AUTOMATION TESTING OF GREEN-FIELD PAYMENTS SOLUTION SOFTWARE

CASE STUDY

Our customer is a pioneer in Financial Payments space with the specific focus on portfolio management practice.

The customer is a payments solution provider, which allows its customers to develop and accelerate their electronic payment portfolio management practice. It includes dispute management, settlement and reconciliation, cost management and sales trending. It also provides a variety of pre-defined alerts on all your processing data, be it deadlines or disputes.

They have been addressing the needs of the market very proactively with their comprehensive payments solutions offering. Most of their alerts and reports were in the form of charts and graphs.

They wanted to automate their testing in order to ensure better quality output – towards earning the confidence of their customers and to reduce re-working costs on the product. They were looking for a partner who had the necessary technology skills and the understanding to automate a ground-up product that did not have a legacy.

Zado was chosen because we were able to prove our capabilities during the evaluation process. Our technical skills in Selenium and the holistic understanding of software quality allowed them to choose us as a partner.

Selenium and the holistic understading of software quality allowed them to choose us as a customer.

PROJECT COMPLEXITY

- Documentation available was very basic in nature
- No mechanism to do knowledge transfer on the product
- Complex product with a number of charts and graphs
- Evolving product – hence the functional scripts have to be dynamic
- Quality is a make or break for them due to their recent entry into the market

OUR ROLE

Zado understood the functionality of the product quickly and we understood their quality needs very clearly. Some of their needs were that they wanted to check the health of the product instantly on development and not do that as an end-of-cycle activity. They wanted to ensure support on multiple platforms and browsers, while ensuring stability of the product.

We understood their needs and wrote the manual test cases. We made use of our open source automation framework ensuring that the functional scripts didn't have to go through a lot of changes, while ensuring that they were scalable across different operating systems.

We initiated a POC to identify the right tool for automation of the customer's software quality. We figured that it has to be Selenium. We automated all their test scripts in 8 weeks time and have ensured scalability across different operating systems. We handed over the entire automation testing process to the customer and we are currently helping them maintain the scripts.

Increased customer confidence by doing 3 week pilot project and delivered projected milestones successfully

OUR PROCESS
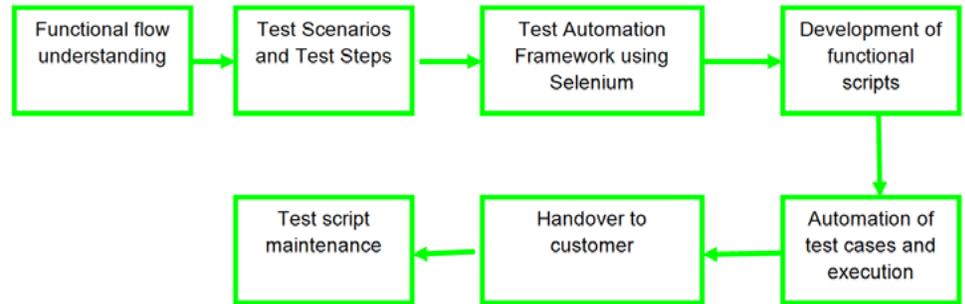
OUR ENGAGEMENT

We started with a POC to evaluate the tool to be used for functional test automation. We performed this POC successfully by fully understanding the functionality of the software and we established our credibility in the process of doing the POC. We identified Selenium as the tool at the end of this POC.

Subsequent to this, we signed up for a long-term engagement with the customer where we wrote their manual test cases and wrote the test scripts in 8 weeks time. We helped them with the automation of their functional testing and handed over the test scripts to the customer for them to internally run the automation. We broke the myth that testing for a relatively new product cannot be automated. We are currently maintaining their test scripts and we have become their quality partner

BENEFITS

- Increased customer confidence levels by ensuring stability of the product
- Multiple platforms and multiple browser support
- Instant health check up of the software that runs parallel to the development
- Projected milestones delivered very successfully

ABOUT ZADO

Zado is a provider of test automation solutions with specific focus on web, mobile and cloud applications. Our framework-driven approach to test automation ensures reliability and performance of your applications in diverse environments and complexities.

Our Center of Excellence works towards ensuring the success of every test automation initiative of our customers, irrespective of the stage that they are in – startup, transitional or mature. We have successfully helped startup, ecommerce and Independent Software Vendors with their automation needs. Our goal is to ensure quality of your software using test automation optimally.

We are open to doing POCs and Pilots that prove our credibility. We also have an innovative engagement model, Enhance – Optimize – Transfer (EOT), where we implement automation testing and transition it to your local teams. Our points of intervention after that, will be only towards enhancing the automation framework.

Zado automation frameworks help manual testers write their own test scripts without the necessary automation expertise. This qualifies manual testers into automation testers, providing better economies of scale and faster ROI of your automation efforts.

Zado Infotech Solutions India Pvt Ltd
85/7 IIIrd Floor Orchid Plaza
Razaak Garden Road , Arumbakkam, Chennai - 106.

contact@zado-tech.com
www.zado-tech.com