

YETHI HELPS LAUNCH VIETNAMESE DIGITAL BANK

CUSTOMER SUCCESS STORY

A leading Retail Bank in Vietnam is committed to offering a range of services like Commercial Banking, SME Banking, Corporate and Investment Banking, and more. The bank was launching its digital-only subsidiary. Yethi helped the bank launch its digital operation and achieve the stature of a “Digital-only Bank”.

THE CHALLENGE

The bank was establishing its first foundation of a digital-only bank and selected Yethi as a functional testing partner. We ensured an end-to-end validation of transactions from its mobile app and APIs our testing solution and services.

Yethi reviewed 24 end-to-end critical business transactions, which included more than 1000+ test cases to detect multiple high-severity issues. Our domain expertise and understanding to migrate from the client’s digital payment platform.

The scope of work included,

- Test Automation enablement for APIs in scope via Tenjin, Yethi’s flagship intuitive test automation solution
- Executing manual testing to validate transactions in the mobile app
- Validating the transactions across the mobile app and Finacle 11.9 APIs
- Automating Current A/C and Super Saver
- Testing the flow of transactions through debit cards and cash withdrawals using virtual card – Tutuka
- Integrating QR Payment, Fund Transfer, Recharge and Bill Payments through a mobile app
- Designing, configuring and executing the automation test pack and validating the result

THE SOLUTION

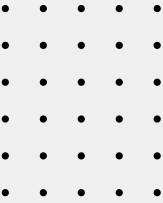
Following are the list of activities that yethi performed during manual execution in mobile application and test automation execution through API.

- Our business SMEs designed test cases based on review of the bank's documentation
- Initiating the InScope transactions via APIs, mobile applications and Tutuka-Simpos
- Front-to-back validation on transactions initiated via mobile app and serviced by Finacle API's
- Testing and validating the UX / UI elements of the mobile app
- Eliminate errors in the entire cash flow and transaction process
- Reconciliation of the in-scope transactions initiated by Yethi against Finacle Recon files and settlement files in the bank's application and platform

KEY BUSINESS BENEFITS

Yethi established an offshore model for the bank to execute testing of suggested API and mobile APK testing along with creating and executing the entire cycle of managed testing service. Following are the key benefits, which we achieved,

- Automating the API transactions for smooth initiation of cash deposits and fund transfers through bank, application and CDM
- Reducing Testing time for reversal transaction in Finacle
- Enhancing testing efficiency by minimizing 40% of manual effort required for testing
- Facilitating a system to track reversal entries for manual reversal and validating it in Finacle
- Communicating the issues to Finacle, Back Base, and bank team to fast-track the defect resolution by 30%



THE CONCLUSION



The transactions were validated with our test automation solution, Tenjin to ensure that the payment and transaction initiation are quick and hassle-free in mobile applications, API and Tutuka-Simpos and provide high ROI. Transaction initiated in both of these platforms were validated through REST testing to ensure that the process was executed without any technical glitches and the same was updated accurately in their CBS platform

