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in exploring this content.

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a.s.r.
de nederlandse
verzekerings
maatschappij
voor alle
verzekeringen

Client Profile

Industry: Insurance

Company: a.s.r.

Members: nearly 3,900

Benefits

- Increase clarity between the business and IT
- Get 100% functional coverage of all requirements.
- Eliminate rework during the development and test phases.
- Automate test case design and optimization.
- Generate test cases, including individual unit tests, directly from the requirements at any time.
- Achieve maximum coverage with the minimal amount of test cases, while eliminating inefficient manual testing.
- Empower testers and the business to stay in control of constantly changing requirements.
- Easily support changes to requirements or processes with an immediate understanding of their impact.

Introduction

Dating back to 1720, a.s.r. is one of the largest insurance and financial services providers in the Netherlands. The company has adapted to the digital age, providing online banking, and offering a *Drive Safely* android app. In fact, software is now integral to delivering an innovative and relevant customer experience. In this customer success story, an a.s.r. test data engineer discusses the critical role CA Agile Requirements Designer (ARD) played in allowing their test team to deliver under a tight deadline.

Why Didn't You Approach Me Sooner?

User needs and business requirements are constantly shifting, whatever the industry. At a.s.r., this meant that the test teams frequently found themselves being given projects at very short notice, while the requirements themselves were still evolving. In one instance, they had two weeks to deliver a fully tested application, while having to reckon with constant change.

A typical instance starts with the project manager approaching the testers, asking if they would be able to set-up an automated test framework for his project and execute to it, all within two weeks. As testers, their initial reaction was always, "Why did you not approach me sooner?" This issue happens in most, if not all, companies around the globe: The software needs to be delivered tomorrow, and, oh yeah, it needs to be tested too.

Often, an important question to ask before attempting to test correctly is, "Where are the requirements and how well defined are they?". In addition to the project manager wanting to test everything, it turned out that the requirements were still being updated. This meant that, up-front, the test set-up needed to be flexible.

Customer Success Story: a.s.r.

“After two business days, we had executed all 137 test scripts with 100% coverage and zero defects found. A result to be proud of.”

Test Data Engineer, a.s.r.

One Hundred Percent Functional Coverage

CA ARD provided the functionality and flexibility required to deliver fully tested software on time and on budget, even in the face of constantly changing requirements. In four hours, existing requirements were mapped to a flowchart model, which allowed test teams to quickly and easily understand the changing requirements. Test cases derived directly from the model provided 100 % coverage. The model was flexible so that the tests could be quickly and automatically updated.

The flowchart provided a single point of reference for the business and IT so that test teams immediately understood changes made to the requirements. Once the optimal set of test cases were generated, it took only two days to execute them. As a result, the fully tested software was released on time, with no incidents. Since introducing CA ARD, the business teams now approach the testing teams far earlier. And test preparation time has been practically reduced to nothing.

Automated Test Design and Test Optimization

A couple of months have passed since a.s.r. achieved the results described above. With hindsight, a.s.r. can say that the release of the software was a great success. No incidents occurred, the customer was happy, and the testers were overwhelmed, for a change, with *compliments*. One of the greatest effects of adopting CA ARD, is that the business teams now ask the QA teams to participate in the very early phases of the requirements gathering process. The entire business line now also uses a flowchart as a means of improving internal communication. As a result, changes in requirements (and hence testing) can be made very quickly and easily. The time required to prepare tests has decreased dramatically, and test preparation time is virtually non-existent.

Test Drive CA Agile Requirements Designer Today!

Flexible flowchart modelling, automated test case design, and test optimization meant that testers can deliver rigorously tested software even with constantly changing requirements.

Download your free ARD trial today!

Broadcom Inc. (NASDAQ: AVGO) is a global technology leader that designs, develops and supplies a broad range of semiconductor and infrastructure software solutions. Broadcom's category-leading product portfolio serves critical markets including data center, networking, software, broadband, wireless, storage and industrial. For more information, go to www.broadcom.com.

As of November 2018, CA Technologies was acquired by Broadcom Inc.