



KMS Solutions

Equips HDBank's QA Team

with In-Depth Knowledge of
Katalon Automation Testing Tool





Overview

Realizing that manual testing is no longer suitable for quality and time-efficient testing processes, HDBank looked for the powerful automated testing tool Katalon and an in-depth training session from KMS Solutions. Collaborating closely with HDBank's QA team, KMS assisted in scenario preparation and script setup for a successful demo.



Challenges

- Inefficient testing and acceptance processes
- Incompetent QA team to initiate the automation test process effectively



Solutions

- A package of Katalon licenses and full training about Katalon tool based on 6 Test Cases



Results

- QA team possesses all the essential skills to proficiently create scenarios and conduct automated tests.
- Improved current testing process in terms of quality and time efficiency.



1

HDBank Boasts A Robust Investment In Digital Transformation

Aiming to make further breakthroughs in digital transformation, HDBank has strategically invested in researching and applying technology to its products and services to go ahead of the curve in utilizing 4.0 technology in the BFSI industry.

HDBank offers digital banking services encompassing **over 100 features** and connects **more than 200 service providers** to address the maximum needs of customers on a single HDBank mobile app. Moreover, the company also has the Muadee app and web360 software in its ecosystem.

In 2022, HDBank recorded

+ 208%



e-banking
customers

+ 97%



e-banking
transactions

HDBank's management also emphasized its endeavors to maintain strategic goals focused on achieving substantial growth in both scale and quality during this new era of development.

2

When The Manual Testing Processes Hamper The Bank's Goals

For years, manual testing has been the cornerstone of HDBank's testing process. The complexity of the **all-in-one HDBank mobile application** also poses challenges for manual testing. With hundreds of features and integrations included in the application, manual testing may lead to prolonged testing and acceptance cycles, hampering time efficiency and delaying the product development process.

While the bank primarily concentrated on its core services, it had allocated relatively few resources to internal testing capabilities. The bank's current automation resources also lack the expertise needed to initiate the automation testing process effectively.



3

Revolutionize The Testing Process With The KMS Automation Testing Package

To thrive in the fast-paced banking industry, HDBank must embrace change and modernize its testing process, which demands a comprehensive testing strategy, including automation tools and skilled internal automation testers capable of managing essential automated test cases more effectively.

As the bank lacked expertise in automation testing, it sought the expertise of KMS Solutions - a trusted software testing services provider in the APAC region.

KMS Solutions offered a comprehensive package designed to equip HDBank with the necessary tools and knowledge to streamline its testing operations and enhance software quality.

- **Katalon licenses**
- **A powerful automation testing tool**
- **Hands-on training based on six test cases personalized for HDBank's specific requirements**



The Implementation Process: Scripting and Training

The implementation process kicked off with KMS Solutions taking the lead in scripting and integrating Katalon automation testing with HDBank's continuous integration process. During this period, HDBank's testers could utilize Katalon efficiently and apply automation testing best practices to their process.

Empowering HDBank: Gaining Expertise and Building Capacity

Through hands-on training sessions, KMS Solutions closely observed and provided guidance to prepare the scenarios and set up testing scripts, empowering them to take ownership of the automation testing process. Moreover, HDBank developed three automation testers who are now equipped to spearhead automation initiatives within the organization.



It has been a pleasure working with HDBank during the provision of Katalon licenses and automation testing training sessions. When collaborating with HDBank, we were impressed by their team's eagerness to learn and their dedication to improving their skills in automation testing.

The effective communication with client is also essential to us to improve the Katalon automation tool with their product-related suggestions.

Son Ta - Senior Engineering Manager

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A Powerful Automation Testing Team For Future Growth

By embracing automation testing and leveraging the capabilities of the Katalon tool, HDBank has enhanced the efficiency and reliability of its testing processes. The bank's testing team continuously uses the Spy mobile utility in Katalon Studio to capture test objects quickly and specify several object properties and locator strategies.

With a team of skilled automation testers in place, HDBank is well-positioned to accelerate its testing cycles, improve software quality, and drive innovation in its software development lifecycle.



Nguyen Huu Tai - QR Manager

HDBank

KMS's team has showcased their strong expertise and proactive assistance, particularly aiding HDBank's team with Katalon and Jenkins comprehension challenges, ensuring swift deployment.

Leveraging the Katalon automation testing tool equips our testers with non-coding scripting capabilities and access to built-in reports like TestOps. During the collaboration, our testers have constantly communicated the obstacles that we encountered and received prompt support from the KMS Solutions team to ensure the effective testing process.



About KMS Solutions

KMS Solutions empowers BFSI companies to optimize operations, drive innovation, and enhance product & service offerings through the seamless integration of cutting-edge technologies and tailored solutions.

To learn more about KMS Solutions and our work, visit: kms-solutions.asia