CASE-STUDY

How Accrosoft Improved their Quality Assurance Process with Boozang

accrosoft
Vacancy Filler weduc

boozang

INTRODUCTION

About the client

Accrosoft is an award-winning, cutting-edge, technology company based in Loughborough, Leicestershire, and boasts leading technology products:

Vacancy Filler Recruitment Software,

Weduc.

As their application complexity had increased, along with tremdous growth in their customer base, they needed to make internal changes that would enable them to:

- Reduce time spent on manual regression testing
- Ensure comprehensive testing coverage
- Create large data sets automatically that are impractical to generate manually.

RESULTS

70 %
Time spent manually testing cut by more than half.

90 %
Regression testing is almost entirely automated.
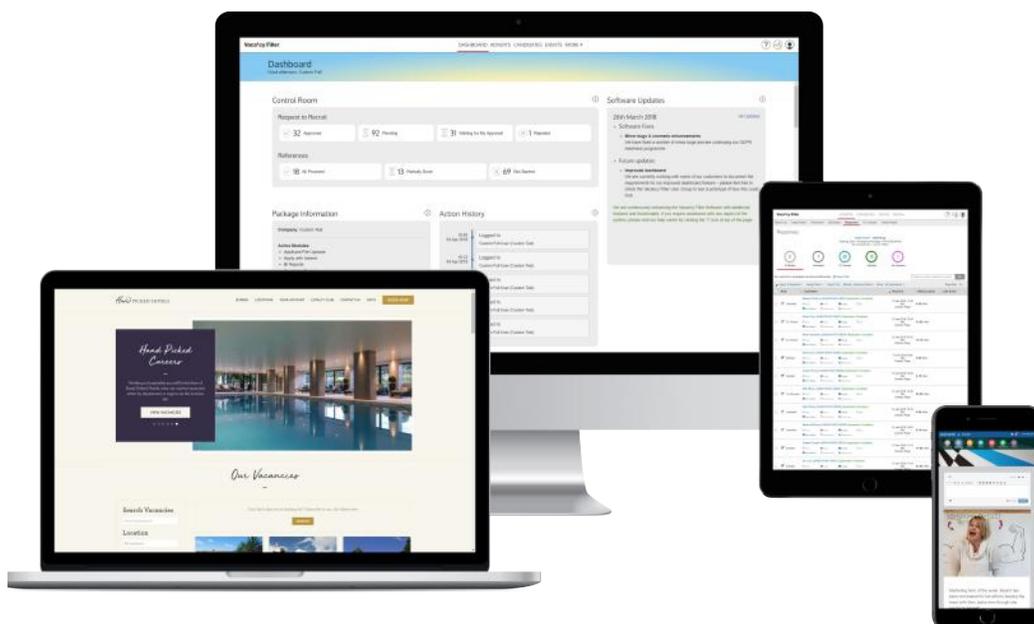
CHALLENGES

Establishing robust tests with minimum maintenance requirements

Accrosoft provides SaaS (Software-as-a-Service) solutions for a large number of clients throughout Europe, covering a wide variety of sectors and an impressive portfolio of household names.

With such a diverse and expanding customer base, Accrosoft was having to continually evolve their product offering, which led to longer regression times for new releases and more prevalence of bugs due to new code disrupting the old code.

The Accrosoft development team knew that these issues needed to be addressed quickly and efficiently without causing any additional disruption to their development sprints. Some of the key issues to be addressed by Boozang were:

- Ensuring that new releases didn't break any functionality for existing customers

- Ensuring that regression test times were not growing, whilst avoiding the risk of making manual testing a bottleneck for the team

- Avoiding the overuse of manual testing that gives little visibility in terms of test coverage and throwaway work with little reuse

- Creating a solution that would allow for the recording of tests with minimum manual intervention for multiple feature laden projects

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Dan Cody
QA Lead Engineer

Vacancy Filler

The ability to copy test suites, cases and components allows us to test a new variation of a feature, validating the change while ensuring that existing functionality is unaffected.

SOLUTION

Data-driven automation of all major usage flows

Accrosoft's QA team decided to automate their product testing flows and selected Boozang for its combination of advanced data handling with an easy-to-use interface, making automation of usage flows straight-forward, fast and efficient.

The ability to create reusable test suites, cases, and components meant that exceptional test coverage could be achieved.

Having robust, automated, regression tests would allow the team to release software with more confidence. Even though the Accrosoft team were aware that manual testing could never be completely eradicated, most of the robot-like testing could be removed, and bugs could be caught earlier on in the process, before hitting the live production system.

RESULTS

Boozang in numbers

Below table gives an overview of the time spent on regression tests for each product, before and after the introduction of Boozang. As the QA team could apply a solid automation strategy from the start on the Weduc product, they were able to automate all tests including edge-case scenarios.

Product	Percent Automated	Average Regression testing (before Boozang)	Average Regression testing (with Boozang)
Vacancy Filler	90%	Minimum 1 day	3 hours
Weduc	90%	Minimum 1 day	2 hours

Amol Aridas
QA Lead Engineer

weduc

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With Boozang we are saving weeks of testing for each project regression cycle. It also highlights product issues earlier vs. manual testing, reducing overall deployment time getting product to market sooner.

3 highlights after implementing Boozang

Better Quality

When pushing new functionality or bug fixes this could sometimes affect existing features and introduce bugs. Now when our regression flows are almost fully automated we catch bugs much earlier, ensuring higher quality releases.

Better team utilization

With our team freed up from repetitive robot-like testing they can focus on more qualitative activities, such as usability testing.

Comprehensive coverage

As well as testing existing and new features for software releases we have tests that check over 100 live smart feed websites in less than 15 minutes.

The QA team run the tests each release to ensure customers get the best experience without any errors, without Boozang, checking all the smart feed websites would be a very time-consuming task.

CONTACT US

Are you facing similar challenges?

Learn more about Boozang

If you want to learn more about Boozang and the solutions our application can provide for your needs, you can visit our website or contact us by email.

Homepage: https://boozang.com
Email: info@boozang.com

Request a demonstration

If you want to get a live demonstration of the product, reach out via email or contact us by phone: +1-(888) 963-9607

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