Yethi Automates CBS Testing for Sampath Bank Using Tenjin

THE CLIENT

Sampath Bank, a leading Sri Lankan bank, required a test partner with advanced technology to automate manual testing, boost productivity, and enhance efficiency. They chose Yethi to pilot a project with 60 handpicked menus on Finacle v10.2.18, their core banking system.

Yethi successfully completed the project within 6 weeks, leveraging their expertise and experience in Finacle implementations.

CHALLENGES

- 70% of the menus (especially Trade Finance and Payments) were extremely complex in nature i.e. the user has to navigate through various tabs/screens to key in the inputs to complete the transaction
- Required significant amount of manual effort (~8-10 minutes per transaction)
- Manual test execution took longer time for completion
- A huge setback in performing multiple runs of execution due to the enormous amount of manual effort

INDUSTRY

Commercial Bank in Sri Lanka

COMPANY & ASSET SIZE

- 200+ branches
- 4000+ employees
- Over 1 million customers
- Over LKR 4 trillion total assets

HEADQUARTERS

Colombo, Sri Lanka

APPLICATIONS IN SCOPE

Finacle v10.2.18

CORE FUNCTIONALITY AUTOMATED

- Trade Finance
- Payments
- Loans
- CRM

THE SCOPE OF WORK INCLUDED:

- Deploy Tenjin, an Enterprise-class testing workbench, as the automation tool for Finacle v10.2.18
- Analyse the list of 60 menus provided by the bank for the various possible combinations of flows amounting to ~120 scenarios
- Automate the menus provided by the bank and the possible scenarios, perform learning and execution and create sample test templates
- Execute the sample test cases created and verify the results to validate if they are produced as expected
- Hand over the created test templates to the bank team to execute as and when required
- Train the bank staff on Tenjin, learning and execution and ensure the bank staff are well equipped with the necessary knowledge and skills to independently run the automation, and also automate new menus as per their requirements.
- Provide technical support to resolve any issues.

KEY BUSINESS BENEFITS & OUTCOMES

The bank and Yethi together achieved the following significant benefits in the automation project:

- Reducing manual testing effort significantly by up to 85% with automation for the 60 menus in scope covering ~120 different flows. Executing these test cases manually would take about 8-10 hours of dedicated effort but with the help of Tenjin, execution of these flows can be completed in about two hours.
- Some of the few complex scenarios in Finacle are given below. These flows have various tabs/pages to navigate and takes about 10-15 minutes to complete each but now it takes about a couple of minutes with the help of Tenjin

  HOAACLA - Opening of Sampath Sevana - Housing Loan
  HOAACLA - Opening of Lease Account
  HOAACLA - Opening of Lease Account (Structured)
  OGM - Issuance of Shipping Guarantee (Opening and Verifying)
  MIIB - Maintain Import and Inward Bills
  MEOB - Maintain Export and Outward Bills

- Tenjin being a codeless tool, the bank staff including business analysts and operations teams with good functional knowledge have been trained on the tool and are now able to execute the test cases without any challenges.
- Core Banking and CRM are individual pieces within Finacle with some dependencies for selected menus. Tenjin being a versatile tool, managed to automate those scenarios where there needs no manual effort to execute test cases that are dependent on CRM and the Core Banking pieces.
- With the training provided by Yethi to the bank, the bank staff are currently able to independently automate new products and workflows.
- The tool helps ensuring risk mitigation by reducing the chan mplex Core Banking application and improving test accuracy.

CONCLUSION

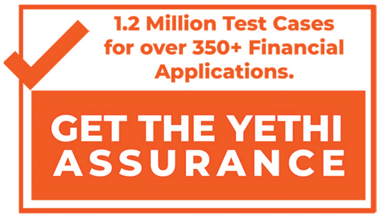
Yethi improved operational efficiency by successfully implementing Tenjin and automating test cases for 60 menus of Finacle with different workflows for Sampath Bank. This has significantly improved efficiency of execution and reduced manual efforts for the bank. Moreover, by providing comprehensive training to the bank staff, Yethi has enabled the bank team to independently automate more menus as per the bank's requirements with the help of manual testers/operations teams.

About Yethi

Leading Banks rely on the Yethi Consulting Assurance expertise for business success with their financial applications. Yethi Consulting Pvt Ltd, is the leading provider of Quality Assurance and Testing Automation solutions to the Global Banking and Financial services Industry for their applications reliability and business success. With over a decade of operations, Yethi Consulting brings deep domain and industry expertise along with an inbuilt library of over 1 million Test cases for over 250 Financial Applications.

Today, Yethi Consulting through a combination of products, services and solutions, has delivered over 750+ projects for 130+ Customers, across 30+ countries.

Yethi Consulting has been awarded with the IBS intelligence Leadership club in their Annual sales league Table 2023 as the 'Best in Quality Assurance and Testing platforms'.



To know more about how we can help you mitigate business risks associated with technology-enabled operations, reach out to us at info@yethi.in.

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