

10+ YEARS OF EXPERIENCE

1M+

100+

300+















sted Testing, Mobile Testing, Perform Testing, Web Testing, API Testing



## Project Overvi

What DCMS had in the testing processes when they came to us and what they got after they started working with us.





8000 BUGS REPORTED

90% TEST CASES

700

3000 MAJOR ISSUES

The Challenge
A technology company that integrating software into dental lab follogidate, and data to transform the dental service experience.

The client was looking for a reliable, QA partner who will be responsible for the quality of the project. The product consists of Web and Mobile applications for ICR and Android

The lack of test documentation dish't allow us to make structural testing, that in why we started with familiatration with the product and the requirements. We designed the test plan and test occus. Fact cases ciliowed us to avoid chaotical testing and prevented us from missing the bugs.

Another challenge was the existing workflow in Jira, which complicated bug's lifecycle and didn't allow to understand how many bugs left unfixed before the release and their priorities.

After familiarization with the project's requirements, we decided to store test documentation in the TostRail. We integrated TostRail with Jiro to have full access to related to the result on Jiro side, as well as test case links and TestRail matrics & distributions.

For Web automated testing, we decided to use Ruby + Capybara + Selenium + Cucurniber stack and to add tests in Junkins to Integrate them into the CI(C) process. We not lets an Soucelable and started the recusts on Jordins side. To speed up the tests, we added multithreading to run tests in parallel on 10 different threads which reduced the time of the build in 2 frems.

For mobile automated testing, we used Applium and ran tests on AWS Device Form as well as on our local mobile physical devices. Here we used 3 threads which means that 3 different tests were running in parallel on mobile devices.

Within the timescale of this project, we covered more than 90% of the applica with the test cases and 80% of web/mobile apps with the automated tests.

The client wanted to invest in automated testing once the QA process is formalized and integrated auto-tests into CI(CD process. The automated test should be numing on the real devices as well as on the armiators in the cloud. All the team should have access to clear and nice-view reports.

Additionally, there were needs in the performance and loc while the project was growing.

We were continuously adding the new test cases, automated tests, and m manual testing activities for the new features.

Performance testing was also a part of QA strategy designed by DevQA. The suite and all scenarios were created from scratch using "Meter. We set up memistra on the bookend to review how DPL, RAM, by Changes under the load. As a result of performance testing, we prepared a detailed report with the bottlenesic and our recommendations for the improvements.

As a result of work, our customer successfully launched a project with a minimum number of issues. Our customer proised our solutions.

# Services Provided

We were responsible for creating on architecture of autotests, increasing fits statisticy and speed, reduce the build time, simplify the represents testing, the designed of automotive large states for representations of the states of the s

We were clso responsible for mobile testing. Our QA engineers developed and credited test documentation, constuded mount of contrag, designed mobile test safe contributes, developed automated tests, configured environment to our tests in the claud as well as on contragrand environment to our tests in the claud as well as on contragrand environment to our tests in the claud as well as on contragrand environment to our tests in the claude as well as on contragrand extension and testing and testing as the contragrand extension as the contragrand extension as the contragrand extension and testing as the contragrand extension as the contragrand extension as the contragrand extension as the

We automated API testing process too and used Faraday to achieve that, Tests were integrated into an existing test suite and added to the CI/CD process along with other tests.

QA team from DevIQA were responsible for manual testing, bugs verification, updating, and areating new test scenarios. QA engineers decigned and areated test documentation which overested almost the entire project with tricity cases, and they were involved in the manual web testing process. Web Testing 3-9.

tus know your tails we can get back to you discussion!

1 Free proof We will co 2 12 hours to start Within 12 hours, our

Quick team resize
 The size of the QA to

Doily prog
We send a
basis