CASE-STUDY

How A SaaS Company Improved Their Quality Assurance process with Boozang

beeye

boozang

INTRODUCTION

About the client

Beeye is a Montreal-based SaaS company. It's the team planning tool you need to better plan your activities, assign your employees, track worked time, and assess your profitability.

As their customer base and application complexity had grown they were looking to

- **Reduce manual regression testing**

- **Push features faster to the live environment**

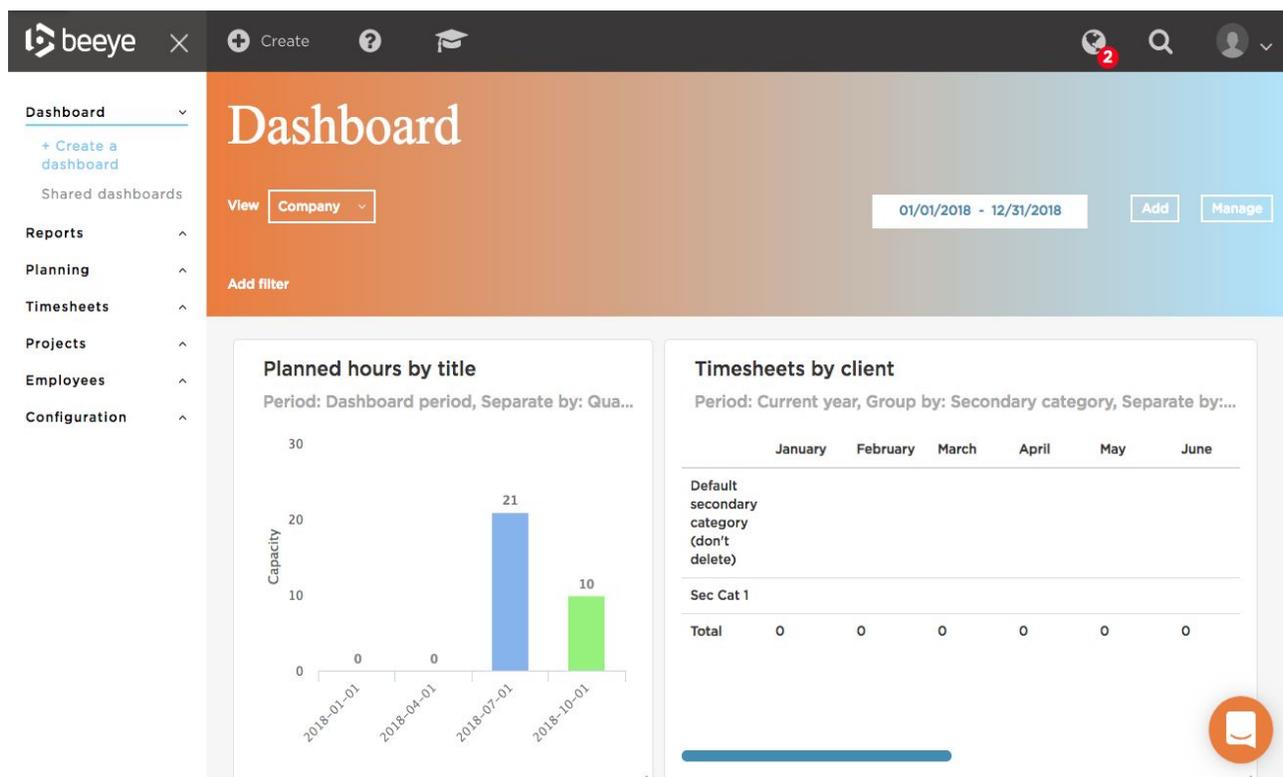- **Establish a continuous integration pipeline**

RESULTS

66 %

Time spent on manual testing was cut by two thirds

2 weeks

All high-priority application flows were automated within two weeks.

The Beeye Dashboard

Establishing robust tests with minimum maintenance required

The client is a SaaS (Software-as-a-Service) for SMEs that provides a Cloud-based solution for time and project management, and the business intelligence to support decision-making and accountability.

As their customer base have grown rapidly and they have moved their focus towards inbound sales, the number of feature requests has also grown, making the usage flows more complex. This has also lead to longer regression times for new releases, and more prevalence of bugs due to new code disrupting old code.

These issues needed to be addressed at the time of the Boozang implementation:

- Having a growing user-base it was increasingly important that every new release didn't break functionality for existing customers

- Having a larger set of features to test meant that regression test times was growing, making manual testing a bottleneck

- Doing manual testing meant little visibility in terms of test coverage and throwaway work with little reuse

- Scaling up the development team meant an increasing need for code quality control and direct feedback

Yury Doroshenko
Chief Technology Officer

beeye

" *Keeping automated tests up-to-date is always an issue. Boozang's auto-repair function allows us to spend a minimum of time repairing old tests, so we can focus on improving test coverage and building tests for new features*
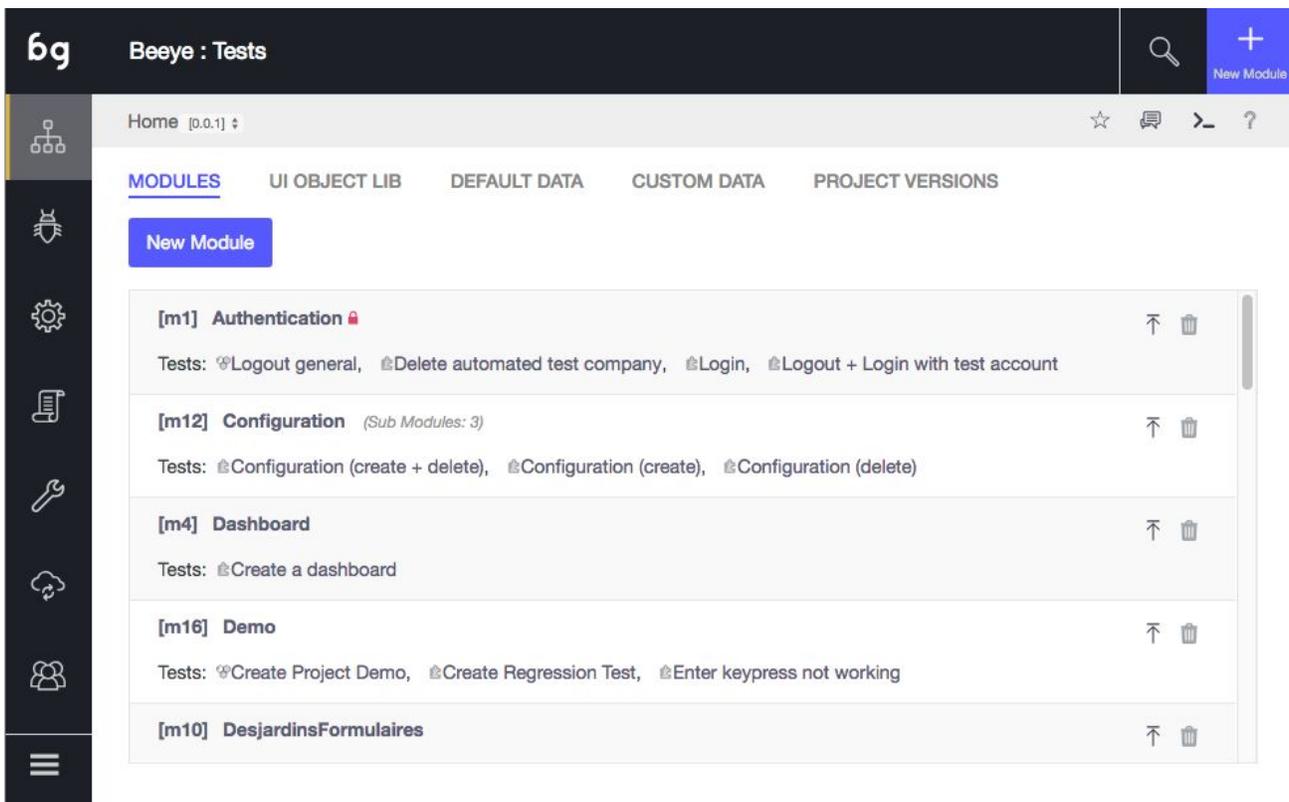
SOLUTION

Data-driven automation of all major usage flows

The team decided to automate their product testing flows and selected Boozang as it combined advanced data handling with an easy-to-use interface, making automation of usage flows straightforward and very fast.

The ability to create reusable test components (so-called atomic tests) meant that great test coverage was achieved in the manner of weeks and benefits were seen within the second week of implementation.

Moreover, the tool allowed the non-technical part of the team to report bugs on the software directly in the browser, eliminating emails being sent back and forth.

Having robust automated tests in a basic CI pipeline allowed the team to push features into production faster and with more confidence. Even though manual testing can never be quite eradicated, most of the robot-like testing have been removed, and bugs can be caught before hitting the live production system.

The Boozang Tool

RESULTS

3 highlights after implementing Boozang

Automated regression flows

When pushing new functionality or bug fixes this could lead to side-effects breaking existing features. Having the most important application flows automated gives peace of mind that critical customer functionality is working as it should.

Better use of Quality Assurance resources

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

Better code

Automating tests on top the application code makes the application architecture visible, and keeping testability in mind enforces a modular approach to the code. It allows the team to find code that needs to be refactored and also helps us create better data forms.

Baptiste Guivarch
Product Owner

At every release, we would be worried that our users would complain about broken features the next day. Now, we sleep better as we can ensure that both features and values are correct before pushing live!

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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