

Finacle 10X - Automation Case Study

A Public Sector client having Pan India presence with more than 100 years. Having a vast portfolio from banking to finance, Insurance and asset management this bank works on fully automated core banking systems at present.

Requirements

As Services for digital banking, requirements of testing across multiple channels (web and mobile) platforms through internet and mobile banking solutions. Client working on Core Banking System on Finacle 10X platform, undertaken a project to migrate legacy system to new system with its implementation across pan India branches and ATMs.

Challenges

- Major Challenge to Migrate Legacy system into new system.
- Quality Assurance and Data Migration
- Impact Verification & Critical Business functionality on Day0, Day1, Day2
- Knowledge Transfer to client members across branches

Solution

- AQM created mini regression & regression module frameworks with high efficiency
- Expert Support for Data Migration with quality “in live production environment”
- Provided suggestions on testing processes across branches pan India
- 41 modules across platforms with 22,000 Automation cases successfully tested out of 30705 total manual test cases.
- With the efforts in 150-man months completed the project before hand

Tools Used: UFT and Appium as Automation Testing Tool, JIRA for Bug tracking and TestLink for Test Management Tool

Benefits

- Successful migration of system and data across 2600 branches, 3040 ATMs and more than 4000 branches less centres pan India
- Ready Test case library reducing 40% efforts and bringing down cost
- Major release made as per original plan
- Quick and bug free production environment to maintain the productivity

Covered Modules --- Finacle Test Automation:

Application Name	Module	Total Count
Core Banking Application	CIF	663
	CASA	2295
	TD	3548
	Inventory	295
	DD	496
	Clearing	595
	Branch Operations	637
	Transactions	999
	Assets	1571
	User Management	70
	Signature Verification	166
	EOD / BOD	139
	Office Account	110
	Lockers	350
	Charges	673
	RTGS / NEFT	163
Utility Bill Payment	67	
GBM	GBM	1970
Internet Banking	Retail Banking	5150
	Corporate Banking	1192
	Admin	621
Trade Finance	Inland Remittances	1954
	Bank Guarantees	585
	Letter of Credit	691
	Packing Credit	436
	Forward Contracts	223
	FC Accounts	566
	Buyers Credit	108
	Inward Remittances	374
	Outward Remittances	875
	Import LC	351
	Fx BG	271
	Export Bills	708
	Import Bills	329
	HCY Advance	59
	PCFC	287
	Export LC	103
FCNR	191	
Mobile Banking	Mobile Banking (Android)	824
Grand Total		30705