Reduced Software Errors 75% Faster with End-to-End Testing for a Leading North American Real Estate Technology Provider

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Client Overview

Lone Wolf Real Estate Technologies provides agents and brokers with end-to-end technology. The firm is trusted by 9000+ brokerages across North America and is funded by two major investors – Stone Point Capital and Vista Equity Partners. Lone Wolf currently provides an ecosystem of technology products, including back office, transaction management, front office, web software, professional services, and third-party integrations.

Problem Statement

- The client needed a solution that ensured the maximum test coverage while minimizing the time to market

- The organization required a streamlined QA process. Planning, configuration, and production environments had yet to be mapped and aligned

- The client's multiple platforms underwent continuous improvements and customizations, and customer experience started being compromised due to a lack of QA expertise

- The real estate technology provider was looking to leverage services from a leading QA company as part of their digital transformation plan to build fully automated QA processes and accelerate release cycles

- The entire company's service had to be thoroughly tested for every change to avoid product vulnerability and inconsistency

- New features and feature updates had to be tested regularly, and regression testing was also required

- Cloud adoption was required for Transaction Desk's extensive fiscal system maintenance

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Solutions Provided

- ImpactQA helped build an Agile/Scrum strategy with the teams adequately aligned to the product lines. The client was provided with a robust framework that could be plugged into a customer's CI/CD pipeline focusing on quality-based application and support for the customers

- The team used IntelliJ, JIRA, BitBucket, and GitBash tools to pinpoint code-level performance issues using Cucumber and Maven plugins as part of the execution

- ImpactQA's ability to implement performance testing services for a production environment that connects geographically dispersed users complemented the client's requirements, resulting in shorter feedback cycles and higher sprint velocity

- Continuous integration tools were used to run automated regression tests as feature upgrades were developed

- A flexible automation framework was designed and implemented, which could be adapted to fit the integration challenges of each platform

- The team carried out continuous testing at every stage to improve the overall application quality along with a shift left testing approach that ensured complete end-to-end testing in minimal time, catering to many customers

- ImpactQA turned the assessments into a customized performance test report for each scenario and recommendations for improving web and mobile performance

- Streamlined release processes, sprint planning, environment configuration, and tooling, as well as clear roles and responsibilities for developers and testers

- Cloud testing solutions have been implemented for an ongoing cloud migration project

- Provided software development & consulting for Visual FoxPro legacy software

Types of Testing Performed

- Functional Testing

- Automation Testing

- Performance Testing

- Cloud Testing

- Database Testing

Outcome/Results

- 50% reduced time-to-market

- 80% decrease in code errors

- 75% faster elimination of issues across software systems

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