

BUILT SCALABLE TEST AUTOMATION FRAMEWORK FOR AN INCLUSIVE FINTECH 50 INSTITUTION IN THE WORLD

CASE STUDY

TEST AUTOMATION FOR FINANCIAL WELL-BEING



Full-length automated regression suite lends hand to a first-of-a-kind financial institution in their pursuit of complete financial inclusion.

PROBLEM STATEMENT

The client is a first of its kind financial institution in India, offering a plethora of services through its unique branch-based model. The client's mission is to maximize the economic well-being of every individual and every enterprise by providing complete access to financial services in remote rural India.

With a range of sophisticated technologies supporting their success in delivering their services, the application was continually advancing, leading to frequent production releases. With no proper Quality Assurance at their end, the client had to accustom to the random change requests and flow changes from their users.

- The client had a complex architecture with too many dependencies, and they use APIs to bridge between the existing systems of record and the new systems of engagement. The lack of information on the data migration further intensified the problem.

With these challenges outlining, the client needed an efficient test strategy and an automation framework that would scale to their volume and help their pursuit of complete financial inclusion.

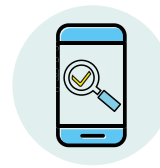
BUSINESS GOALS



Increase the number of test cases and to have a comprehensive, maintainable testing strategy



Combination of manual and automated regression testcases to improve the application quality



A unified approach to test web application across different browsers, mobile application across different devices



Easy migration of the data from existing API set up to a new set up.

HOW ZUCI SYSTEMS HELPED?



A thorough interpretation of the client's requirements and benefit them with the creation of the right number of manual test cases



Formulate test scripts using Selenium & Java Automation framework to automate web and mobile application.



The engineering team at Zuci were well updated on the client's manual data migration process and facilitated it using the automated code.

A graphic showing a desk with a laptop, a monitor, a keyboard, and a mouse, overlaid with a blue network pattern of dots and lines. The text "BUSINESS OUTCOME" is centered in white.

BUSINESS OUTCOME

Fulfilled all the significant flows in API, mobile and web in **90 days**

Enhanced strength of the API with continuous performance testing

Slashed the number of issues in each release

Reduced test infrastructure cost by **70%**

TECH STACK





ENABLE QUICK-TO-MARKET RELEASES OF YOUR APP WITH A
SCALABLE TEST AUTOMATION FRAMEWORK.
TALK TO OUR QE EXPERT AND SEE HOW YOU CAN GET STARTED.

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