

# INTEGRATED COMPREHENSIVE TEST AUTOMATION FRAMEWORK FOR A PREMIER MUTUAL FUND TRANSFER AGENCY

CASE STUDY

## TEST AUTOMATION FOR QUICKER APP LAUNCH



A premier mutual fund transfer agency spots defects across its suite of applications earlier and improved its speed to market.



## PROBLEM STATEMENT

The client is a leader in the mutual fund transfer sector providing innovative services over two decades. to mutual fund investors and distributors. Having technology at its core, they offer tech-enabled service solutions to Alternative Investment funds and Insurance Companies.

Having a vast number of Asset Management Companies (AMC) applications, with varying rules and functionalities to test, the client spent a significant amount of time navigating through scattered test cases lacking visibility into test coverage etc.to execute their regression test suites. Performing multi-browser testing on top of regular regression became an overhead for the client team.

With the blend of testing challenges around, the client turned to Zuci to spot regression issues faster that may crop up due to changes introduced by new features/improvements in their application and fasten their application launch time.

## HOW ZUCI HELPED



The team of QA engineers at Zuci realized Zuci's EPIQ (Engineering Productivity in Quality), an integrated test automation framework, to be the right fit to solve the existing challenges.

### EPIQ helped us:



Setup continuous testing to validate application quality consistently and enable releases on time with high coverage



Reduce regression time across using a Rapid Testing Approach



## SOLUTION



Initiated test automation throughout their suite of applications across Asset Management Companies (AMCs)



Implemented EPIQ in a way to scale-up across applications, AMCs and functionalities



Performed multi-browser testing along with parallel execution



Integrated test management system (Testlink) and Zuci's dashboard with EPIQ



Incorporated continuous integration leading to early detection of defects



Selective regression using bug prediction framework

## TECH STACK





## OUTCOME



Helped manual testing team focus on new areas by automating regression suites



Continuous testing helped identify flaky tests and detect issues which otherwise would have ended up in production



Universal test dashboard with access at different levels to assess the quality

## IN NUMBERS

**70%**

reduction in release regression time

**80%**

reduction in manual testing efforts

*"Zuci's EPIQ framework helped in attaining high reusability helping in faster script development and reduced regression cycles across the application."*

*- Anil Kumar, Head of Technology*





**ELIMINATE REGRESSION ISSUES AND RELEASE YOUR APP FASTER.**  
**GET IN TOUCH WITH OUR QE EXPERTS TO UNDERSTAND HOW WE CAN HELP YOU**

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[www.zucisystems.com](http://www.zucisystems.com)



Chennai, TamilNadu  
Chicago, Illinois  
Brussels, Belgium



US: +1 (331) 903-5007  
Belgium: +32 477411912  
India: +91 (44) 49525020



[sales@zucisystems.com](mailto:sales@zucisystems.com)