

Leading Pharma Provider Uses TestMu AI To Ensure Seamless Online Consultation

Success Metrics —————

100%

Browser Coverage

70%

Reduction in Test Execution Time

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Introduction

TestMu AI has been a pivotal part of the QA process for one of the leading healthcare providers with a chain of over 1500 pharmacy stores across the UK, Ireland, & Australia. The company has around 17,000 staff, including the best and most respected doctors, pharmacists, and nurses. It dispenses over 150 million prescription items annually at the patient's doorstep. Being an online healthcare provider, the company's vision is to make healthcare more accessible and more affordable for everyone, at any time.

The company relies on TestMu AI to reduce its software testing life cycles and optimize its continuous integration workflow. All in order to ensure a browser compatible experience to all website & web-app visitors over thousands of browsers & OS through a cloud-based Selenium Grid.

COVID-19 led to a 300% increase in the online consultation

The COVID-19 pandemic has been chaotic. The country-wide lockdown restrictions, financial crisis, digital transformation were adding up a lot of anxiety around the current situation. The online consultation bookings went up by 3 times than usual, some medical conditions were reported more frequently than others, i.e., musculoskeletal pain, eye strain, mental health, etc.

The company realized that people are upset and stressed around the current situation. And wanted to help them feel safe by providing door-to-door delivery of medical supplies. One key cornerstone for this initiative was to offer a robust web-app experience to all the visitors, including patients, doctors, pharmacists, and delivery agents.

The organization was keen to deliver a browser compatible experience, as patients or staff could use their web-app or website from any browser or operating systems, be it desktop or mobile. The organization had relied on manual software testing; however, its regression testing was turning out to be an overhead as they looked to scale their product. They were looking to automate their testing workflows through Selenium.

The company wanted to lean on shift-left testing to speed up development cycles and catch bugs as early as possible. TestMu AI as an online Selenium Grid turned out to be a crucial part of their testing strategy as they were able to ditch the hassle of maintaining an in-house device lab. It allowed them to shorten their development cycles, as they planned to reach a wider audience.

Another key area that helped TestMu AI to gain the vote of confidence was its security. Being a healthcare provider, patient confidentiality is indispensable. So the company wanted to go for a solution that doesn't compromise its security. TestMu AI being GDPR compliant was a big plus for them.

TestMu AI grid trimmed down the regression suite execution from 90 to 15 minutes

As a cloud platform, TestMu AI was easy to try, allowing developers to deploy tests in minutes. And as an enterprise solution with scalable pricing options, TestMu AI can scale with the size and agility of the company.

The TestMu AI platform empowered the QA team to confidently test the entire application, infrastructure, and performance. With TestMu AI, they performed Selenium automation tests to run tests using the Mocha JavaScript test framework and WebdriverIO. Moreover, they were able to run multiple automated tests in parallel as soon as a new code merge was completed.

The client has been performing parallel testing to reduce the test execution time and increase the throughput. By executing the test faster, the client can focus more on development and other areas requiring more attention as they don't have to wait for device access and enable teams to shift their focus onto more creative aspects of the application.

The company particularly liked the automation and the ease of setting it up and running Selenium tests with TestMu AI. The client also took advantage of the screenshot testing and video recording feature of the tool, as they can record test failures and watch the scenario playback to discover the precise spots where failures took place.

The network throttling feature allowed the company to perform functional testing of the website and web app on low/high latency networks and offline. This was extremely helpful as the company aims at providing healthcare facilities to even remote areas where coverage may be limited. Thus, it becomes necessary for the staff members and the patients to have a frictionless experience.

The automation testing solution helped the client to save up to 70 percent on regular software testing costs while also delivering a better user experience for its patients and doctors.



Image Source : Microsoft Future Ready Event

“

LambdaTest (Now TestMu AI) is creating that next level of efficiency around test automation so that people can actually focus on testing versus test orchestration.”

Satya Nadella, CEO, Microsoft

Growing strong with TestMu AI automation testing

With TestMu AI, this leading healthcare provider has been able to deliver new features with quality at a much faster pace through parallel testing. The company started with 5 parallel testing sessions, which was a part of their trial run; however, they now run 10 parallel testing sessions to scale up their testing effort.

The company now uses TestMu AI to deliver better quality code, ensuring a seamless interaction between doctor and patient.

The company can now run a full integration test suite with the help of TestMu AI without any hassle. This has resulted in a confidence booster among the people using the application. It ensures that patients have bug-free software with access to the most up-to-date version irrespective of the device or browser they are using.

The organization also uses other features of TestMu AI like real-time testing, screenshot testing, and video capturing. The video recording features have proven to be very helpful, especially in figuring out what went wrong while executing the test. This has helped the client in identifying the issue much easier and fixing them in the development process itself. Moreover, with TestMu AI, the company was able to:

- Offer online consultations and deliveries while maintaining the confidentiality of their patients.
- Achieve seamless integrating with tools like TestCafe, which was one of the platforms used by the client for better browser coverage.
- Perform continuous integration more frequently with short testing cycles. This helps them in identifying even minor issues as soon as the code changes take place.

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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