

Test Automation for a Data Governance Application



Client Overview

- A leader in information governance solutions catering to information management, regulatory compliance, electronic discovery, policy enforcement, PST management and more



Business Requirements

- The application is a software platform that utilizes client's established practices, policies and business process to electronically automate compliance, legal, human resource, records management and IT Policies
- Conduct end to end functional verifications of the business flow on multiple browsers
- Validate data across functional modules (which is in huge volumes)
- Set up a QA process to conduct Functional Testing
- Optimize the process, minimize the Test Life Cycle by implementing Test Automation
- Regression maintenance



Our Solutions

- Understanding and KT on business workflow
- Define QA Process, including Life Cycle estimation, Test Plan and Strategy
- Test Case break up for Functional Testing, Smoke Tests and Regression
- Test Execution on cross browsers : Functional, Smoke and Regression Tests
- Test tool assessment study and recommended Test Automation using Selenium - IDE
- Test Automation Scenarios - for 80% of the test cases



Tools

- Automation Tool: Selenium RC – IDE
- Defect Tracking Tool: Redmine Open Source Tool

Engagement

- Team Size: 2
- Duration: 3 Years



Business Impact

- Defined and Implemented an Optimized QA Process that uses the best of Manual and Automation Test Methods
- Reduced the QA Cycle time by 70% with Automation
- The cost of quality was significantly brought down by 30% over the Project Period
- Created Knowledge Repository and Reusable Artefacts as required
- Risk based approach to QA process consulting



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