

Functional Compatibility Testing



The Client: Market leader in digital information service provider for scientific research and discovery



Business Requirement



Client's application has over 75 million digital reports accessed by millions of subscribers across the globe. Unanimously, all subscribers faced compatibility issues in Desktop PC, Laptops & Mobile Devices



Additional testing for Functionality, UI and Performance of the application across various environments



No compatibility Test Process & Framework



Needed consulting on browser trends



Our Solutions



23% of time saved in setup with dedicated test lab



Recording of known failure patterns for earlier defect detection



Performed exploratory testing and RCA to improve test coverage



Proactive monitoring of 'to be' released browsers/OSs and their beta versions



Framework to leverage jumpstart kits and leverage failure patterns meeting weekly targets



Streamlined testing process | Compatibility (60%) & regression (40%) testing was performed for each iteration



Business Impact



Delivery quality improved by 22% thereby increasing the volume of work – Improved the reliability of the web app attracting more users



Reduced compatibility testing overheads and improved ROI by 32% - 38% thus, increasing webpage session timings and reducing bounced rate of the website



Quick delivery cycles with Faster time to market



Improved Test coverage with exploratory testing / Increased Quality Index - > Near zero production leaks

Technologies: Java based Framework

Tools : Jira for Defect Management | Web Issues for Internal Defect triage and Root Cause Analysis | Quality Center & Sinatra for Test Management