How Wizeline - a Global Leader in Product Development - Sped up Test Creation and Test Automation with MuukTest

Overview

Wizeline is a global technology company based in San Francisco that provides innovative software solutions with distributed teams in Mexico, Vietnam, Thailand, Spain, and Australia. Wizeline used MuukTest to create and automate tests and found that test design time is minimal and automation time is at least 10x faster than with other available tools.

> "*MuukTest can add extra value on web projects with short timelines. It may also help with some projects that lack a QA Engineer as it doesn't require a lot of time to create and maintain test scripts with MuukTest.*"
>
> Enrique De Coss Mart, Wizeline's Software QA Engineer

Product Used for Case Study

Wizeline designed and automated tests for an internal web application called 'Foodie'. Foodie is an application that manages daily cafeteria menus for Wizeline employees. The application was developed in Javascript and Graphql. Before MuukTest, the testing of the application was mostly done manually and needed to be automated. The main challenge was that the application changed every week and the speed of test design and automation had to be faster.

How MuukTest Performed

Wizeline is an expert in test automation and uses a set of different tools depending on the use case. Wizeline compared MuukTest against other available tools and ultimately selected MuukTest for its speed and ease of use. See the table below for details.

Key Objective	MuukTest	Other Tools
Test Design Time	Low to null	High amount of time
Test Script Creation	~ 2 minutes per TS	< 20 minutes per TS
Test Script Maintenance	Automatic	~20 minutes per TS
Business Tests Scripts Coverage	Low amount of time	High amount of time
Atomic Test Readiness	Yes	Partially
Test Scripts Created	10 ~ 15	6 ~ 10

Benefits & Outcomes

The primary advantage of MuukTest for Wizeline was the ability to quickly and easily design tests. Improved test creation is nearly 10x faster than competitors.

> "*Using MuukTest as a primary tool for automation testing, it saved a lot of time creating new test scripts. The tool itself creates a lot of variations using testing techniques and it is a really nice feature running on Cloud avoiding additional configuration (as well as being able to be run locally). MuukTest is ready for continuous testing using different CI (such as Jenkins, CircleCI, Travis, Ansible). Maintenance test scripting is a great tool because it identifies changes in the application and recommends updates that reduce time on automation maintenance.*"
>
> Enrique De Coss Mart, Wizeline's Software QA Engineer

Next Steps

Wizeline will continue working with MuukTest in internal projects with short timelines and that require fast automation with the goal of perfecting MuukTest for this use case.

Appendix A - This table shows a comparison of MuukTest vs the most used tools

FEATURE TITLE	MuukTest	TestCafe Studio	TESTIM	Selenium	Cypress
Web-based	Yes	Yes	Yes	Yes	Yes
Record and Play	Yes	Yes	Yes	No	No
Multiple Projects	Yes	Yes	Yes	Yes	Yes
Collaboration Tools	Yes	Yes	Yes	Yes	Yes
Reporting & Statistic	Yes	Yes	Yes	Yes*	Yes
Third-Party Integration	Yes	Yes	Yes	Yes	Yes
Conditional Logic	No	Yes	Yes	Yes	Yes
Smart Selectors	Yes	Yes	Yes	No	No
On-Demand Recording	Yes	Yes	Yes	No	Yes
Testing Techniques/Design	Yes	No	No	No	No
Cross-Browser Test	No	Yes	No	Yes*	No
Visual Differentiation	No	Yes*	No	No	Yes*
Cloud Execution	Yes	No	Yes	No	No
Technical Expertise required	No	No	No	Yes	Yes
*Installing external tools, packages					