Medical portal for Health Group A/S

Health Group portal was developed by ScienceSoft. This site provides an ability to plan some healthcare activities (site administration) and book for them (end-users). Initially, the site development was started by another vendor. Since ScienceSoft continued development process - design, architecture and performance were significantly improved, due to the usage of the best practices and approaches in software development.

Site functionality also was substantially improved, user activity planning was redesigned so that to allow flexibility and easiness to use this feature for the end user. Additional functionality was developed, for example, user received an ability to track his medical examination results and view changes in graphical or table representation. Another significant change was an injection of ability to edit "static" texts on pages bringing some kind of CMS functionality to the site.

Special attention ScienceSoft points to quality assurance and software testing. During the Health Group site development process were used different testing approaches and methods including manual testing, automated testing and unit test in the development. Due to such approach a lot of defects were fixed in "inherited" code and ability to prevent new defects in the new code was assured.

Technical information

Health Group portal was developed with usage of last technologies and best practices in software development process. As a development environment was used Visual Studio 2008 Team System, .NET Framework 3.5. For web user interface we were using ASP.NET MVC framework and jQuery JavaScript library with AJAX technology. Database is MS SQL Server 2005. For database access data access layer, which is based on MS Entity Framework, was employed. For reporting system and charts building - MS SQL Server Reporting Services.