

Custom built utilities for a top retailing company

Client

Client is one of the world's leading retail corporation with a number of hypermarkets, grocery stores and departmental stores, with over 11000 stores across 28 countries.

Key Challenge

Client faced difficulties in using a single framework after a change in the standard development pattern due to the bifurcation of teams.

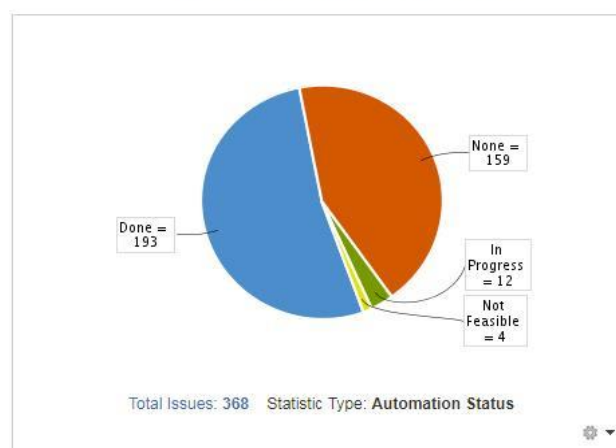
- **Changing requirements:** Various teams had different testing requirements for different areas under test
- **Lack of specific skill-set:** With multiple layers and areas of an application, the requirement was a team of engineers with a specific skill-set for each area. Client wanted to adopt such a cultural change for ramping up their processes
- **Delayed visibility of value-add:** A monolithic framework reduced the pace of their processes since refactoring the code and realizing its cost took a considerable amount of time
- **Shift in the approach:** The approach followed by the Client earlier mainly focused on UI test automation which slowed the process of developing and executing test cases, which now had to be revamped

Solution

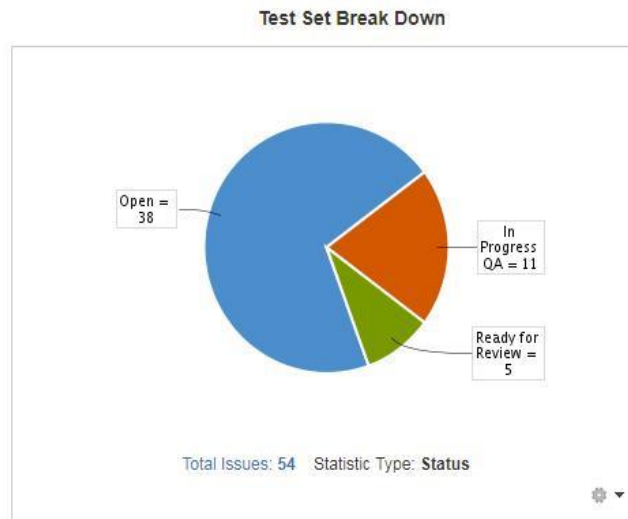
Rather than building a monolithic framework covering all test automation requirements of the client, QA InfoTech built team-specific tools and utilities for

- Providing more flexibility in service utilization and testing
- Enhancing the skill-set of the team as per the tool
- Pushing enterprise software products early in the market

Service Automation Status BreakDown



We shifted our approach to the left by writing and building test cases, scripts and framework in parallel with the development process as compared to the earlier process. We incorporated Continuous Delivery (CD) in our processes as well, wherein the data was virtualized rather than being manipulated.



Client Benefits

- Early visibility of value- With the use of smaller utilities, the client could map the value addition earlier than what was possible with the framework approach
- The coverage was maximized with the shift-left approach which benefited the client in speeding up their processes as well
- A more controlled coverage environment was formed with the help of CD
- Our solution was extremely cost effective as the test data wasn't induced into the real server, rather, was virtualized

About QA InfoTech

At QA InfoTech we specialize in providing independent offshore software testing and unbiased software quality assurance services to product companies, ranging from the Fortune 500 to start-ups. Established in 2003, with less than five testing experts, QA InfoTech has grown leaps and bounds with its three QA Centers of Excellence globally; located in the hub of IT activity in India in Noida and Bangalore and our affiliate QA InfoTech Inc. in Michigan, USA.

- 1000+ QA engineers and domain experts
- An ISO 9001:2008, CMMi Level 3, ISO 20000-1:2011 and ISO 27001:2005 compliant company
- Thought Leaders in E2E testing, specifically Test Automation, Performance Testing, Localization and Accessibility Testing

In 2017, QA InfoTech has been ranked in the top 100 places to work for in India. We are amongst the top 50 Best IT & ITeS Companies To Work For in 2012, 2014, 2015 & 16 in India. For more details, please refer [to our blog on this event](#).

“We assure the highest degree of Excellence and Accuracy in our engagements. Once you have placed your trust with us, rest assured we guarantee an elated peace of mind”

QA InfoTech Inc. U.S.A.

32985 Hamilton Court East, Suite 121,
Farmington Hills, MI 48334 U.S.A

QA InfoTech Pvt. Ltd. (Head Office)

A-8, Sector 68
Noida, U.P, 201309, India

QA InfoTech Pvt. Ltd. Bengaluru

CoWrks, RMZ Ecoworld, Outer Ring Road,
Bellandur, Bengaluru,
Karnataka 560103, India
info@qainfotech.com

For More Details:

Contact us: info@qainfotech.com || Visit us: www.qainfotech.com