Scalable Exploratory Testing that Keeps Development Resources Focused

Poll Everywhere

Industry: Audience Response Systems
Location: San Francisco, CA
Size: 11-50 employees

Benefits and Results

✓ Increased test coverage by 2x

✓ Surfaced 36 previously unknown bugs

✓ Reduced developer time spent on exploratory QA

"Rainforest helps us speed up deployment... My confidence is higher and and we can ship out earlier."

Brian Goodman
Product Manager

Rainforest Exploratory allows Poll Everywhere's development team to own and manage testing without taking focus away from key development projects.

Poll Everywhere's online audience response system lets users gather real-time audience and classroom feedback via mobile phones. In order to provide a stronger, more engaging product, the development team practices continuous integration and deploys multiple times daily. The company has recently added a QA engineer as their first full-time QA hire, but they're committed to keeping quality a developer-owned discipline.

To keep their testing leaner and more effective, Poll Everywhere has been using Rainforest regression testing for over two years. They have used Rainforest primarily to manage critical "happy path" tests, allowing Brian and Poll Everywhere's developers to spend less time on manual testing activities. But as Poll Everywhere prepared to launch several significant projects, they found the need to further expand test coverage without adding headcount.

Faster Feedback with Broader Feature Coverage

Brian turned to Rainforest Exploratory to help tackle Poll Everywhere's growing testing needs. His goal was to maximize coverage in a scalable way on new features: "Ramping up testing for these projects would have required me to come up with a set of new regression tests for features that were apt to change at any moment. I didn't want to be writing and rewriting lots of tests while we're still in development phase, where the UX could change dramatically."

Rainforest Exploratory leverages elite Rainforest testers to explore applications and discover bugs and other undiscovered issues. In under 72 hours, the testers provide documentation of any issues found and Rainforest captures step-by-step screenshots of the test execution. Additionally, fully scripted Rainforest regression tests are created for easy replication.

How Poll Everywhere Uses Rainforest QA

Discover Unknown Regressions

Rainforest Exploratory gives Poll Everywhere access to on-demand bug discovery.

Increased Feature Coverage

Offloading functional test execution to Rainforest increases Poll Everywhere's coverage without adding work to their development team.

Decreased Developer Fatigue

No in-house QA team means that developers spend time on testing; Rainforest puts fresh eyes on new features and keeps the development team focused.

By implementing Rainforest Exploratory, Poll Everywhere can build flexible test cases for new features and identify bugs without taking key team members away from other projects.

Edge Case Coverage without Developer-Fatigue

Developer-owned testing can often hold risks of developer burnout. Rainforest Exploratory's crowdsourced testers helps Poll Everywhere avoid testing fatigue and prevents potential issues from slipping through the cracks. "Rainforest Exploratory testing helps us get someone who has not seen any of this before in from of the feature," says Brian. "They're familiar with the project because it's usually the same set of testers, but have fresher eyes, and they're looking at it with a new perspective." This fresh perspective has allowed Poll Everywhere to improve the efficacy of their testing processes. For one recent project, Rainforest Exploratory has surfaced 36 previously unknown bugs for Poll Everywhere, allowing the team to address those issues before deploying the new feature.

As a result of adding Rainforest Exploratory to their QA strategy, Poll Everywhere can now spend less time on testing without sacrificing confidence in the quality of their product. Brian and his team get the benefits of having access to an on-demand QA team without adding headcount or pulling team members from other projects. "Rainforest Exploratory helps us speed up deployment. I don't need to bring in other people from within the company to do smoke and sanity tests. My confidence is higher and we can ship out earlier," says Brian.

About Rainforest QA

Rainforest QA helps agile and continuous delivery engineering teams move faster with the industry's only AI-powered crowdtesting platform. Our platform leverages 60,000 qualified testers to deliver on-demand, comprehensive and machine learning-verified regression test results. Rainforest customers spend less time and money testing so they can ship better applications faster. For more information on Rainforest, visit https://www.rainforestqa.com.