

CASE STUDY

Delivering the Launch of a Leading Vietnamese Digital Bank

The Client

A leading Vietnamese bank with 26 branches nationwide launched a digital-only banking subsidiary to expand its digital banking services. Yethi was selected as the functional testing partner to validate the digital banking platform before launch.

The Challenges

The bank was building its first digital-only banking platform and required comprehensive validation before production launch.

The project demanded:

- End-to-end validation across mobile applications and APIs
- Testing of 24 critical business transactions comprising more than 1,000 test cases
- Early detection of high-severity defects
- Validation of complex payment and digital banking workflows spanning multiple systems
- Reliable testing to support migration from the bank's existing digital payment platform

Company & Asset Size

- Headquarters: Hanoi, Vietnam
- Customer Base: 28 Million
- Employees: 25,000+
- Branches: 2,726
- Net Income: \$490 Million

Applications Involved

- Mobile Banking Application
- Finacle 11.9 Core Banking APIs
- Tenjin Test Automation Platform
- Tutuka Virtual Card Platform
- QR Payment Platform
- Fund Transfer Services
- Bill Payment & Mobile Recharge Services

Business Impact

- Automated API transaction testing for faster and more reliable cash deposit and fund transfer validation
- Reduced testing time for Finacle reversal transactions
- Reduced manual testing effort by 40%
- Improved reconciliation and validation of reversal entries
- Accelerated defect resolution by 30% through collaboration with Finacle, Backbase, and the bank teams
- Established a scalable offshore managed testing model supporting API and mobile application testing

Scope of Work

Yethi delivered end-to-end quality assurance and test automation services to support the bank's digital bank launch, including:

- API test automation using Tenjin
- Manual functional testing of the mobile banking application
- End-to-end validation of mobile app and Finacle 11.9 API transactions
- Automation of Current Account and Super Saver account journeys
- Validation of debit card and virtual card (Tutuka) cash withdrawal flows
- Testing of QR Payments, Fund Transfers, Bill Payments, and Mobile Recharge
- Test design, automation framework configuration, execution, and result validation

Conclusion

Using Tenjin's API test automation capabilities and Yethi's banking QA expertise, the bank successfully validated its digital banking platform before launch. The solution ensured seamless transaction processing across mobile applications, APIs, and virtual card platforms while verifying accurate updates within the Finacle core banking system. This approach enabled a reliable, high-quality launch of the bank's digital-only banking services with improved operational efficiency and reduced business risk.

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

The Solution

Yethi combined business domain expertise, manual testing, and API automation through Tenjin to deliver comprehensive validation of the digital banking ecosystem.

- Designing business-driven test cases based on application documentation
- Executing transactions through APIs, mobile applications, and Tutuka-Simpos
- Front-to-back validation of transactions across mobile applications and Finacle APIs
- UX/UI validation of the mobile banking application
- End-to-end verification of transaction processing and cash flow
- Reconciliation of transactions against Finacle reconciliation and settlement files to ensure data accuracy across banking platforms

Contact Us

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