

The pressure: customer experience

Digital consumers constantly need something fresh if you want to keep them hooked. The pressure is on for app updates. That means regular releases delivered faster than the competition. But even when you revamp your new release value chain to be more agile, one bottleneck still holds you back.

The hold-up: user acceptance testing (UAT)

It's a no-brainer that customer experience on mobile apps directly affects your business. So finding bugs in your mobile app before it hits the market is crucial. But UAT is that one-lane exit for your traffic-heavy app-release freeway. And the toll-booth operator is testing.

UAT relies on humans interacting with mobile apps, looking for bugs. It remains a time-consuming and manual-intensive process, especially when testing mobile apps across hundreds of devices. The obvious solution to automate UAT is easier said than done.

Automation tools for testing are still heavily dependent on scripts that continuously break when the app changes. Hiring engineers who can write and manage these scripts is even tougher. You invariably end up performing the majority of your testing manually.

The solution: AI-powered application experience (AX) testing

Mesmer's Application Experience (AX) Testing is the self-driving car of UAT. Just like a Tesla "sees" objects on the road, our AI Bots use computer vision to see your app. The Bots perform UAT by interacting with your mobile app just like a real user. They take all boring tasks (clicking buttons, swiping through images) out of a developer's hands to hunt down and report user experience issues like faulty features, crashing pages, UI bugs, etc.

Mesmer's reliance on vision — not code — means our scriptless automation doesn't break. So the next time pages in your app have been slightly (or completely) modified, you can relax about AX Testing having your back. True automation. Magic.

Here are some of the features of Mesmer's AX Testing:



Crawl

Bot interacts with apps like a real user, finding & automating user journeys.



Bug Reporting

Integrates with Jira and auto-creates complete bug reports.



Test Data

API available to programmatically change test data for any user journey.



Assertions

No-code assertions with our visual editor to verify business logic of a page.



CLI & IDE

Execute UAT tests right from IDE or via CLI & get results before merging PR.



CI/CD Integration

API available to programmatically change test data for any user journey.



Pre-Condition/ Post-Condition

Query any backend system to verify events generated from mobile UR are received.



Visual Diffs

Mesmer flags any visual differences between builds, ignoring dynamic content.