

Performance Testing for a Newly Formed Small Finance Bank

Business Outline – Client

Financial services entity with a wide presence upgrading itself with full banking services. Recognizing the importance of mobility and wide bouquet of services to meet their client requirements.

Performance Engineering Parameters (Testing and Observation)

- Transaction response times, Average transaction response time
- Memory Usage, CPU Usage
- Throughput of the system

Target Matrix

Response time for transactions within 3–5 secs

- EOD Batch run was less than 2 hours
- EOM/EOY was less than 3 hours
- To achieve 1 million transactions daily load
- To achieve maximum 5000 users' load



Industry

Small Finance Bank

Influential Factors

Deploying a range of applications, including Core Banking System, CRMNext, Newgen LOS and Appzillon Mobility platform, TIBCO, Oracle Financials, OFSAA

Headquarters: India

Scope of Project

Critical transaction in scope:

- Customer Creation | Account Creation
- Cash Withdrawal | Cash Deposit
- Account to Account Transfer
- Inward Clearing | Outward Clearing

System Under Test

- 400 branches, 4m customers, 4.5m accounts simulation
- 4 host servers (20+ cores)
- Load balancers and DB

Conclusion

Yethi's performance testing proved instrumental in enabling the small finance bank to move forward with confidence in its digital transformation journey. By simulating real-world user loads across critical banking modules, the project validated the system's readiness for production, ensuring it could handle peak volumes and complex transaction scenarios. Bottlenecks were proactively identified and resolved, significantly improving response times and system resilience. As a result, the bank was well-positioned to deliver a seamless and reliable customer experience from day one, laying a strong technical foundation for future growth and innovation.

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

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