

Web-based Collaboration System

Situation

A very popular company had standalone application developed in Windows supporting 200 odd file formats. Proprietary technology for doing markups on all these formats was major value addition for reviewing the documents. They wanted migration of the software to latest technologies and extend the software for providing collaboration and meeting management support too. This had huge benefits for review meetings with participants across globe. At the same time, they were specifically concerned of protection of Intellectual Property (IP) and wanted to work with a company who would respect it.

They approached Aftek for migration effort and extending the solution with enhanced features.

Expected Feature Set

- Virtual Visual Meeting
- Textual Chat
- Chairperson Control
- Annotation and Markups
- Selective Markups or Redacting
- Recording meeting with playback support
- Textual and Graphical Markup
- Real-time Video and Audio conferencing
- Meeting workflow (schedule/cancel) with integration with meeting application

Solution

Aftek developed collaboration features and meeting management features which included chat, presence management, meeting schedule/reschedule/cancel workflow. Integration of file viewing and markup features were provided with flexible design to integrate with Document Management System (DMS). Aftek developed messenger application conducting meetings on the fly by detecting online presence of participants.

Aftek team integrated with the client's team to build the software. On-site client manager was responsible for planning for releases. Daily status update meetings were conducted for close coordination. Incremental approach was taken to show-case the software to end customers quickly and at regular intervals.

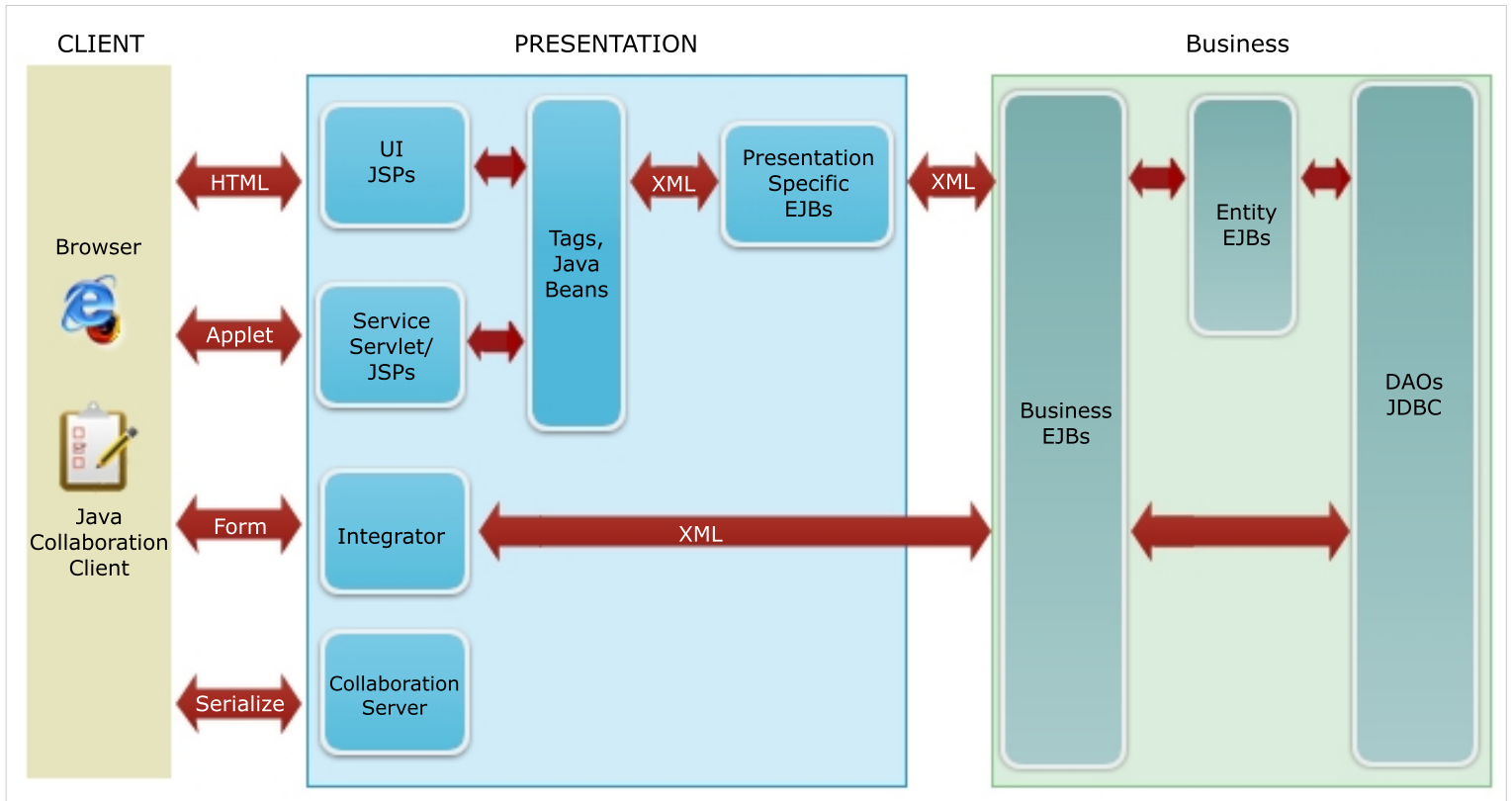
Benefits to the client

- 100% off-shore execution and Aftek's expertise in effectively delivering multishore projects reduced the overall project cost.
- Leveraged Aftek's varied technical expertise to deliver the solution faster.

Aftek's value-add

- Seamless integration with client's team to provide integrated and working deliverables.
- Immediate attention to client's changes in plan and features to help sell their product.
- Research & Development (R&D) for new technologies (e.g. Java Web Start) and recommended right technologies to client.

Architectural Overview



Technology

- Java (Swing, Applet, JNLP, JNI, Java Web Start)
- J2EE (JSP, Servlet, EJB)
- XML
- MSSQL
- Oracle
- Orion, Weblogic