



CASE STUDY

Automated about 80% of the test cases within 10 weeks for a iOS and Android based gaming application

The customer is a provider of mobile app development services for their customers. They have expertise across different platforms when it comes to mobile development. Their unique model of working allows them to provide solutions as per the business needs irrespective of the time and budget constraints. Most often than not, they satisfy their customer needs.

They are such a proactive organization that they wanted to ensure the quality of the mobile apps developed and delivered. Hence, they wanted a 3rd party verification and validation expert to help them with their quality. This project was done specifically for a gaming application on both iOS and Android.

They chose Zado as the partner to help them with this testing. Zado proposed automation testing with its Enhance – Optimize – Transfer (EOT) model, which was precisely what the customer wanted. Our understanding of mobility and our expertise in various test automation tools allowed the customer to choose in our favor.

Our customer had a unique challenge - No specific tool that is a direct fit for their needs

PROJECT COMPLEXITY

- No specific tool that is a direct fit for the customer needs
- They had daily builds for the app
- Insufficient regression coverage
- Predictability and confidence of the releases
- Cost of rework was very high

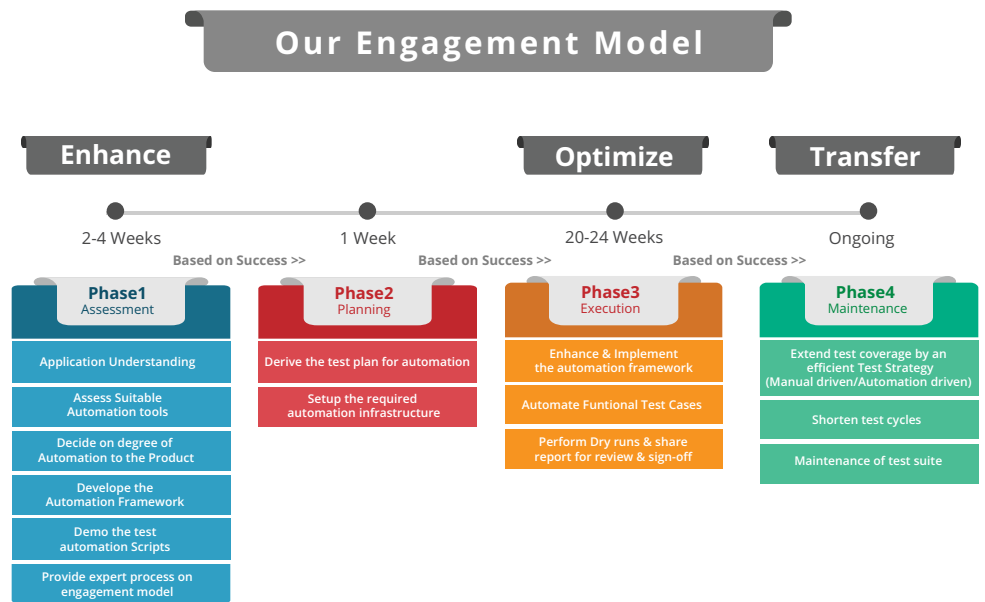
OUR ROLE

Zado understood the functional needs of the customer, which was to test the app across Android and iOS and ensure confidence levels of the releases. We helped them identify the tool to be used for test automation. This was done by doing a POC where we compared tools like Selenium Robotium, Ranorex and Appium. We chose Selenium Robotium as it allowed us to automate majority of the developed test cases.

We helped the customer develop 350 test cases to validate the application on Android and iOS. We automated about 80% of the test cases within 10 weeks time and executed automation successfully for daily builds. Then we transferred the entire automation testing activity to the customer. We help them maintain the test scripts.

Zado chose Selenium Robotium as it allowed us to automate majority of the developed test cases

EOT FLOW



This process is unique where the customer need not have to build the automation skills, however they can use their resources in running regression testing of their software with the help of our expertise.

OUR ENGAGEMENT

We shared the risks with the customer by offering them a free POC, which allowed them to see the value of automation testing for their app. After the successful POC, we went about creating the comprehensive list of test cases and automating them. This effort from our side helped the customer provide confidence to their end customers and win them.

BENEFITS

- Automation testing of mobile apps, which wasn't considered straightforward
- Improved regression coverage, enhancing confidence levels of the delivery
- Performing automation testing without in-house expertise; In-house testers remained testers while we handled the programming
- Quick Return on Investment with reduced reworking costs of the app
- Customer has made automation testing a component of future app development

ABOUT ZADO

Zado is a provider of test automation solutions with specific focus on web, mobile and cloud applications. Our framework-driven approach to test automation ensures reliability and performance of your applications in diverse environments and complexities.

Our Center of Excellence works towards ensuring the success of every test automation initiative of our customers, irrespective of the stage that they are in – startup, transitional or mature. We have successfully helped startup, ecommerce and Independent Software Vendors with their automation needs. Our goal is to ensure quality of your software using test automation optimally.

We are open to doing POCs and Pilots that prove our credibility. We also have an innovative engagement model, Enhance – Optimize – Transfer (EOT), where we implement automation testing and transition it to your local teams. Our points of intervention after that, will be only towards enhancing the automation framework.

Zado automation frameworks help manual testers write their own test scripts without the necessary automation expertise. This qualifies manual testers into automation testers, providing better economies of scale and faster ROI of your automation efforts.



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