



Increase Convenience Store Sales & Build Customer Loyalty

Completed

About the project:



Advertising



Web



USA, Austin



1 months



2 QA engineers



Alexey B



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Client

SignJet is a product of Devalent development company - it's a tool for creating and publishing interactive media campaigns (ads, menu, etc.) The project consists of two parts:

- an admin panel (web application) used for creating landings and publishing campaigns;
- different clients (web and mobile) launched on devices for campaign display.

Project stage

The project was in production, there were active clients.

What did they want to achieve?

To find regression bugs that could have appeared during implementing new features.

Why did they want to find a QA partner?

The QA process wasn't set up. PM carried out the tests. Only component testing covered front-end and back-end. The lack of a proper testing process and product growth altogether resulted in regression bugs. The purpose of testing was to conduct pre-release regression testing and develop a solution for automation. Over the course of testing, we added one more task – to prepare testing documentation.

Automation flow

We used webdriver.io for automation. Initially, the client suggested using [Cypress.io](https://cypress.io). However, this framework has one working session limitation, while you need at least two simultaneous sessions to conduct a check before the deploy (admin panel and web client). This requirement discarded the use of browser-based test tools. And since the project has a mobile client, it will also need testing in the future. Webdriver.io supports Appium, and this will allow closing the task.

What are the key points we have achieved?

We have achieved the following:

1. A checklist with regression checks and results.
2. A bug report with the detected problems.
3. Framework for automation of e2e scenarios.

Activities that took place during the cooperation

- a. Studying project and documentation.
- b. Developing a test strategy and a checklist.
- c. Following the checklist.
- d. Testing new features
- e. Developing an automated framework.

Tools:



NodeJS, Webdriver.io,
WebStorm, Postman



Jira, Google Docs, Google
Spreadsheet, Postman

Client Feedback

Everything we agreed with the UTOR team at the start was made in life by their high-skilled QA Engineers.

1. The regression test plan was created by QA Analyst. So we have initial QA documentation on our product. Good beginning the way to proper QA process.

2. Bug Report was made by QA Analyst and bugs were fixed by our dev team. It allowed our users to avoid catching bugs and made them happier.

3. Automation E2E Framework was developed. We have the scalable Automation solution for exactly what we need. So our releases will be faster and we can scale the solution when the product grows.

