

Automotive Testing (Web and Standalone applications)

Requirements

- Test the end to end functionality of 10 different Automotive applications from different brands
- Validate system with automotive guidelines and other general automotive compliances
- Needed extended QA support to manage and coordinate the project across all brands
- Load test the application to handle 1000 concurrent users
- Functional automation using selenium webdriver
- Webservices tests using SoapUI

Our Solutions

- ✓ Covered all negative and positive test scenarios to ensure 100% test coverage
- ✓ Optimized & Scaled up the application to handle 1000 concurrent users
- ✓ Performed exploratory testing for application flow| Integration validation of application to verify compatibility issues Release Management to support regression cycles.
- ✓ Implemented QA Suite Categorization for functional, regression, database , performance testing and webservices.
- ✓ Performed exploratory testing for application flow for few applications which doesn't has any functional documentation
- ✓ Verified compatibility issues with multiple browsers with multiple OS versions
- ✓ Created Dedicated Test lab

Business impact

- ✓ Zero defect leakage across applications which helped our client to reduce technical support cost by 15%
- ✓ 25% of time saved in setup with dedicated test lab
- ✓ Faster QA Cycle implementation and execution
- ✓ Set-up QA Process/plan and provided a route map for continuous QA process streamlining
- ✓ Enhancements to the application were suggested from the end-user's point of view
- ✓ Quick delivery cycles with Faster time to market



SoapUI

