appvance IQ

Case Study: Open-Collaborative Production Company

	Then Ad Hoc Unit Testing — 100 app-pages — Quality Impeded Growth	**Now** Comprehensive QA Regime — 250 app-pages — Quality Supports Growth
Context	In 2019, a new media production company was growing fast and innovating faster. However, their open-collaborative media production platform suffered the classic conundrum of rapid dev: It was hamstrung by weak QA.	In 2020, Appvance IQ (AIQ) enables comprehensive daily testing for a rapidly innovating open-collaborative media platform, and yet requires very little QA labor. This resource-lite quality regime supports the company's rapid growth.
Application Under Test	The open-collaborative media production platform allows a growing community of visual artists, musicians, actors and filmmakers to collaborate on video production projects.	The open-collaborative media production platform is rapidly growing in functionality and artistic contributors. The latter is driving the former, as developers satisfy new artistic and community support needs, leading to 100%+ functionality growth over the past year.
Staffing	Developers tag-teamed QA in their "spare time", totaling perhaps 2 FTEs.	One QA resource covers the entire comprehensive QA regime, including management reporting.
Testing Regime	QA was limited to ad hoc unit testing for new functionality only. No regression, load or other testing modalities were performed.	A comprehensive QA regime is now executed on a daily basis over a much expanded mobile and web AUT, including focused testing of new functionality and critical workflows, plus full regression testing.
Test Creation	A few dozen test cases were manually created and maintained.	Over 2,000 AI generated tests now cover more than 1,100 unique application actions. These are augmented by hundreds more tests of critical and new workflows that were rapidly created in AIQ Test Designer.
Code Coverage	Minimal	All critical functionality now has test coverage.
Production Bugs	Regular	Production bugs caused by code defects are a thing of the past.
Reliability	Hit or miss	The open-collaborative media production platform runs reliably since production bugs have been squashed.

AI Highlight

AIQ quickly blueprinted the large application-under-test, an open-collaborative media platform. As soon as the AI driven testing was spun up, it immediately started to find issues that had lain dormant and undiscovered by dev, a not uncommon experience with AIQ's AI driven testing.

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QA Management Highlight

The company went from no testing to complete coverage in just three months. They now have comprehensive regression, smoke and functional tests running nightly on their web and Android applications. Where only ad hoc unit testing existed before, there is now a comprehensive battery of tests that exercise the core features of the system.

About AIQ

Appvance IQ is an AI driven, unified test automation system.

It delivers transformational productivity gains in test creation and execution via AI scripting and codeless test creation, and through unified functional, performance and security testing.

Appvance.ai is the leader in AI-driven testing, which is revolutionizing how software testing is performed. The company's premier product is Appvance IQ™, the world's first AI-driven, unified test automation system. AIQ empowers enterprises to improve the quality, performance and security of their apps, while transforming the efficiency and output of their testing teams.

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