

Customer Experience Analytics Solution for Leading TEM



BUSINESS REQUIREMENTS



Build a dynamic Customer Experience Analytics dashboard with rich UI components like High Charts, Google Maps and other Java Script libraries



UI automation which involves interactions with the application and provide intelligent analytics



Cut the test execution time from 12 weeks to less than a day through automation and parallel execution



OUR SOLUTIONS



Delivered Happiest Minds Selenium++ Framework with enhancements



Enhanced the IP to address the rich UI automation challenges by using CSS, SVG location techniques and Advanced action chaining with WebDriver



Engineered Big Data platform using Hadoop / Hive



TOOLS/ TECHNOLOGIES



Selenium Web Driver, Java for automation



Hadoop, Storm, Hive as Big Data Platform



Sonar, Jenkins, Grid as CI tools



BUSINESS IMPACT



Grid implementation enables parallel execution and has reduced the time of execution to 3-4 hours allowing early failure detection



Freed up bandwidth of the test engineers by reducing the complexity of writing new test cases through abstraction



Delivery of a scalable, extensible and abstracted platform for future automation needs

About Us

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.