

# HOW EDCAST REDUCED 73% TESTING TIME AND BOOSTED TEST AUTOMATION COVERAGE TO 50% IN JUST ONE YEAR

## Customer Overview

EdCast is an award-winning unified talent experience platform recognized as a Technology Pioneer by the World Economic Forum. The solution is designed to enable end-to-end employee journeys covering learning, training, and career mobility. Organizations that use EdCast are able to attract, develop, and retain a high-performance, future-ready workforce. The learning experience solution is used internationally by a range of organizations, from Global 2000 companies to small businesses and governments.

Let us find out what they were able to accomplish with testRigor.

73%

Reduction in testing time. Edcast saves 9 ½ hours of manual test time per test run

5-6X

Daily automation output increased from one per day

50%+

Test coverage achieved and continues to grow

## The Problem

EdCast was operating with a traditional, manual testing approach. They initially thought automation was not possible since the UI changed multiple times. By the time the UI stabilized, they already had **6,000 test cases**.

EdCast realized they would not be able to manually run all of the test cases; to do so, they would need **50-60 manual testers** to achieve 100% test coverage. With their 3-week Agile sprint, they needed test automation to speed up testing. Moreover, due to the time-consuming and error-prone method of manual testing, they were constantly dealing with bugs and spending unnecessary time on test maintenance.

When manual testing was no longer feasible, EdCast began looking into test automation. After extensive research, they found testRigor to be far more flexible, powerful, and easy to use than any other product on the market.

### Key Objectives

- Automate all 6000 UI test cases from scratch as soon as possible
- Utilize the existing team of 15 manual QAs for test automation
- A solution that could quickly automate tests
- Minimum test maintenance and training costs

“The manual team does not need to be sidelined, and I don’t need to hire separate experts for automating scenarios.”

 **SAGAR BHUTE**  
ASSOCIATE DIRECTOR, QA - EDCAST

## The Solution

To find the right test automation solution, the testing team at EdCast had a list of capability requirements:

- Codeless automation
- Web testing
- Low test maintenance

They chose testRigor because it was the only product that was user-friendly and included the required capabilities. By automating repetitive and time-consuming manual testing processes, the team now saves approximately 9.5 hours for every test execution cycle. They achieved over 50% test coverage across critical functionalities, ensuring higher product reliability and reducing the risk of undetected defects in production. Core sanity and smoke test suites have been successfully automated, enabling faster validation of build stability and early detection of breaking issues.

DevOps processes are now automated and more efficient, with smoother integrations between testing, deployment, and monitoring stages. With automation integrated throughout the testing and delivery process, deployment frequency has increased significantly. New QA engineers can become productive within 1-2 weeks of joining, thanks to testRigor’s intuitive, no-code test creation process. This rapid onboarding reduces training overhead and accelerates team scalability.

“It's easy, it's fast, and it works. When we talk to you, we get solutions.”

**SAGAR BHUTE**  
ASSOCIATE DIRECTOR, QA - EDCAST

### Solution Highlights

- Thanks to testRigor’s short learning curve, EdCast got up and running almost immediately.
- The team set a KPI of creating at least one automated test a day with testRigor. However, when engineers had spare time, they could create up to 5-6 well-reviewed, automated test cases a day.
- They wanted to achieve test coverage with quality, which they were able to do easily with testRigor.
- They found training new hires with testRigor was not hard, and they were able to have them create automated test cases within 1-2 weeks.
- With the increased speed of automated test case creation, EdCast was able to achieve test coverage of **all P0 and P1** bugs.

Before

- Limited automation
- Low test coverage
- 13 hours to test 7 environments
- High test case maintenance

During and After

- The manual team is now automating
- 5%-10% increase in test coverage per release
- 3 ½ hours to test 7 environments
- 1-5 Scripts a day automated with testRigor
- Low test case maintenance

## The Result

With EdCast’s testing strategy of quality and testRigor’s system, they achieved a steady **5% to 10% increase in test coverage** per release. Within just a year, they achieved 50%+ test coverage on their product, which included automating all higher-priority P0 and P1 issues. Additionally, they automated all sanity and smoke tests, thereby speeding up DevOps.

EdCast relocated 10 QA automation engineers from their team to different roles. The manual team is now utilized to create the automation test cases and tasks, and their new testRigor automated test cases saved 9 ½ hours of manual testing time on their seven environment tests. As a growing company, they were able to onboard new hires within one to two weeks of training.

They noted testRigor’s dedication and personalized approach to customer service as a key factor in this success.

## Summary

Objective 🎯	Result 🏆
Codeless Automation	1-5 Scripts a Day Automated by Manual QA
Automate FDA 21 CFR Part 11 Compliance	5-10% Increase With Each Release
Increase Testing Speed	Little to <b>Zero</b> Maintenance
Reduce Time Spent Testing	<b>73%</b> Reduction in Testing Time
Time Saving	Saves 9 ½ Hours Per Test Run

## testRigor can also help you

“The maintenance is less compared to other Selenium frameworks.”

**DANISH**  
QA MANAGER - EDCAST

testRigor’s generative-AI-based no-code automation platform makes it easy for QA teams to quickly build test automation while spending almost no time maintaining tests for web, mobile, desktop, databases, APIs, and without apps. Tests are written in plain English and empower anyone, with or without technical knowledge, to quickly build and maintain tests, as well as understand test coverage. This dramatically reduces the dependency on engineering resources, freeing developers to focus on building features. As a result, organizations can achieve faster release cycles with higher confidence in product quality.