

CASE STUDY

Yethi Helps mBank Establish as the First Digital-Only Bank in UAE

Yethi won the Global Fintech Innovation Award and the NEO Challengers Bank Award for 2023 as the Best Quality Assurance/ Quality Engineering Execution and for the "Most Impactful Project" in association with mBank for the year 2023

Yethi was awarded the 'Best in Quality Assurance provider' award by IBS Intelligence in their 2023 Sales League Table

About mBANK

mBank, the UAE's first digital-only bank, established its services with Yethi Consulting's cutting-edge testing solutions and technologies across various modules. Catering to a vast clientele, mBank serves 5.7 million retail clients and 34,000 corporate clients. With a dynamic team comprising 500 to 1000 employees, the bank manages assets worth \$51.57 billion, positioning itself as the sole digital-only bank in the region.

THE CHALLENGE

The bank aimed to become a successful digital-only bank by overhauling its core banking platforms, requiring extensive changes in systems, processes, knowledge, organization, and integration. Yethi helped the bank with comprehensive QA solutions for this transformation, validating all functional and non-functional aspects.

The scope of work included:

- Testing the core banking system on a Cloud-based platform for faster, safer, and more efficient services across multiple channels
- Implementing AI for automating lending processes, credit risk assessment, and fraud detection
- Testing a robust data management system for handling large volumes of data
- Ensuring systematic and transparent execution and monitoring
- Managing end-to-end testing of the project
- Analyzing results and feedback
- Minimizing operational risks and compliance issues, safeguarding security, and privacy of customer data
- Achieving defect rate of <0.5% in live environment
- Data-driven decision-making promoting greater transparency/accountability

THE SOLUTION

Yethi supported mBank's digital initiative by:

- Adopting an Agile methodology to meet functional, performance, and security requirements



Solution

Planning and designing approximately 36,000 test cases for 224 functionalities



Solution

Employing Bugzilla for defect monitoring achieving a live defect rate of <0.5%

- Conducting systematic execution and monitoring with daily meetings and weekly updates
- Utilizing the Tenjin test automation platform to reduce regression burden
- Ensuring smooth system integration with payment gateways, third-party APIs, and Cloud platforms
- Testing key modules, including Retail Fraud Management, Digital Wallet, Loan Management, Chatbot, IDV, Z-Coin, Golden Visa, IPO Leverage, ERP, and AECB Reporting
- Comprehensive planning and designing to define scope, objectives, and test metrics for 224 functionalities
- Testing 12+ key business modules/ functionalities/services
- Implementing innovative solutions like Cloud computing, AI, & ML to increase scalability and performance
- Executing system integration testing for validating interconnected systems



KEY BUSINESS BENEFITS

Yethi created a detailed strategy to ensure successful digital transformation of mBank. The bank benefited the following by Yethi's services:

01

Test planning, designing, execution and review performed and completed within the project deadline

02

Reviewing of 36,000 test case test cases created for the project was made easy by Tenjin's robotic UI capabilities, reducing regression testing by 30%

03

Test execution of approx. 186 functionalities were completed on planned dates

04

Yethi's extensive repository played a significant role to suggest many new features in multiple modules, where bank agreed and implemented too in further releases

05

Approx 36,000 test cases design was planned for 224 functionalities

06

Yethi's QA best practices were used to identify and retest, fix any bugs, errors, or glitches that might affect the functionality or performance of the applications

BUSINESS OUTCOMES

Yethi created a complete test strategy for the bank's core banking platforms, ranging from planning, design, execution, to report and analysis. It allowed the bank to efficiently complete its digital transformation process and emerge as a digital-only bank.

The bank's transformation as a digital-only bank was supported by Yethi's powerful test automation tool, Tenjin. By reducing regression testing by nearly 30%, Tenjin successfully helped the bank with quick, faster, and efficient results, while providing high ROI.

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'.

[Learn more on www.yethi.in](http://www.yethi.in)

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