

QuickStart Test Automation Approach for a Financial Services Company



ATTENTION. ALWAYS.



aspire 
SYSTEMS
attention. always.

THE CUSTOMER

Our customer is a leading investment and finance company with over 700 branches. Since nearly 4 decades, the company has established its name as a trustable financial services provider for household needs with comprehensive offerings for personal, home, vehicle and business loans.



SCENARIO



Even though the customer is a veteran in the financial management industry, they were relatively new to digitization. They were eager to build online profiles and improve user experience for their existing customers and the incoming millennial population. As a part of that initiative, the customer was utilizing a third-party lending and processing platform to manage their everyday needs. While this setup scores with the ease of installation and use, it also resulted in the customer frequently stumbling upon production issues. With no proper testing framework in place, the customer spent a lot of time and efforts in addressing and fixing the issues consistently.

The customer was in need of:

- 1 A solid test automation approach, from the ground-up, that will induce an efficient testing routine and is cost-effective as well.
- 2 An intelligent test automation framework, with a highly customizable toolkit, to help the organization address all their testing needs for the foreseeable future.

THE SOLUTION



Aspire's futuristic solution to build the customer's testing practice on top of a solid test automation framework will equip them to aggressively expand and manage their online user base as they move towards complete digitization of their financial services.



- 3 An expert testing team with the experience in understanding the needs and challenges of the market to harvest long-term results.

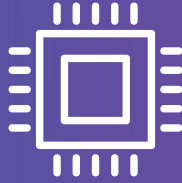
As an expert test consultation service provider, with one of the leading independent testing unit in the industry, Aspire Systems pitched their strategic **QuickStart Approach** to the customer. This approach has been designed, and successfully executed, to understand, devise and execute a complete test automation setup from scratch within a matter of 6 weeks. A detailed layout of the plan is as follows:

Phases	High Level Activities	Timeline					
		W1	W2	W3	W4	W5	W6
Knowledge Acquisition	Understand Application workflow, Org processes and Test requirements and						
	Study of Existing TC's , access & methodology						
	KT to offshore						
Design & Prototype	Gap Analysis of test process						
	Tool Identification						
	Identify Candidates for Pilor Test Automation						
	Implementation of AFTA Framework						
	Automation Demo & Gap Analysis Findings Presentation						
Cost & Effort Estimation for Steady State	Prepare & Review Cost & Schedule Estimation						
	Review & Approve SOW, Automation Strategy						

Solution in Detail:

- 1 Aspire's testing experts launched their QuickStart approach by understanding the customer's existing testing scenario and their pain-points.
- 2 The team then identified the weak areas that needed immediate end-to-end testing attention.
- 3 Once the staging is done, the team went on to implement their flagship automation framework **AFTA** (Aspire Framework for Test Automation) in the client's setup.
- 4 Armed with efficient process pipelines and intelligent third-party tools, AFTA offers a complete automated testing platform for any company to get their testing setup running in no time.
- 5 For this particular scenario, Aspire's team utilized AFTA framework for automating performance testing use cases that directly affected their offerings.
- 6 The whole move was orchestrated as a Continuous Integration (CI) pipeline, with Jenkins as the primary tool, where tests get executed every release cycle.
- 7 The results derived gave the customer enormous value that they opted for the Aspire's testing plan with AFTA for the rest of their application implementations.

TECHNOLOGY SNAPSHOT



Tools

- Selenium
- JMeter
- Java
- Maven
- Jenkins

Platform

- Java

Languages

- Java

RESULTS & ROI



Aspire's thorough and intelligent execution of Test Automation kick-starter approach ensured that the entire exercise was implemented in just 5 weeks.

As this approach wrapped a rigorous testing practice into one flexible framework, the customer was able to achieve great stability in their testing practice that is sure to derive greater cost and operational efficiency.



FUTURE IMPACT



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ABOUT ASPIRE

Aspire Systems is a global technology services firm serving as a trusted technology partner for our customers. We work with some of the world's most innovative enterprises and independent software vendors, helping them leverage technology and outsourcing in our specific areas of expertise. Our core philosophy of "Attention. Always." communicates our belief in lavishing care and attention on our customer and employees.

SINGAPORE
+65 3163 3050

NORTH AMERICA
+1 630 368 0970

EUROPE
+44 203 170 6115

INDIA
+91 44 6740 4000

MIDDLE EAST
+971 50 658 8831

For more info contact
info@aspiresys.com or visit www.aspiresys.com

