Quality Assurance Solutions

State of the Art Quality Assurance and Testing

Overview

We put quality first with rigorous QA analysis and planning that ensures long-term results. Pyramid's approach is to collaborate, analyze, and then propose a suitable roadmap for improvement. Pyramid offers a broad range of solutions to meet any client's QA/Testing needs.

The following are highlights of some of our solutions.

QA Center of Excellence

Pyramid has the ability to work at both the tactical and the strategic levels. Popular strategic services include; Functional, Automation, Mobile, Performance Testing, Agile, SOA Services, Security, Cloud, Big Data, Legacy and FDA Validation.

Flexible Staffing Approach

Pyramid has a unique methodology for staffing projects for clients with a well-established manual testing process in place. Resources with automation expertise are strategically placed within the client's manual test organization. They focus on ensuring that tests created in a manual environment can be easily automated, enabling our clients to automate at any point in time, with little additional overhead. Resources are able to be productive immediately while learning and manually testing the client's systems, thus saving valuable time and expense.

Functional

The most frequently used testing practice in the software development life cycle— ensures that the functional requirements for an application are properly satisfied. Pyramid's quality assurance and test analysts provide end-to-end functional testing services for product companies and independent software vendors (ISVs).

Automation Testing

Pyramid offers robust, comprehensive solutions that enable organizations to strategically and economically address the challenges of test automation. We have developed an automation framework in Selenium. This framework will give your organization immediate value in creating a smoke and regression test.

Agile

Pyramid's Agile testing solution is not a separate phase, but an integral part of software development. The concepts of Test Driven Development and Continuous Integration are key to agile development, which covers all types of testing. Testing and coding are done incrementally and iteratively, building up each feature until it provides enough value to release to production. Pyramid QA Designers provide organizations helpful taxonomy to enable teams to identify and plan needed testing.

Mobile

With so many mobile applications in today's competitive marketplace, application quality can make or break a product or business. Mobile application testing is key to achieving both initial and sustainable quality. Pyramid's Mobile Testing Solutions (MTS) streamline testing, save time and money, and ensure optimal user experiences through customers' mobile channels.

Performance Testing

Performance testing is a critical part of application testing as it affects business revenue, credibility of the organization, and customer satisfaction. Pyramid's Performance Testing Solutions help identify bottlenecks in a system, establish a baseline for future testing, support a performance tuning effort, determine compliance with performance goals and requirements, and/or collect other performance-related data to help stakeholders make informed decisions related to the overall quality of the application being tested.

SOA Services

Pyramid offers a systematic approach and deep API testing skills. Our expertise in the latest web services technologies and tools enables our clients to overcome challenges associated with web service testing. We offer a variety of testing services for functionality, performance, security, and interoperability, assuring scalable, robust, compatible, integrated, and protected SOA functionality.

Security

Pyramid's in-depth security assessment and code review service to highlight security vulnerabilities in software applications. We apply advanced techniques to identify threats in enterprise networks.

Our QA designers perform various types of security testing to verify comprehensive security coverage with OWASP Top 10 security threats, including penetration testing, password cracking, vulnerability, URL manipulation, SQL injection, cross site scripting (XSS), Etc.

Cloud

Pyramid provides end-to-end cloud testing solutions that reduce the cost of testing and help shorten provisioning time with the help of on-demand test server provisioning. Our solutions and strategies assure a high level of coverage and secure, mission-critical production applications.

Big Data

Pyramid's robust Big Data Testing Strategy (BTDS) is built to mitigate rapidly evolving data integrity challenges and ensure robust quality assurance processes for big data implementations. To address the dynamic changes in big data ecosystems, Pyramid helps organizations streamline their processes for data warehouse testing, performance testing, and test data management.

Legacy

Pyramid's LSTS custom testing strategy will address many of the challenges facing by the organizations. Our experienced QA designers will provide customized automated tests while solving the problem at hand manually. Our approach of legacy systems testing is from the outside in. Customer interactions must be preserved through automated tests while internal implementation testing should be delayed until the appropriate time. The right time for testing internal behavior is during defect resolution. Our strategy is a quick fix and becomes proactive with legacy systems.

FDA Validation

Today, with increasing regulatory scrutiny and FDA regulations, more companies are seeking solutions to compliance requirements. Pyramid's experienced consultants are well equipped to help. We optimize the time and cost of validation by applying a risk-based approach to each system. We also offer a wide range of automated tools as part of the consulting engagement to provide maintainable compliance.

pyramid CONSULTING
SOLUTIONS

For more information:
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