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PROJECT SPECS

Project Type: Web Application, Logistics Management System, Enterprise Resource Planning

Technologies: Ruby (Ruby on Rails), PostgreSQL, React, JQuery, Nginx + Phusion Passenger, Ubuntu, Redis, Sidekiq, SendGrid, CarrierWave + S3, ImageMagick, Semantic UI

Team: 1 Software Architect, 1 Software Developer, 1 Designer, 1 Project Manager / Business Analyst, 1 QA Engineer

Duration: 12 months, ongoing

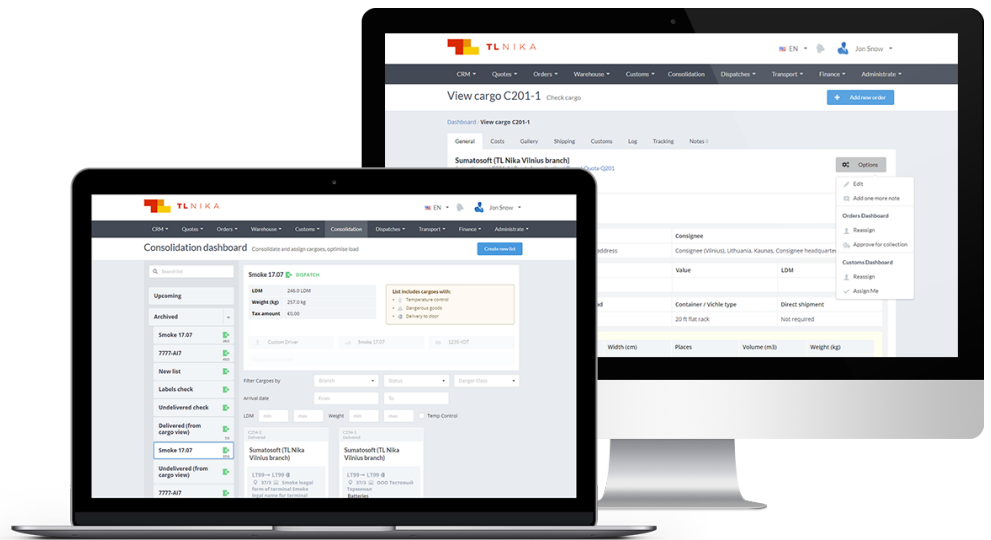**Methodology:** Scrum

TESTIMONIAL

SumatoSoft succeeded in building a more manageable solution that is much easier to maintain. Although they are a small team, their project management reflects the excellence of a larger company. Their team delivers high-quality results, attentive service, and reasonable pricing.

Yevgeniy Rozenblat
Program Manager, TL Nika

Client: Sturvalas LTD
Headquarters: Vilnius, Lithuania
Industry: Logistics
Website: http://www.tlnika.lt/en

TL Nika | Custom Logistics Management System Development

TL Nika is a comprehensive solution for companies operating in the logistics industry, covering all the major aspects of transport and cargo management.

CHALLENGE

The client, a Lithuanian company Sturvalas, specializing in transportation and cargo management, requested help from SumatoSoft to replace their outdated software system with a modern solution, built with the latest technologies and featuring modern design.

The legacy application was in a dire need of redevelopment and functionality upgrade to safeguard the client's premium positions on the market.

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OUR SOLUTION

With a strong emphasis on meeting the client's requirements, SumatoSoft built a completely new system from scratch. The use of state-of-the-art technology and refined software architecture provides higher scalability and enables smooth further enhancements. The newly redesigned product features top-notch UI design, while the enhanced and extended functionality set offers a much wider range of cargo tracking and customer management tools.

DISTINCTIVE FEATURES

- Custom CRM system with complex logic and extended functionality;

- Administrative Interface with an agile tool for permissions management: users management, entities management, classifiers management and many more;

- Client portal with kanban-like dashboards for monitoring cargo status updates;

- Quotes management: tracking of shipping requests, cost calculation, etc.;

- Orders management: real-time cargo tracking from the moment of dispatch to arriving to warehouse, consolidation and delivery to the addressee;

- Cargo Consolidation Module (compliant with regulations)

- Accounting Module;

- Waybill Print Module

A clear understanding of the parties' responsibilities, detailed requirements clarification, open and honest communication, timely risk management and coordinated change management became the basis for a successful project and confident relations between SumatoSoft and the client.

BUSINESS BENEFITS

The new platform is one of its kind, as currently there are no software solutions in the European Union market adequately covering logistics operation management and cargo dispatch tracking. Those few existing are totally outdated, have ancient design, old-fashioned workflow and do not reflect the present-day processes. So, TL Nika gives a competitive edge to the Client.

Furthermore, implementation of the new cutting-edge system enabled the Customer to maintain low cost and high efficiency, amid increasing complexity of the company's services.

Additionally, the solution developed by SumatoSoft for TL Nika allowed the Client to track freight data in real time and as a result, to find optimal ways to successfully overcome challenges along the cargo route and make informed business decisions.

The Company is planning further enhancement of the platform and implementation of additional features that will expand the system's functionality and align with modern market trends. In order to make the product even more competitive, integrations with a few industry-specific third-party systems will be added in the subsequent releases.

What is more, solution scalability, provided by SumatoSoft, is intended to allow the client to expand their application in the future and transform it into a robust and fully-featured SaaS solution. Thus, our new technology can innovate an outdated system not only for the Client, but also for the industry in general.