Edtech

Rainforest QA gives Edtech companies a flexible human tester force without scaling up their in-house QA team.

For developers in education technology, making software as accessible and user-friendly as possible for students and teachers is a central concern. As consumers become more tech-savvy and have higher expectations for software performance, shipping bug-free software can make or break user adoption.

Unfortunately, many common testing issues that Edtech teams must account for require time-intensive and costly manual testing that can slow down production significantly. The Rainforest Continuous QA platform provides a faster, more scalable QA solution that fits the testing needs of EdTech companies.

Rainforest QA by the Numbers

11,842 Average number of tests monthly

Time saved *(vs. manual testing)* **11,320 hrs**

Money saved *(vs. manual testing)* **$377,400**

2,095 Bugs discovered

On-demand Manual Testing at the Speed of Automation

Before implementing the Rainforest platform, many of our Edtech customers leveraged a combination of manual and automated or entirely manual testing procedures. As a result, many of these companies had to maintain significant in-house QA teams to run everything from simple smoke tests to standard regression test suites. While some Edtech companies have adopted continuous delivery and deploy on a weekly or even daily basis, many Edtech companies must align development activities with school breaks to prevent deployment from disrupting use. These compressed development cycles can mean feast or famine when it comes to testing needs, leaving companies with either a lack of testing resources during sprints or an excess of testers between major deployments.

On-demand testing with Rainforest QA means more than giving users the flexibility to test any time of the day or night without advance planning. The Rainforest on-demand network of 50K testers lets organizations with irregular testing schedules adjust their testing capacity as needed, without scaling up their QA teams or maintaining a larger team than they need year-round. Whether companies deploy continuously or in compressed sprints, Rainforest QA gives them the flexibility to scale their testing bandwidth up and down as needed to account for seasonality.

rainforest

Testing Multiple Personas in Parallel for Faster Results

Edtech companies often cater to a wide range of end users, from students and parents to teachers and administrators. As a result, Edtech platforms and portals often require extensive testing of multiple user permissions and complex activity flows that can be time consuming to execute in-house. For example, a company may need to test whether a homework assignment can be accessed, edited, and reviewed by both teachers and students with different permissions. Testing this flow with traditional manual QA would require a large team or a significant time commitment.

By using Rainforest QA to execute stage-based testing, our customers can ensure that complex flows involving multiple user personas and role-based permissions function correctly. Testing with the Rainforest platform allows companies to test these complex flows in parallel, streamlining the testing process. Rather than waiting days or weeks to run through multiple user flows to identify and fix bugs, companies can get test results in about 30 minutes.

Easily Log in with multiple personas to test complex permissions

TEACHER	STUDENT	PARENT
Uploads and grades assignments	Accesses and completes homework	Views assignment and reviews grades
permission: ADMIN	permission: USER	permission: READ ONLY

rainforest

www.RainforestQA.com

Visual Edtech Interfaces Need Human Testers

Educational software often relies heavily on visuals to communicate complex ideas simply. Testing these interfaces is key since their often-diverse set of end users is unlikely to have formal product training. Edtech user interfaces must be intuitive and easy-to-use, whether the end user is a school administrator or a 10-year-old student. Additionally, with multiple users and an emphasis on engagement and interaction, these interfaces can create complex, difficult-to-test user flows. Testing automation doesn't have the human subjectivity needed for accurately testing these types of user experiences. But ensuring that pages display correctly and are easy to navigate is essential to product success, making human testers indispensable to Edtech QA processes.

Interfaces designed for humans should be tested by humans. Because human testers are better at picking out visual problems and coping with small changes to layouts, they do a much better job of gauging how human end-users will interact with the interface. Rainforest QA gives companies access to a scalable pool of vetted human testers on-demand, to ensure accurate assessment of UX. With the Rainforest platform, companies can effectively perform tests that require manual testing, but at the speed of automation.

Rainforest QA Edtech Customers:

rainforest

Breaking through the testing bottleneck with Rainforest QA

Edtech is a highly innovative and quickly evolving space, but with learning on the line developers can't afford to risk breaking their code with every push. Traditional manual testing methods can be time and resource-intensive endeavors that slow down development cycles. Rainforest QA gives Edtech companies the ability to test with real humans more efficiently. That means less risk of downtime for the students who rely on their products, and faster, more confident deployments for Edtech innovators.

Ready to Move Fast with Rainforest QA?

Rainforest QA lets EdTech companies benefit from fast, scalable manual testing so they can focus on moving fast and building innovative products. Want to learn how Rainforest QA can have an impact on your development cycle? Contact us to set up a demo today.

rainforest

About Rainforest QA:

The Rainforest Continuous QA Platform provides on-demand manual QA-as-a-Service so that agile and continuous deployment teams can develop software quickly without compromising quality. Powered by 50,000 qualified testers, the platform serves as a management tool for writing, running and getting manual QA results is less than 30 minutes so that companies can focus on building quality software, not managing individual testers. Full feature access is available via API to seamless incorporate the platform into your existing development workflow.

www.RainforestQA.com