SONATA ENABLES A PLATFORM LED QA TRANSFORMATION FOR A LEADING MORTGAGE PROVIDER IN NORTH AMERICA

When a US based mortgage provider decided to re-engineer and rollout a Cloud enabled version of their financial product, they turned to Sonata to help them with comprehensive quality regression. In RAPID, they found an end-to-end test management platform that assured 40% effort and cost savings and minimized management overhead for the entire gamut of testing activities.

ABOUT THE CLIENT

Founded in the year 2008 in Southern California, Client is a leading national mortgage lender and servicer in the United States. The organization's primary line of business is modifying residential mortgages originated by other lenders, assisting homeowners.

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BUSINESS NEED

Serving an expanding customer base, the organization saw the need for their internal financial applications and products to be scaled up onto newer technology platforms to support for a more dynamic operational model. One of the first steps towards achieving this was to re-engineer the existing product on a new technology platform with a larger feature implementation support.

The ever rising demand of the financial market, necessitated a quicker time to market for the re-engineered product to serve the organization's customer base.

THE SONATA EDGE

Sonata, given its experience of 15+ years in managed testing services spanning industry segments of Retail, CPG, Travel, Manufacturing and Financial services and niche expertise in test automation services, was chosen as the testing partner.

THE SOLUTION

Testing for the initial phases of implementation was supported by an in-house team; however a need for a dedicated partner for testing services with experience in test automation became apparent, with the need to test the scalability and the alignment of the implementation to the growth plans of the company.

Team Sonata joined the team, deployed RAPID engineering platform, leveraging the TestOps framework module to provide testing support in parallel, with the initial focus on understanding the defined test approach for the critical business scenarios, reviewing the test case suite for coverage and alignment and regress execute the test case suite.

With niche experience in the test automation services and understanding of the financial services domain, the team brought in best practices evolved from prior implementation experiences to fine tune the testing approach and methodology and ensure complete coverage of the business critical scenarios, planned enhancements and the dynamics of the evolving financial platform.

The platform in addition to test automation and execution, was leveraged for Requirements Management integrated with their current tool stack of RedLine, end –to-end test management with 100% traceability of requirements and test cases and assets, customized reporting and defect management, and process streamlining across the organization. The Cloud enabled platform helped create a lean environment structure for testing and roll-out.

The platform, initially deployed for one of the key business groups, is currently being extended to the other business groups.

The team's prior experience and expertise in the area of test automation improve the overall turnaround and efficiency of the team leading to an effective optimization of the team over the period of the engagement.

- ❖ On-premises, Cloud hosted platform
- ❖ Integrations : Requirement Management Tools
- ❖ Automated Pipelines: Standard Pipelines for Integration & Testing
- ❖ Templates: Pipeline Templates for Continuous Testing
- ❖ Reporting : Traceability | Test Reports & Dashboards
- ❖ Test Management: Automation | Functional | Regression | Performance | Test Case & Script Management

BUSINESS BENEFITS

In less than 6 months of the engagement for testing services, the organization saw a significant reduction in the overall cost of testing with the resource overhead and time-to-market for the product with shorter and faster quality verification cycles.

- ❖ Uptime and Availability – A cloud based platform that allowed for availability and access anywhere and execution of the quality tests on the product.

- ❖ 40% reduction in time to production – 50% reduction in the quality test execution through test script execution, that allowed for an overall reduction in the time to production for the product and the subsequent enhancement rollouts.

- ❖ 40% cost reduction – the testing team size ramped down by 30% with manual effort for execution replaced with scheduled automated test execution across multiple business units; and the tool optimization with the test platform rollout saw a significant reduction in the tool licensing costs.

Sonata Software is a global IT solutions firm focused on enabling platform based digital business and technology transformation for enterprises in the Travel, Retail, Distribution and Software industries. Sonata's products and platforms, anchored on its proprietary Platformation methodology, reflect the company's commitment to enable connected, intelligent, open and scalable business systems.

Sonata's portfolio of products and platforms include Rezopia Digital Travel Platform, Brick & Click Retail Platform, Modern Distribution Platform, Kartopia E-Commerce Platform, Halosys Unified Enterprise Mobility Platform and RAPID DevOps, CloudOps and Testing Platform. These platforms have been deployed by leading enterprises across the globe to achieve future ready digital businesses.

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