Modernized quality assurance with
script-less automation

CASE STUDY

About Client
India's leading housing
finance provider

Industry
Financial services

Service
Applications

Business **Need**

The client, a reputed housing finance provider with a global footprint, faced challenges with time-consuming and expensive automated testing processes for its business operation, which consisted of multiple products and services. The client wanted a state-of-the-art solution to improve ROI by increasing productivity with faster development and high-quality delivery.

Business **Challenge**

As technology evolves, automated testing has been gaining greater traction. In their efforts to maximize ROI, businesses implement various automated testing tools to achieve their business objectives. However, many enterprises fail at boosting their time-to-market and high-quality delivery due to maintenance issues – that is, whenever the product is upgraded, the entire automated script needs to be updated as well.

The client wanted a solution to this deep-rooted challenge. In addition, the organization had a complex IT landscape with multiple product and service offerings, each with its own different use cases. This business application was critical to the client's business, whose quality assurance structure directly affected time-to-market and their bottom line.

The client required an agile solution that could function across multiple technologies, databases, and functional platforms and added value to the overall process of implementing software. With this in mind, the client wanted an automated testing tool to increase productivity, optimize development, and enable high-quality delivery at a reasonable cost.

Business **Solution**

NSEIT partnered with Qualitia, to offer a script-less automated test suite to the client. This solution enabled the client to implement test automation across web, desktop, and mobile applications in minutes by empowering its users to conduct test automation without writing a single line of code. Our team of experts helped them construct a script-less automation cycle in a collaborative way. This required:
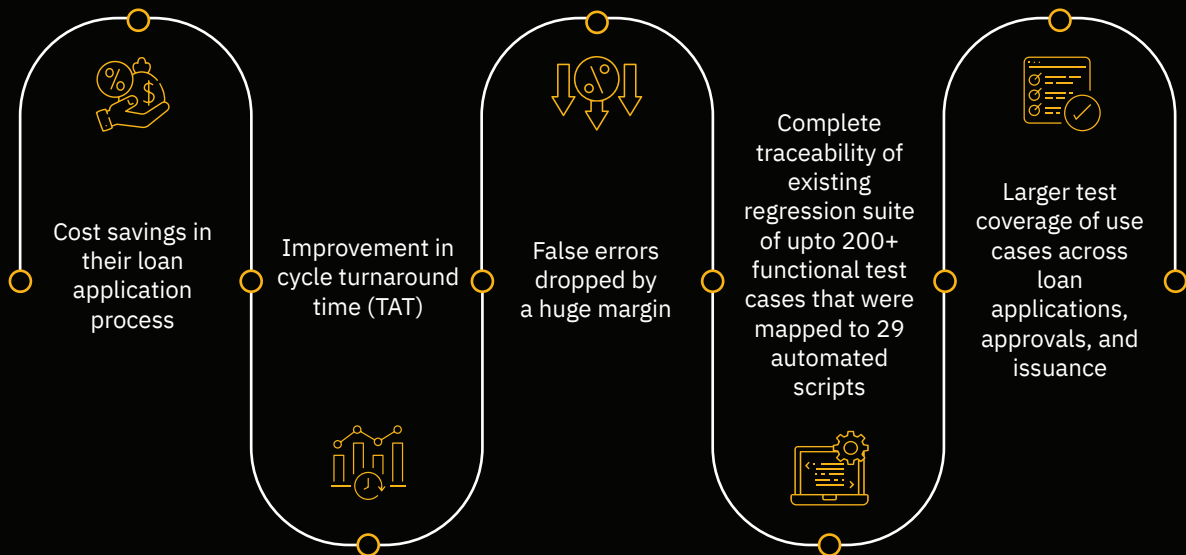
◥ Object identification
◥ Scripting
◥ Execution
◥ Reporting
◥ DevOps integration to enhance agility

Tech **Stack**

QUALITIA

Business **Impact**

Our solution empowered the client to create a comprehensive report for every execution stage that captured the current status of the application. It also encapsulated "Execution Intelligence" which enabled automation of complex test scenarios based on the run-time results. The benefits that the client gained from the solution included:

Cost savings in their loan application process

Improvement in cycle turnaround time (TAT)

False errors dropped by a huge margin

Complete traceability of existing regression suite of upto 200+ functional test cases that were mapped to 29 automated scripts

Larger test coverage of use cases across loan applications, approvals, and issuance

About **NSEIT**

NSEIT Limited is a digital native technology company that engineers world-class solutions to help our global customers accelerate their digital transformation journeys. Our key service pillars are Application Modernization, Business Transformation, Data Analytics, Infrastructure & Cloud Services, and Cybersecurity, through which we create intuitive digital experiences and tangible business impact. For over two decades, our innate drive for excellence has made us the partner of choice for global organizations. At NSEIT, we fuel digital progress.