takes to build CTMS (clinical study management systems) using traditional development methods.

## THE SOLUTION




We strongly recommended building a CTMS system based on SharePoint technologies. SharePoint provides a strong foundation that supports collaboration, customization, work flow, and document management. It also greatly simplifies building custom applications especially when they can use SharePoint as a data store along with the built in SharePoint CRUD screens.

The bulk of our application consists in glue code that orchestrates SharePoint features such as lists, document libraries, and the permission model.




Web parts facilitate the custom presentation of data and developed numerous custom work flows. Wherever possible we integrated free and commercial SharePoint add-ons to lower development costs.

Though SharePoint is a super capable platform, there are certain aspects. We integrated technologies such as JQuery, LINQ, and the newest MS Charting control to make it even better.

## RESULTS

Having built similar systems for other pharmaceutical clients we were very pleased to be able to build such a powerful application for a quarter of the price of one built using traditional techniques.

We continue to work with our client to enhance the application and help grow the business. We constantly monitor the SharePoint market to find new products we can use to quickly and cheaply add new features. For example, we are currently evaluating a reporting tool that will allow for self-service BI against SharePoint data.

©2009 Most Media
(mostmedia.com)