Eat balanced and improve your health in a sustainable way with the only app that guides you from grocery store to your kitchen

✓ MAKE THE RIGHT CHOICES AT THE GROCERY STORE

DietSensor chooses ATAKAMA Technologies to perform load tests of 50,000 users for a mobile application

Project :

Load tests
Application performance diagnosis
Sizing of the infrastructure
Performance validation from the end-user's
point of view

Industry: eCommerce/Health

Benefits :

Be ready in 10 days to support 500 times the number of simultaneous connections to the site

Simulation of 50,000 simultaneous users on the Salesforce-Heroku cloud

Solutions:

Performance Engineering Center

POWERHOUSE User Satisfaction Performance

Created in 2015, DietSensor is the vendor of the eponymous solution dedicated to nutritional support on iPhone and Android. DietSensor was voted the world's most innovative application at the CES in Las Vegas in 2016, and the company is considered one of the 10 most innovative start-ups by Publicis. Today, the company has 14 employees and the application is distributed worldwide.

It translates for each person the nutritional needs recommended by public health professionals, so that anyone can regain control of their diet with the foods they prefer. The DietSensor application is intended for those who want a more balanced diet, those who want to regain their weight, those who want to build muscle, those with type 1 and 2 diabetes and those who need to normalize their cholesterol, triglyceride levels or reduce their blood pressure.

A strategic and ambitious project!

DietSensor was contacted by TF1 for a report to be broadcast during one of the weekend's newspapers. In this context, the teams knew that they were going to experience an extremely high traffic spike, of the order of 500 times the usual number of simultaneous connections, with a load increase of a few minutes. They had already had this experience following a switch to M6's JT, and they had only been able to respond to 20% of connection requests, which represents a significant potential commercial loss!
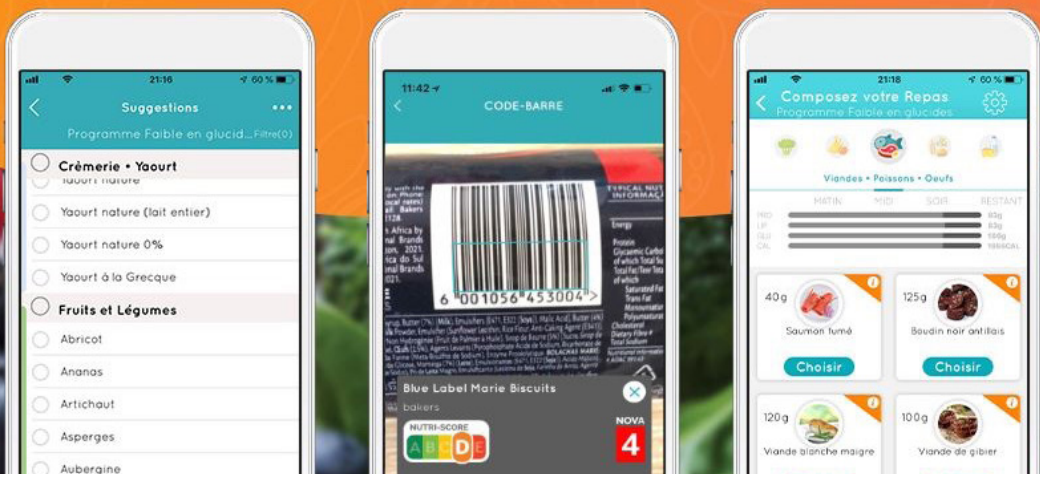
«That's why, this time, we decided to seek the help of experts to guarantee high-performance and quality access to all those who would like to connect following this report. In this context, we looked for a service provider specializing in mobile application load testing to help us «secure» the operation and optimize this communication campaign. **One of the challenges was to be ready within 10 days**» testifies Rémy Bonnasse, Co-founder and CEO of DietSensor.

An obvious choice to succeed in this project.

After contacting several market players, we chose ATAKAMA Technologies, which was the only player to respond within 24 hours in fixed-price mode and to commit to deadlines with a turnkey service..

Its offer based on its Performance Engineering Center, its POWERHOUSE Loadtest & Application Performance software suite in SaaS mode and its POWERHOUSE Cloud Infrastructure convinced us.

We decided to perform scale-up tests to simulate 50,000 simultaneous users in a very short time of 5 minutes on our native IOS and Android mobile applications and a deployment on Salesforce's Heroku Cloud.

This technical project has been perfectly mastered by Atakama Technologies :

- Understanding of our technological environment.
- A consulting approach based on an approach of popularization very appreciable for our engineers.
- Only 3/4 days to script all the scenarios.
- Provision of two experts who carried out turnkey projects, according to our expressions of need, at all stages of the project.
- In-depth alakysis of test results and detailed recommendations for improvements.
- A «Stop and Go» project model for load testing allowing us to stop and resume testing after making improvements to our systems within the initial proposed price envelope.

A real team effort!

Our online exchanges with ATAKAMA Technologies were very interactive and fluid. Its experts spoke my language, which allowed me, whereas I had no experience in this field as CEO of a start-up, to quickly grasp this complex subject with best practices.

Their analysis and recommendations helped us make the necessary improvements to both the application and the configuration of the Heroku Salesforce Cloud. We made significant progress within 10 days and now know where the areas for improvement need to be completed and how we need to optimize the performance of our application over time.

«In addition to the quality of the intervention of ATAKAMA Technologies, I must emphasize the economic competitiveness and also the flexibility, with the possibility to retest several times different configurations using the POWERHOUSE software and the POWERHOUSE Cloud Infrastructure at no additional cost».

«The competition's proposals were not only more expensive, but not as flexible and especially not turnkey for that price. »

The success of the DietSensor project demonstrates the expertise of ATAKAMA Technologies solutions and the relevance of its strategy based on the development of Performance Engineering Centers, the development of its POWERHOUSE User Satisfaction Performance software suite and its Cloud technical resources.

Atakama is a software vendor and engineering center, leader in the field of User Satisfaction Centric.
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