Yethi

Innovation for Quality

CASE STUDY

Major FLEXCUBE Upgrade of leading Bank with 300+ branches

The Client

A leading global bank's India branch undertook a major upgrade of its FLEXCUBE Core Banking and Direct Banking platforms. To ensure a successful implementation, the bank adopted automated User Acceptance Testing (UAT) using Tenjin.

The Challenges

The bank faced several challenges while executing the large-scale core banking upgrade:

- Ensuring seamless testing across multiple integrated banking systems and business processes
- Executing a high volume of complex UAT scenarios within project timelines
- Rapidly identifying, fixing, and validating defects before production Deployment

Company & Asset Size

- **Headquarters:** Mumbai, India
- **Customer Base:** 12.5 Million
- **Employees:** 59,872
- **Branches:** 2,726
- **Net Income:** $170 Million

Applications Involved

CASA & Accounts | Consumer Loans | Branch Teller Operations | Remittances | Standing Instructions | Payments & Clearing | Limits & Collateral | Trade Finance (Letters of Credit, Bills & Collections) | Fund Transfers | Corporate Deposits | Relationship Pricing | Cash & Liquidity Management | Customer Information File (CIF) | Direct Banking Services

Business Impact

- Automated and executed over 20,000 test cases.
- Achieved a 5× improvement in test execution efficiency.
- Established a fully automated regression testing package for future releases.
- Identified critical defects during UAT, improving release readiness and reducing production risk.

Scope of Work

Yethi implemented end-to-end automated UAT for the bank's core and digital banking ecosystem. The engagement included:

- Automated User Acceptance Testing (UAT)
- Test execution using Tenjin
- Defect identification, validation, and retesting
- Creation of reusable regression test packs
- Support for post-upgrade regression validation across business-critical banking processes

The Solution

Yethi leveraged Tenjin to automate the bank's UAT process across both FLEXCUBE Core Banking and Direct Banking applications. The platform streamlined test execution, accelerated defect validation, and enabled the creation of reusable regression suites for future upgrades. This approach provided comprehensive coverage of critical banking workflows while significantly reducing manual testing effort.

Conclusion

By automating UAT for its FLEXCUBE modernization initiative, the bank transformed its release validation process from a labor-intensive activity into a scalable, repeatable testing framework. The engagement delivered faster test execution, broader functional coverage, improved defect detection, and a robust regression suite that continues to support future application upgrades with greater confidence.

About Yethi

Yethi Consulting Pvt Ltd is a leading provider of Quality Assurance, Test Automation, and Payments Modernization solutions for the global banking and financial services sector. Our mission is to ensure the reliability of financial applications, accelerating business success worldwide.

With over a decade of experience, Yethi combines deep domain expertise with a robust library of 1.2 million test cases covering 350+ financial applications. We've successfully delivered 700+ projects for 130+ customers across 30+ countries, offering a comprehensive suite of products, services, and solutions.

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Contact Us

info@yethi.in

India | UAE | USA | Africa