

# Testing CRM in Education Domain



The Client: Leading educational solution provider product

## Business Requirement



A QA partner to maintain accuracy, reliability and effectiveness of the application during peak loads of the enrollment management application



Automate regression suite and bring down the regression cycle time to keep pace with sprint cycle



Improve test coverage and test efficiency



Ensure maximum number of concurrent users and find performance bottlenecks to improve the response time of the portal

## Our Solutions



Functional Regression / Performance Testing / Accessibility Testing - ADA Compliance (Americans with Disabilities Act, Section 508) / API testing / Security Testing



Performed automation & API Testing for their enrollment management system



Designed and implemented a hybrid framework at business process level | Created and upgraded a repository of re-useable test artefacts



Complete ownership of regression script maintenance | OS and database level parameter recommendations for subsequent production deployment

## Business Impact



Automated 1685 test cases with 100% test coverage for regression test suite | Quick ramp up of the right QA team from 11 - 20



Vulnerability Scanning & Accessibility Testing (Section 508 Compliance) suggestion to improve the PR and User Base respectively.



Reduction in overall testing cost with 100% test coverage and low cost testing tool



Release cycle efforts reduced from 4 weeks to 10 days

**Technologies** - Asp.net, SQL 2005, AJAX and IIS

**Tools:** QTP and Selenium AppScan and WebScarab, WAVE, WAT, JAWS, Jira, Hi-Wire