

Automation Testing for Financial Services Application



Client & Application

- BFSI services provider; largest investing and lending platform catering to 40 million customers.
- Services are diversified across consumer finance, SME finance, general insurance, loans, wealth management, digital product finance, credit cards, point of sale, trading, among others.
- The company uses Salesforce for all touchpoints with agents, customers, and admin users.
- The application uses lightning design system of salesforce, APIs, and integrations with portals / mobile apps / enterprise Datawarehouse.
- Workflows for Cards and Approvals (Forms, Verification, Credit Card offers such as prepaid/gift cards).

Business Requirements

- Automate Testing for the given workflows on Web and Mobile (Android and iOS) applications to reduce time, cost and inconsistencies.
- Streamline QA Process: Utilize inputs from the in-house functional test results and optimize Automation Testing scope.
- Transform the Test Cycle by using a framework that blends with Salesforce platform, supports integration and has extensive test reporting abilities.
- Active Script/Code Maintenance.

Indium Solution

- Validations of Workflows and Business Rules (approval systems, offers & conditions etc.)
- Simulated real time records of sales data
- Framework Implementation: Test Data Generator utility, Built in Test Execution analytics
- UAT Automation: Record and Play Utility with Auto Fixes
- Test Coverage for Image based functions – Scenarios that include capturing and uploading a sales lead's picture / capture digital signature etc.
- Extended Test Coverage: Common Code Script Maintenance for iOS and Android
- Utility to debug iOS
- Web and Mobile Synchronization and Compatibility

Value Proposition



Tools / Technology	Value Additions
<ul style="list-style-type: none">• iSAFE Automation Framework, Selenium based Test Automation• Utilities for Test Data Generation and iOS Debug with Appium• Automation QA Stack: Selenium, Java, Appium, Java Client Library for mobile interactions.	<ul style="list-style-type: none">• Rapid Regression and Continuous Testing enabled using Test Data Generator Utility. The effort to generate Test Data for 100 rows would require a painstaking 4 man-hours which was automated to almost 30 seconds at one click action (nearly 100% reduction in manual effort).• Reduced overall error rate in manual test data generation.• Record results in productivity in delivering about 900 test cases in 40 Calendar days, with 10-member team .• Robust framework to customize test components to suite the app needs and continuously optimize the Test Operations.• 2X improved efficiency in scripting effort and code maintenance (Android and iOS).• Supported rapid delivery cycle. Upto 40% improvement in overall Test Automation process.• Extensive Reporting/ Dashboards to give a 360-degree status of Test Execution and Operations.



USA

Cupertino | Princeton

Toll-free: +1-888-207-5969

INDIA

Chennai | Bengaluru | Mumbai

Toll-free: 1800-123-1191

SINGAPORE

Singapore

Ph: +65 6812 7888

UK

London

Ph: +44 1420300014

www.indiumsoftware.com



For Sales Inquiries

sales@indiumsoftware.com



For General Inquiries

info@indiumsoftware.com

