

Case Study:

Client: A project management solutions company building products to align with the Kanban development methodology

Industry: Project Management covering multiple disciplines

Technology / Software / Methodology: AJAX, JavaScript

Engagement Model: Offshore

Business Challenges: The product was being built to support Kanban based project management and development to allow the project manager, client, developers, designers and testers see each others changes on the Kanban board in real time. This being the core of the Kanban development methodology, it was very important to see automated updates as soon as changes were made. However, the implementation was such that, a manual refresh was needed everytime, to see each other's updates. This defeated the overall purpose of collaborative and in-sync development. Also, this was becoming a huge overhead especially in larger teams.

Solution: As a team, besides functionality, API, regression, security testing and test automation that we did for this client, we wanted to solve this functional and usability issue at hand. Our team of experts spent time understanding the problem at a more design and architecture level and suggested use of AJAX and Javascript. We suggested refactoring the entire application by rewriting all the JS code.

Benefits/Value Add: Our solution brought in a significant difference in enhancing usability, saving time in using the application as well as made collaborative development possible. Our usability experts herein provided not just black box suggestions but also suggestions touching the internals of the system. In this case, the impact was a direct 100% savings in time, since implementing this completely removed the step of manual refreshes and made real time automated updates possible.