Enhancing QA Efficiency for a Leading Bath Fitting Manufacturing Company in North America

Discover how a bath fitting company modernizes its QA processes with our hybrid testing strategy and automation frameworks, improving test coverage, reducing regressions, and accelerating stability.

About the Client

Our client is a leading bath-fitting manufacturing company based in North America, operating across more than 150 branches and partner locations. They are known across the market for their comprehensive range of seamless bathroom solutions, including one-day renovation services, shower remodeling, custom bathroom design, and more.

The Need

The client was facing inconsistent QA practices across development teams, resulting in poor regression coverage, quality gaps, and delayed releases. Manual efforts alone were insufficient to keep pace with the growing complexity of products and the rapid release cycles.

Our Solution

QASmartz deployed a comprehensive QA and automation testing framework with a three-pronged approach to ensure scalable, efficient, and high-quality software delivery.

Tech Stack

Hybrid Testing Approach for Comprehensive Coverage

Combined manual testing for UI/UX accuracy, device compatibility, and user story validation with automated testing pipelines for stable, high-traffic modules. This ensured both user experience fidelity and technical reliability across environments.

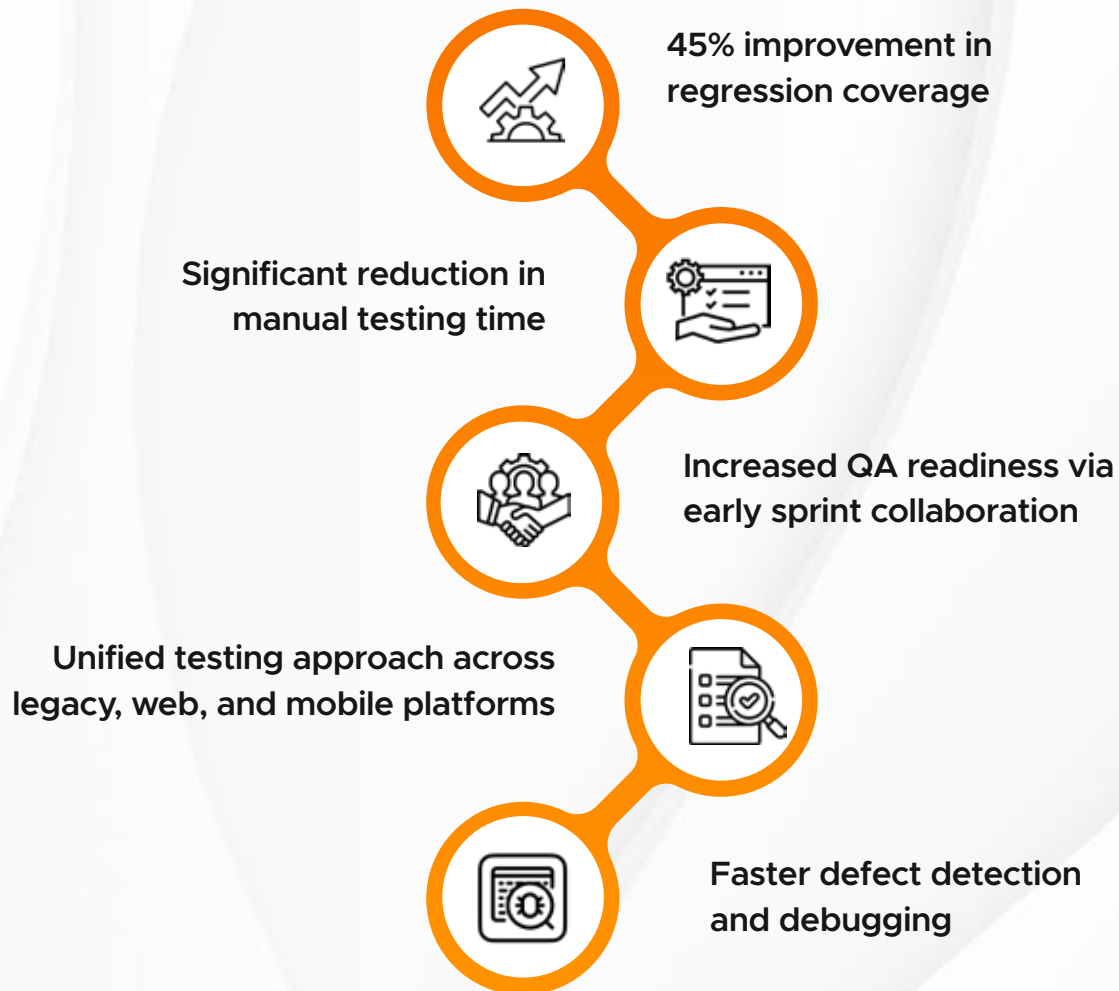### API Validation and Centralized QA Collaboration

Used Postman for comprehensive API testing to ensure smooth backend integration and data flow across platforms. All QA documentation, test plans, and issue tracking were centralized using Azure DevOps and Wiki-based repositories, improving cross-team transparency and traceability.

Scalable Automation Framework and Cross-Platform Testing

We implemented an automation framework using Selenium, Appium, and Java, enabling consistent and efficient test execution across mobile and web platforms. TestNG and Maven were leveraged for structured test orchestration, build automation, and dependency management, while Extent Reports enhanced test visibility with detailed HTML reports.

Outcomes Achieved

45% improvement in regression coverage

Significant reduction in manual testing time

Increased QA readiness via early sprint collaboration

Unified testing approach across legacy, web, and mobile platforms

Faster defect detection and debugging

Why QASmartz

25+ Years of Expertise in Automation & QA Testing

24x7 Global Testing Power

Comprehensive Application Testing

Effortless API Testing

In-House SaaS Expertise

Affordable QA Services

About QASmartz

QASmartz is a trusted **QA and automation testing partner** for businesses worldwide. With over **25 years of industry expertise,** the company has successfully tested **2000+ products** across various domains. QASmartz operates with a **dedicated team of over 100 expert resources** in its QA Lab, strategically positioned across **10 global locations.**

From **seamless integration during every sprint to early bug detection for improved code quality,** QASmartz ensures c**omprehensive testing coverage and robust performance**. Leveraging **AI-driven tools,** the company enhances testing accuracy and efficiency, helping businesses accelerate release cycles and maintain high software reliability.

2000+	**100+**	**25+**	**10+**
Products Tested Worldwide	Expert Resources in Our Dedicated QA Lab	Years of Industry Experience	Global Locations

NORTH AMERICA
Rochester, NY, Vancouver, Mississauga

EUROPE
Oslo

ASIA
Singapore, Dubai, Chandigarh, Mohali, Noida, Gurugram, Pune

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