CASE STUDY

Accelerating FLEXCUBE Migration Testing with Intelligent Automation for a Leading Indian Bank

The Client

A leading Tier 1 global bank modernizing its Oracle FLEX-CUBE core banking platform across its Middle East and Asia operations, and a leading Indian NBFC transforming into a full-fledged bank.

The Challenges

The bank faced several challenges during its core banking transformation:

- Large-scale Oracle FLEXCUBE upgrade involving extensive customizations
- Consolidation to a single code base across multiple geographies, increasing testing complexity
- Frequent application updates and patches requiring continuous regression validation
- Tight go-live timelines with minimal tolerance for production defects
- Ensuring a seamless customer experience during a major banking transformation

Company & Asset Size

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

Applications Involved

FLEXCUBE Universal Banking | OBDX | Treasury | Newgen LOS | CRM | Decimal Collections | Ramco HRMS | Suntec | Payment Systems | Trade Finance | Wealth Management

Business Impact

- Execute significantly higher regression coverage through automation.
- Detect thousands of defects before production, reducing production defect leakage.
- Improve test execution productivity by nearly 5x, increasing execution from 25 - 30 test cases to approximately 150 test cases per tester per day.
- Reduce manual testing effort by approximately 30%.
- Build reusable automated smoke and regression suites for monthly releases and patches.
- Achieve faster release cycles with lower operational risk and improved ROI.

Scope of Work

Yethi delivered end-to-end quality assurance and test automation across the bank's core transformation program, including:

- System Integration Testing (SIT)
- User Acceptance Testing (UAT)
- Functional Testing
- Performance Testing
- Security Testing
- Data Migration Validation
- Regression Testing
- Test Automation using Tenjin
- Defect Management and Daily Test Governance

The engagement covered approximately 450 person-months of testing effort, with nearly 30,000 test cases executed and more than 12,000 defects identified.

The Solution

Yethi leveraged Tenjin's intelligent automation platform to deliver a comprehensive testing strategy that combined manual expertise with automation.

- Risk-based test strategy and planning
- Automated regression testing across critical banking workflows
- Integration with existing defect management processes
- Migration of existing test assets into an automated framework
- Daily execution reviews, reporting, and defect triage to maintain release readiness
- Reusable automated regression suites that supported ongoing monthly patch validation and future releases

Conclusion

Yethi successfully ensured the quality and stability of a complex FLEXCUBE transformation by combining deep banking domain expertise with Tenjin's intelligent test automation capabilities. The engagement enabled the bank to automate thousands of business-critical test cases, accelerate release validation, improve testing efficiency, and achieve production-ready quality while meeting aggressive transformation timelines. The resulting automation framework continues to support ongoing regression testing and future application releases, helping the bank sustain long-term operational excellence.

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.

Learn more on **www.yethi.in**

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