

How FyscalTech Automated 70+ API Test Cases with KaneAI to Build a Scalable, Audit-Ready Quality Framework

Success Metrics —————

70+ API test cases automated end-to-end

100% Manual to a fully automated framework

Nightly Automated execution cadence

Full Ownership was handed over to the client

Table of Contents

3 Overview

4 What FyscalTech Achieved

4 How TestMu AI Engaged



Overview

FyscalTech engaged TestMu AI Professional Services to design and operationalize a scalable API automation and compliance validation framework using KaneAI.

The objective: replace manual API testing with a fully automated, continuously-running quality system, one that the FyscalTech team could independently own and operate after handover.

Over the course of the engagement, the TestMu AI Professional Services team automated 70+ API test cases, configured nightly execution, validated the suite to a defined stability threshold, trained the client team, and handed over full ownership, including platform credentials. What began as a manual process became a sustainable, audit-ready quality foundation for FyscalTech's fintech platform.

At a glance

Industry :
Fintech

Engagement :
Professional Services

Platform :
[KaneAI](#) 
[HyperExecute](#) 
[Test Manager](#) 

What FyscalTech Achieved

- Improved confidence in API reliability and data integrity
- Enhanced compliance readiness and audit support
- Accelerated regression cycles through automation
- Reduced production risk and defect leakage
- Built a future-ready quality framework supporting continuous assurance

How TestMu AI Engaged

The TestMu AI Professional Services team followed a structured, collaborative approach, moving FyscalTech from manual processes to a stable, production-grade API automation suite.

- 1. Business & Logic Deep Dive:** Conducted detailed sessions with the FyscalTech business and QA teams to thoroughly understand the API business logic and existing test cases.
- 2. Requirements Finalization:** Worked closely with their team to identify and provision any missing test data or APIs required for automation.
- 3. Proof of Concept:** Created sample automated test cases in KaneAI and presented them to the development and QA teams for early feedback on the automation approach.
- 4. Batch-wise Automation:** Upon receiving positive feedback, systematically automated all 70+ test cases and delivered them in batches for continuous review.
- 5. Stability & Validation:** Created test runs in Test Manager and executed the automated suites multiple times to ensure stability.
- 6. Defect Fixing & Re-validation:** Fixed all failures, re-ran the suite, and iteratively improved the scripts until they were robust.
- 7. Nightly Execution Setup:** Configured nightly builds for the entire test suite and monitored results regularly.

8. Comprehensive Handover & Training: Once the pass rate crossed the agreed threshold and all feedback was incorporated, a detailed demo and training session was conducted covering:

- How to create and edit test cases on the KaneAI Playground
- Creating and managing Test Runs
- Analyzing results and failures
- Debugging on HyperExecute
- Checking different logs and reports

9. Post-Handover Support: Continued providing support for any updates or modifications requested by the FyscalTech team.

10. Final Delivery: Successfully completed the engagement by handing over full ownership, including LambdaTest account credentials, enabling the FyscalTech team to independently manage automation for future sprints and projects.

FyscalTech's API testing shifted from a manual process to a fully automated, scalable, and sustainable framework. Release quality, speed, and confidence all improved measurably. At handover, the FyscalTech team took full ownership and continues to operate the framework independently.

About TestMu AI

TestMu AI (Formerly LambdaTest) is a fully autonomous agentic quality engineering platform that empowers teams to test intelligently, smarter, and ship faster. Over 10,000+ customers and 2 million+ users across 132+ countries rely on TestMu AI for their testing needs.

 **1.2 Bn+**
Tests

 **2M+**
Users

 **10K+**
Enterprises

 **132+**
Countries

Exploratory Testing

Enhance web and app quality to ensure seamless user experience with real-time, live, exploratory testing on 10,000+ devices.

KaneAI

Boost testing efficiency with an AI platform that uses natural language to create, debug and evolve tests.

Test Manager

Streamline test creation, management, & reporting for improved efficiency with AI - native unified Test Manager.

Automation Cloud

Accelerate product releases with secure, scalable, end-to-end test automation in the cloud.

Real Device Cloud

Test on 10,000+ real Android and iOS devices, and 3000+ browser combination cutting costs while ensuring compatibility.

HyperExecute

Accelerate testing speed by 70% with AI-Native orchestration for faster digital transformation.

Accessibility Testing

Ensure inclusive, accessible websites with TestMu AI's manual and automated Accessibility Testing tool.

Visual UI Regression

Achieve UI perfection quickly with AI-Native visual regression testing across all platforms.

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