



SUMATOSOFT

COMPANY PROFILE 2023

We help companies to apply the best IT innovations to gain competitive benefits, improve their business efficiency, quality of services and products.

One Boston Place, Suite 2602
Boston, MA 02108, United States
<https://sumatosoft.com>
info@sumatosoft.com

CONTENTS











SERVICES OVERVIEW	3	ST. GEORGES UNIVERSITY	36
HOW WE WORK	4	PSYCHOMETRICS 360	38
OUR PROJECTS	5	DISPLAY ADVERTISING	39
DEXAI IOT PLATFORM	10	RIVALFOX	41
GLAMZ	12	MYMEDIADS	43
TL NIKA	14	EVOLV	45
TOYOTA	16	BOXFORWARD	46
SIMKEY	18	SOUS KITCHEN	48
WIDGETY	20	FIREANT	49
DATA PARSING APPLICATION	21	LPSOLUTIONS	50
Q&A PLATFORM FOR CREATORS	23	STAND UP FOR EUROPE	52
UMERGENCE	25	RENTING BOATS	53
SMART INTEGRATION	27	CRM SYSTEM	54
TARTLE	29	SELFIEST	55
FUELZ	31		
FRIDGE SENSORS	32		
DAIOKAN	33		
GGSWP	35		
		GET IN TOUCH	56

OUR SERVICES

With a deep understanding of modern technologies and strong expertise in business domains, based on properly set and transparent processes we implement comprehensive projects and deliver high-end web, mobile, IoT, and SaaS solutions.

SumatoSoft stands out in the background of its competitors since it has managed to become a technological partner for its clients. The partner, who delves into a client’s business challenges, needs, and pain points and provides upscale software solutions that fully meet those needs and all requirements.

EXPERTISE IN BUSINESS DOMAINS

-  AdTech & Marketing
-  Logistics
-  Media & Entertainment
-  eCommerce & Retail
-  EdTech
-  FinTech
-  Healthcare
-  Automotive
-  Travel & Hospitality
-  Real Estate

SOLUTIONS WE BUILD

- 
IOT DEVELOPMENT
- 
ENTERPRISE SOFTWARE
- 
SAAS PRODUCTS
- 
MVPS FOR STARTUPS
- 
MOBILE APPS

TECHNOLOGIES WE USE

- | | | | | | |
|---|---|---|---|---|---|
| <p>LANGUAGES</p> <ul style="list-style-type: none"> Ruby Python Node.js Elixir | <p>FRAMEWORKS</p> <ul style="list-style-type: none"> Ruby on Rails Sinatra Grape Phoenix Flask Express.js Nest.js | <p>DATABASES</p> <ul style="list-style-type: none"> MySQL PostgreSQL MongoDB Redis Memcached MSSQL Neo4j Graph Elasticsearch ClickHouse AWS DynamoDB AWS Redshift Microsoft SQL Server | <p>CLIENT SIDE</p> <ul style="list-style-type: none"> AngularJS EmberJS ReactJS Vue.js BackboneJS Bootstrap Sencha (ExtJS) Custom JavaScript | <p>SERVER SIDE</p> <ul style="list-style-type: none"> Apache Nginx Unicorn Puma Thin Passenger | <p>API INTEGRATION</p> <ul style="list-style-type: none"> Payment Gateways Google Apps Ads platforms Social Media Geolocation Travel APIs Shipping APIs Marketplaces |
| <p>REPORTING & BI</p> <ul style="list-style-type: none"> JasperReports JasperServer BIRT Pentaho Talend | <p>ECOMMERCE</p> <ul style="list-style-type: none"> SpreeCommerce Custom ecommerce | <p>BLOGS & FORUMS</p> <ul style="list-style-type: none"> Refinery CMS CommunityEngine Discourse Fat Free CRM Webflow.com | <p>MOBILE</p> <ul style="list-style-type: none"> Swift (iOS) Kotlin (Android) React Native | <p>MONITORING</p> <ul style="list-style-type: none"> Newrelic Zabbix Datadog Errbit Rollbar Sentry | <p>ANALYTICS TOOLS</p> <ul style="list-style-type: none"> Google Analytics Graphite Yandex Metrics |

FULL CYCLE DEVELOPMENT SERVICES



BUSINESS ANALYSIS

We analyze business needs and offer the best solution for our Clients.



UX/UI DEVELOPMENT

We create seamless and efficient user flows.



DEVELOPMENT

We hire only highly experienced IT professionals.



TESTING AND QA

Our goal is to make our products work without fails.



DEPLOYMENT

We assist companies in deployment, scaling and maintenance of applications.



DATA MANAGEMENT

We help to manage all the business data in the system the right way.

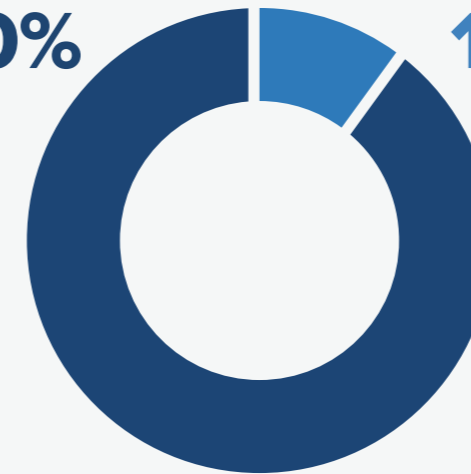
ENGAGEMENT MODELS

TIME & MATERIAL

90%

FIXED PRICE

10%



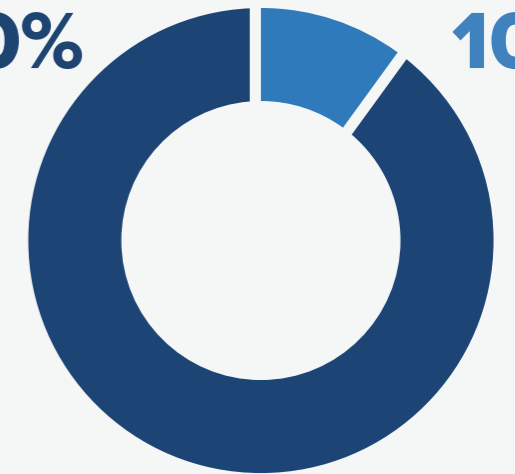
METHODOLOGIES

SCRUM

90%

KANBAN

10%

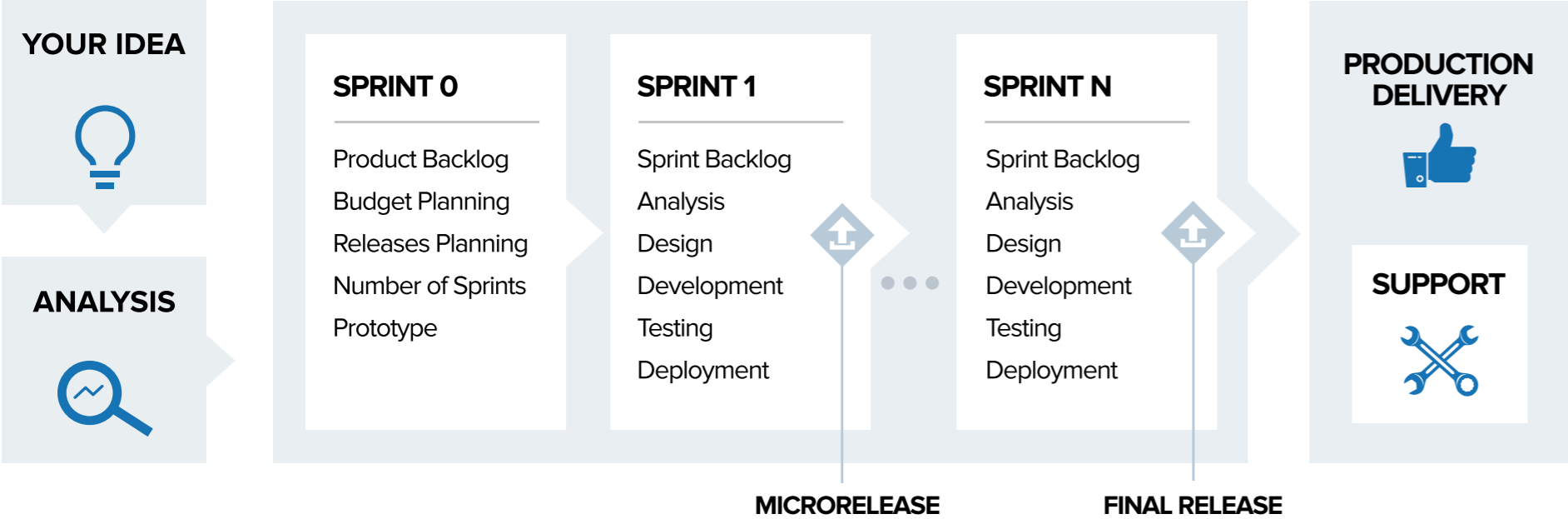


Our clients are always active participants in the project development lifecycle, controlling the progress and having an opportunity to introduce changes at any time. As a result, we guarantee high quality of the final product and our services by supporting transparency of the working process.

AWARDS & RECOGNITIONS

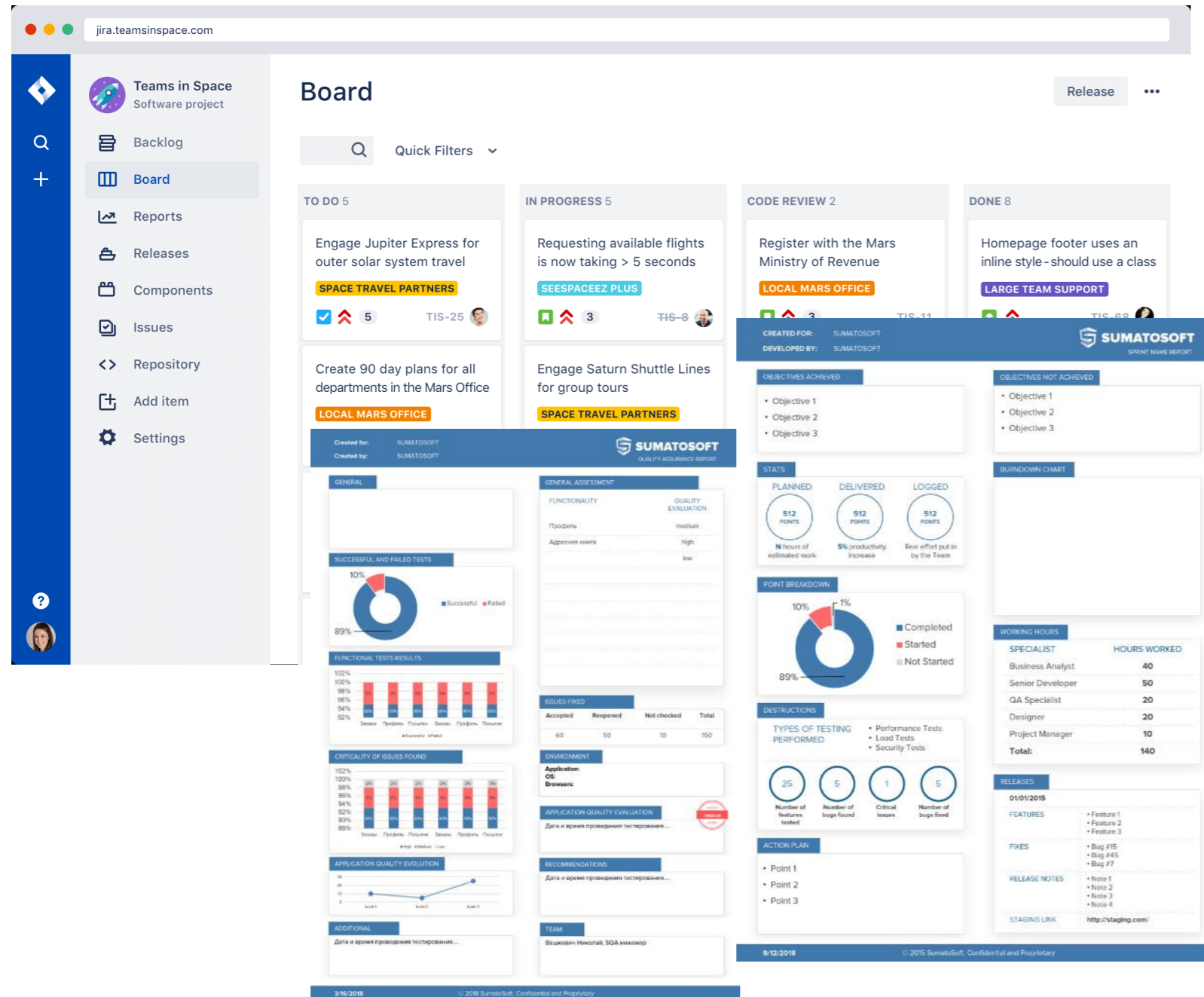


COLLABORATION APPROACH



- Well-defined and established cooperation processes and practices
- Following Agile methodologies (Scrum, Kanban)
- Adjusting to the business processes
- Augmenting with the business teams
- Assigning dedicated project manager / business analyst

TRANSPARENCY AND CONTROL



- Detailed reporting (Sprint / monthly reports, custom reports)
- 24/7 access to project management system (Jira, Trello, etc)
- Clear and detailed estimates
- Committed to defined timeframes
- Regular communication (calls, emails, chats, personal meetings)

KNOWLEDGE SHARING & QUALITY CONTROL



- Knowledge sharing process
- Detailed documentation
- Quality control through QA and tech review
- Highly qualified and experienced team

KEY OFFERINGS

- Becoming a reliable technical partner
- Focus on the business value delivery
- Deep project involvement and interest
- Predictable delivery
- Transparency and control of the process
- Sharing technological and domain experience and expertise
- Business success orientation

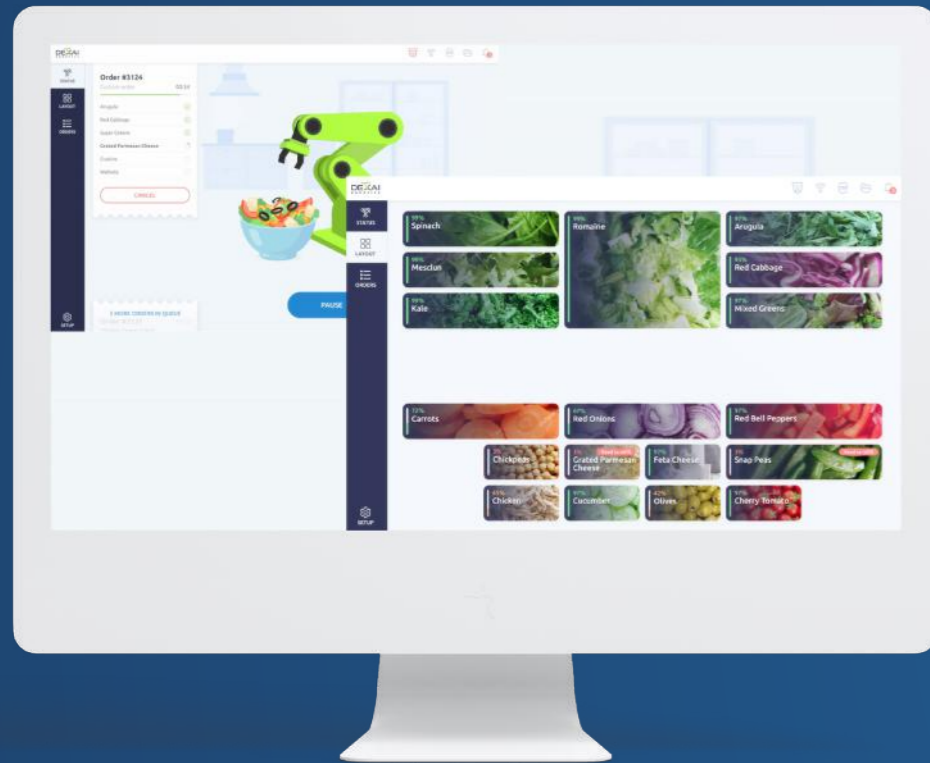


SUMATOSOFT

OUR PROJECTS

After years of custom business software development, we thoroughly understand the challenges our customers face. We systemized and analyzed that knowledge, then established accurate processes of software development that perform well in various domains, such as Logistics, AdTech, Real Estate, Retail, and others.

WEB | IoT



Dexai Robotics
<https://www.dexai.com>

**Graphical User Interface
 for Robot Operation**

BUSINESS CHALLENGE

There was a robotic arm named Alfred, but only robotics and software engineers could communicate with it. The client didn't have a user-friendly interface that sends commands to the robot or monitors its state.

The company planned to sell Alfred to restaurants and reached out to the SumatoSoft team to develop a platform with GUI for interaction between restaurant personnel and multiple robots.

THE MAIN CHALLENGES

Not all restaurant workers are native English speakers. Thus, GUI must be intuitive, informative, and simple so every restaurant worker can understand the current Alfred state or an error just at first sight on the screen.

Another challenge of this project was the requirement that the main order processing flow should work offline (without global Internet connectivity).

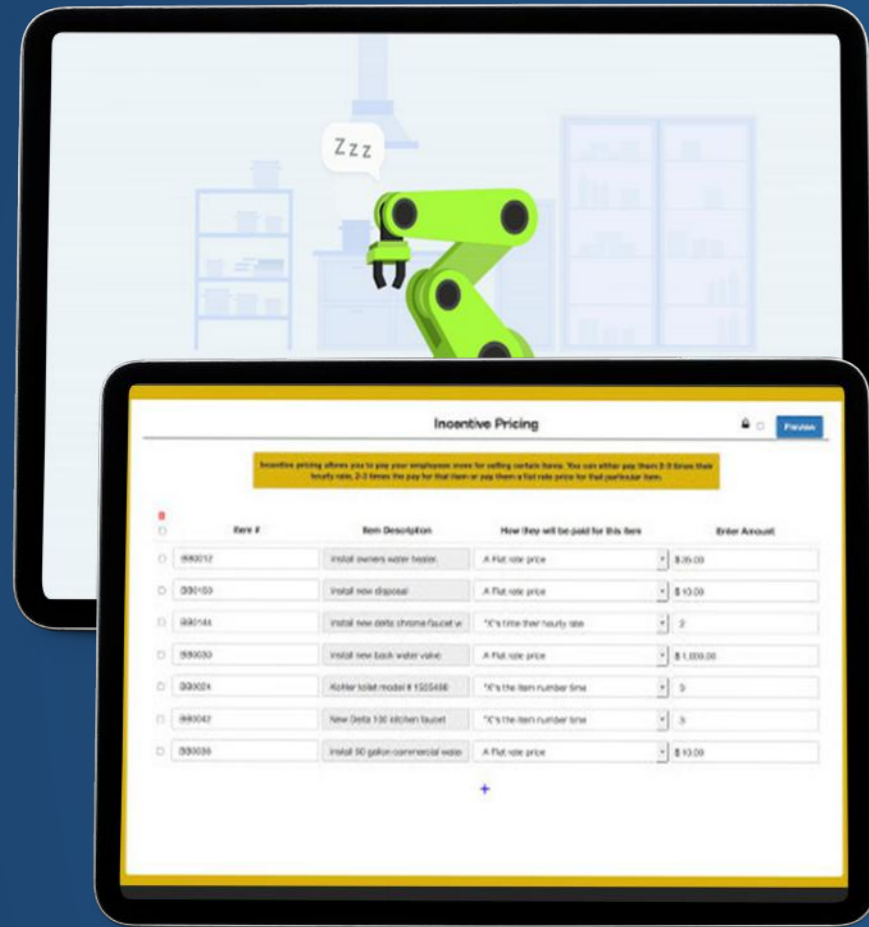
THE LIST OF ADDITIONAL REQUIREMENTS INCLUDES:

- Built-in user management system
- Robot state and actions monitoring
- Sending commands to robots
- POS systems integration
- Managing the order queue
- Error/edge cases handling

WEB | IoT

Dexai Robotics
<https://www.dexai.com>

Graphical User Interface for Robot Operation



SOLUTION

Our final solution was a progressive web application (PWA) as the main UI for kitchen staff based on our React UI application and Kitchen Coordinator server written in Python. We came up with a distributed microservice architecture with event-based communication.

OUR FINAL SOLUTION INCLUDED MULTIPLE BACKEND SERVICES:

- Service for order creation and storing them into the cloud;
- Order queue management server;
- UI for placing orders written in React JS and the cloud microservices written in Kotlin.
- Microservice for storing and managing recipes;
- Service for synchronizing data between on-premise and cloud service;

BUSINESS BENEFITS

The project was successfully completed, the user interface allows to send commands to the robot arm. The robot functionality is currently being finalized to start real-life commercial deployments.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management

TECHNOLOGIES



WEB | BEAUTY & FITNESS

GLAMZ
<https://glamz.com>

Glamz:
Platform for Beauty Professionals

BUSINESS CHALLENGE

The key challenge was to create a platform that will unite beauty professionals who are carefully selected based on real reviews and provide a wide range of beauty professionals for the platform users. Clients should have a chance to book appointments online fast and safely. Admin and Call Center should process any clients' requests and receive detailed reports about beauty professionals and clients' activity to constantly improve the platform based only on real user behavior.

The platform should have an ecommerce module with beauty professional products and up-to-date design where customer loyalty tools will be implemented.

SOLUTION

At SumatoSoft, we have developed a solution for beauty professionals that offers comprehensive service to their businesses. GLAMZ ensures a steady flow of customers and significantly strengthens the image position in the market. Management system for each beauty & wellness professional allows them to manage a set of services, a detailed schedule, the full base of all registered clients with extensive statistics data.

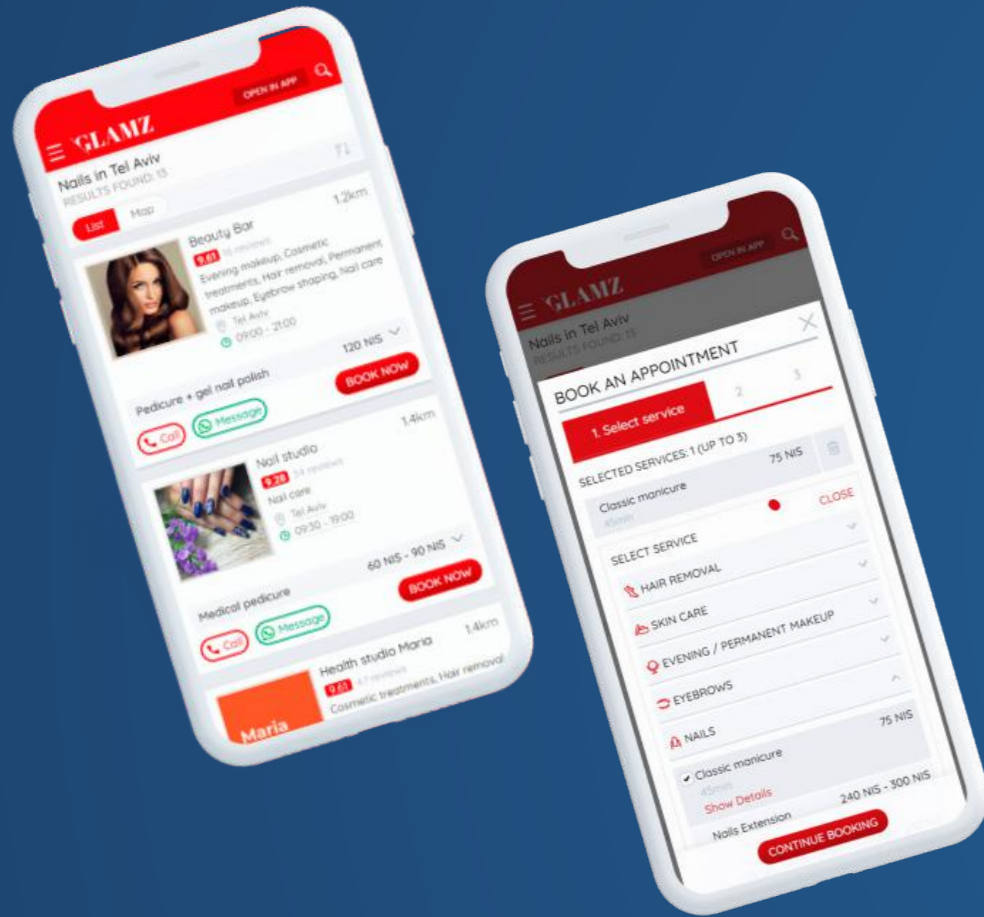
GLAMZ clients can make an appointment and write a review to support full transparency with professionals providing reliable information about their services.



WEB | BEAUTY & FITNESS


<https://glamz.com>

Glamz: Platform for Beauty Professionals



FOR BEAUTY PROFESSIONALS:

- Electronic booking system with a calendar.
- An advanced notification module with SMS and Push-notifications.
- Detailed statistics and analytics allow to track the popularity among clients across a wide range of indicators and improve them.
- Client base with convenient management with automatic client base update.
- Beauty salons may optionally apply no-show and cancellation fees.
- Data aggregation and synchronization between the Glamz platform and Google Calendar.
- Native mobile applications on iOS or Android.

FOR CLIENTS:

- Advanced search module for the best beauty professionals who are strictly selected by real checked reviews.
- Booking appointments at the click of a button.
- Notification feature that helps not to lose the important information.
- All clients, even those not registered can download native mobile applications on iOS or Android and find a relevant beauty professional using easy filters.

BUSINESS BENEFITS

Glamz platform is growing and developing rapidly and less than a year of work has reached more than 1200 verified companies that actively use the platform and 13K+ registered clients.

About 30 new clients are registered on the platform daily and 150-200 appointments are created.

More than 20K downloads of iOS and Android applications and the rapid growth of new users.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management, Support

WEB | LOGISTICS

 TL N I K A
<http://www.tlnika.lt/en>

TL Nika: Transportation Management System Development

🏆 BUSINESS CHALLENGE

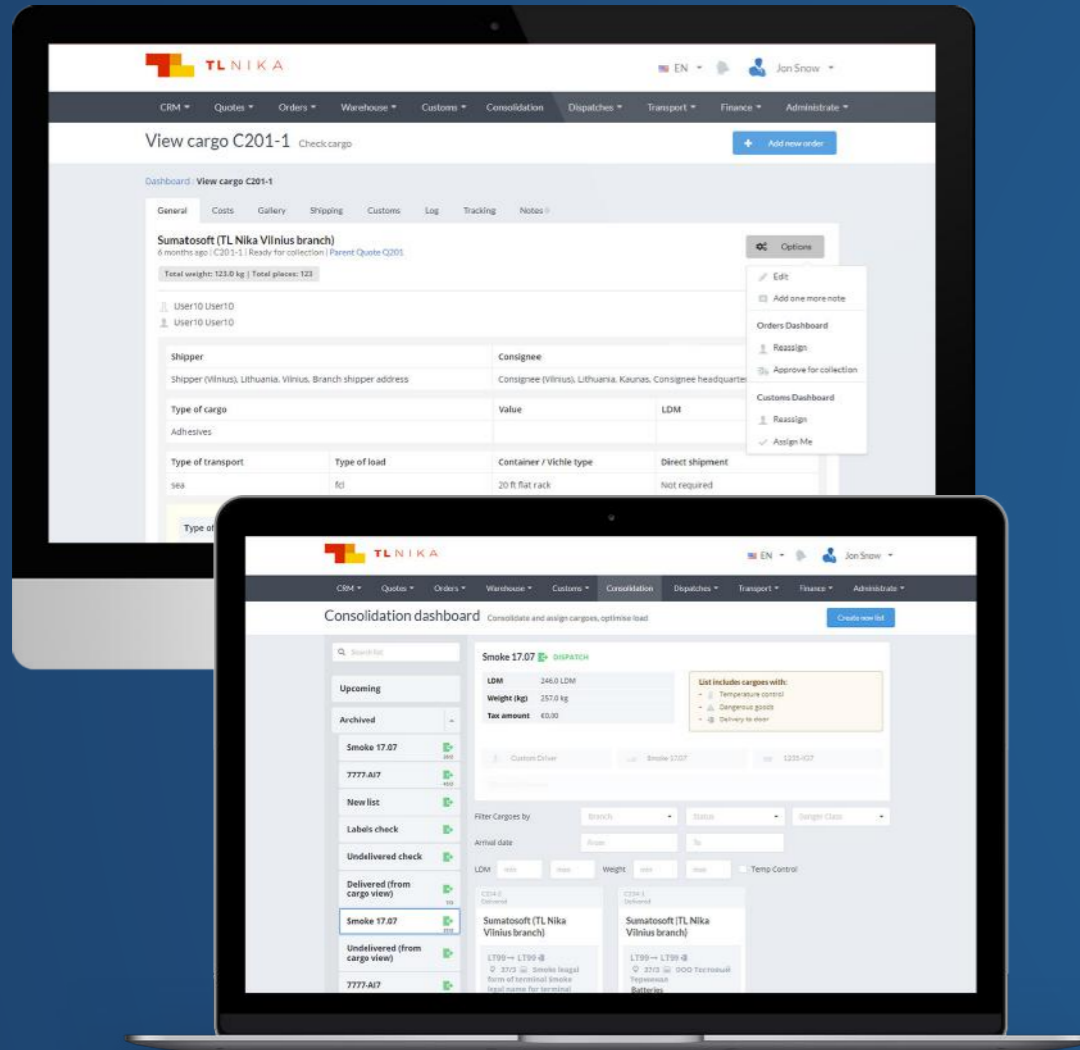
The Client needed a brand-new modern logistics management system that would meet their business needs instead of an outdated and inefficient solution the company had been using.

💡 SOLUTION

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 of the brand-new solution are the following:

- 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 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



WEB | LOGISTICS



TL Nika: Transportation Management System Development

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

BUSINESS BENEFITS

The new platform is one of its kind, as currently there are no software solutions on the market adequately covering logistics operation management and cargo dispatch tracking. It is modern, multifunctional and convenient for both the Client and their customers. That is why TL Nika gives a competitive edge to the Client.

The product allows tracking cargo all the way down to the destination, which enables the Company to find optimal ways to successfully overcome challenges along the cargo route and make informed business decisions.

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.

In addition, the solution's scalability, provided by SumatoSoft, is intended to allow the Customer to expand their application in the future and transform it into a robust and fully-featured SaaS solution.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management

TECHNOLOGIES



RUBY ON RAILS



Postgre SQL

NGINX



jQuery



Phusion Passenger



SendGrid

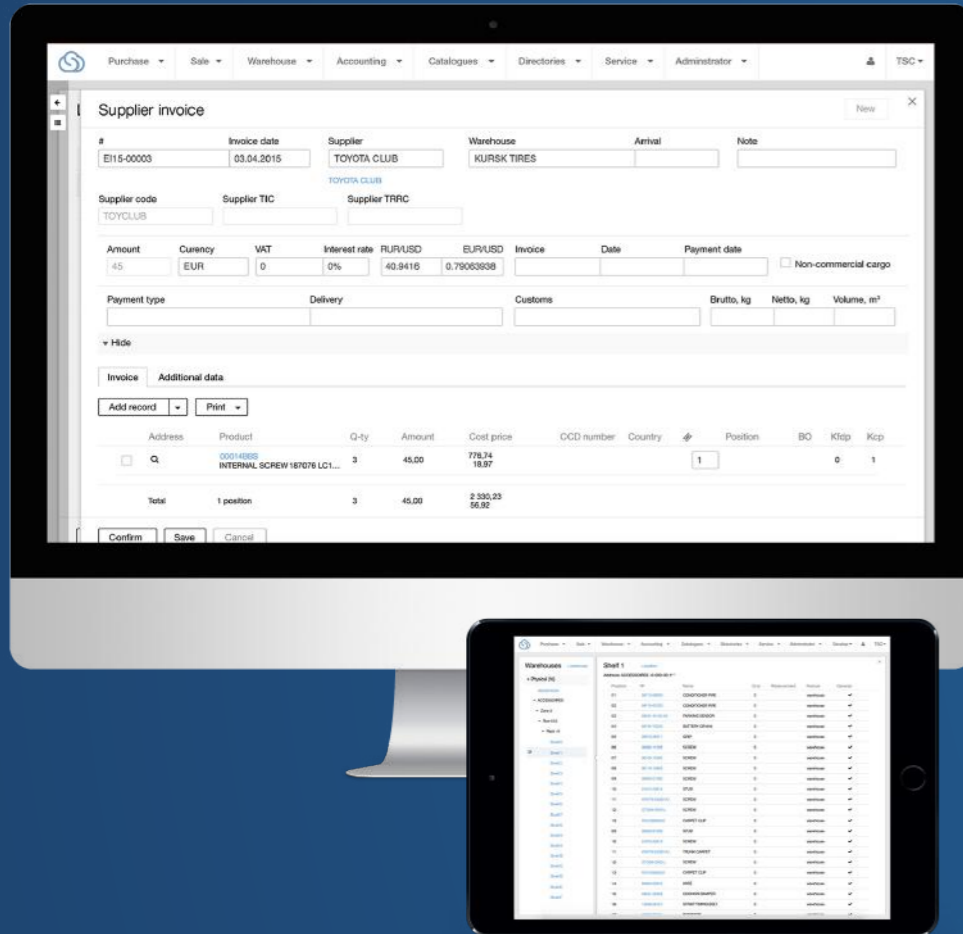
CarrierWave

Semantic UI

WEB | ENTERPRISE



Custom CRM System Development for Toyota Car Dealer



🏆 BUSINESS CHALLENGE

Scalex is a custom ERP system developed for the Business Car Group, the largest Toyota and Lexus car dealer in Russia. The old IT solutions were uncoordinated tech platforms requiring costly maintenance and support. The main project purpose was to replace those systems automating key business processes for trade and technical centers, including gross and retail sales of cars, spare parts and accessories, warehousing inventories and cars service maintenance with a solution that, as a minimum, would replace existing functionality.

BUSINESS AIMS:

- To optimize business processes of the company and its infrastructure;
- To support the Toyota Service Marketing (TSM) methodology;
- To decrease costs and time spent on modifications to the system and its adaption to the changing business processes;
- To maintain work of local representative offices within a global information structure.

As some part of the client's business had been automated, there was a need to integrate new solutions with the ones in use and eventually replace them with new systems.

💡 SOLUTION

To hasten the system development and its implementation, and to reduce the time between first release and receiving feedback from real users, we chose Ruby On Rails and the Scrum methodology to use.

At first, we developed the most popular module — CRM. The module includes virtual desktops for each employee role interacting with the dealer's clients. The desktop includes a set of tasks concerning customer support. CRM module has been successfully introduced in 20 centers around the country.

WEB | ENTERPRISE



Custom CRM System Development for Toyota Car Dealer

When looking for a strategic IT-partner for the development of a corporate ERP solution, we chose SumatoSoft. The company proved itself a reliable provider of IT services.

We are pleased to mention that the work is done to the full extent, on time and on a high quality level. It complies with the requirements due to the highly skilled project team of our chosen partner.

We recommend SumatoSoft as a reliable partner in the sphere of development and implementation of complex business solutions.



Yuriy Semenchuk | General Director

CRM MODULE FEATURES:

- “Service”, “Spares”, and “Accounting” modules for services and documents circulation automation;
- Navigation without browser pages reload;
- Flexible security system, which allows adding and editing access rights of the users;
- Interface for interaction with previous systems used by the client.

BUSINESS BENEFITS

- Automated car sales and service;
- Reduced operating costs for maintenance of IT infrastructure;
- Accelerated sales cycle;
- Improved customer retention rates.

SERVICES

Development, Quality Assurance

TECHNOLOGIES

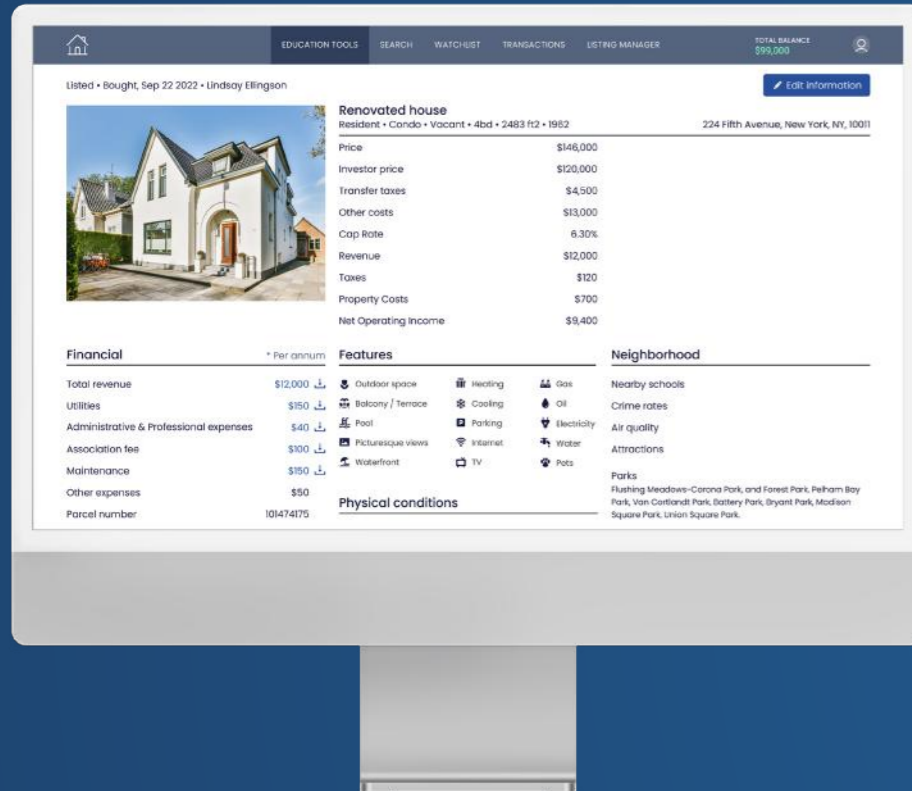


WEB | REAL ESTATE

SimKey

<https://simkey.com>

Platform facilitates a simplified real-time, real estate transaction direct between Buyer & Seller via an “all-cash transaction.”


 BUSINESS CHALLENGE

Sumatosoft had several objectives to achieve:

- 1) To make an MVP that can execute a real estate transaction from beginning to end.
- 2) The transaction should go with all necessary documents and deliver the investor a 100% ownership interest in real property.
- 3) To increase investors' transparency in the real estate purchase process.
- 4) Integrating the platform with a safe and trustworthy third-party payment provider allows users to open an account, deposit, transfer, and withdraw funds.
- 5) To conduct the KYC (Know Your Customers) process.

 SOLUTION

Sumatosoft built a platform that directly facilitates a simplified real-time real estate transaction between Buyer & Seller via an “all-cash transaction.” Professional investors will find the Simkey platform especially helpful and convenient.

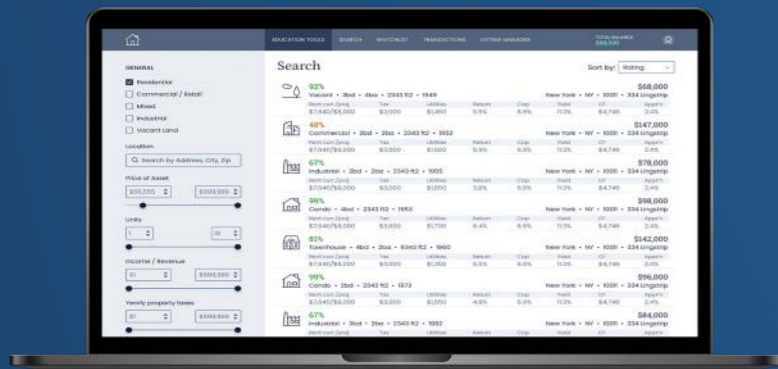
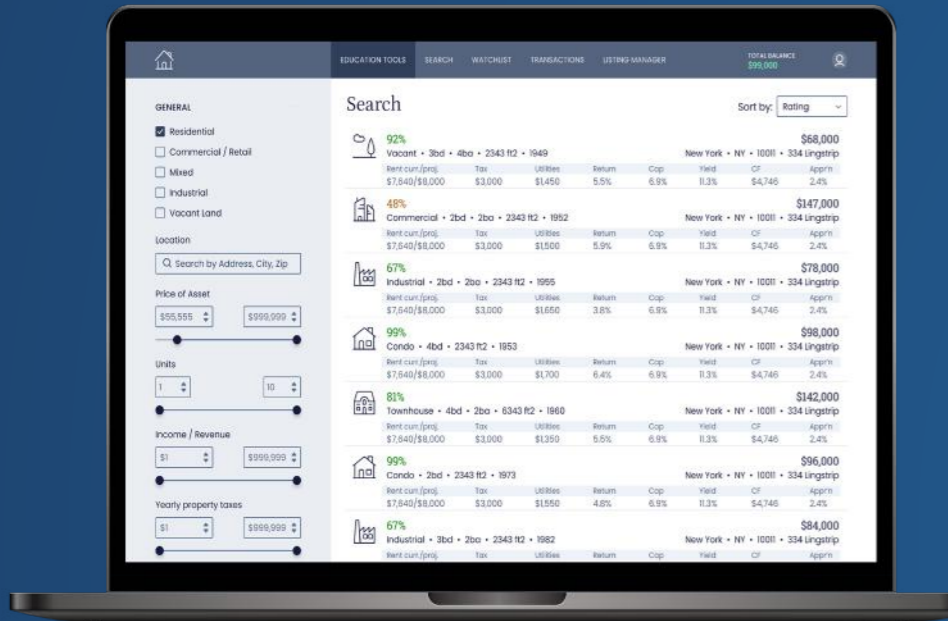
Project special features:

- Integration with Primetrust that allows users to:
 1. open bank accounts (individual and company accounts) after AML/KYC check
 2. deposit funds
 3. withdraw money
 4. buy property via wire transfers

WEB | REAL ESTATE

SimKey
<https://simkey.com>

Platform facilitates a simplified real-time, real estate transaction direct between Buyer & Seller via an “all-cash transaction.”



- 3 types of users: title agencies, real estate buyers, and sellers.
- Two-way synchronization of funds transfers between Primetrust account and account on Simkey platform. Always up-to-date account balance.
- The detailed history of transactions.
- Two-Factor Authentication when authorizing into the system.
- Verification of newly added real estate.
- Two-level of tax and closing costs calculation: the first after the property creation, the second after the investor’s confirmation to buy the property.
- The system can generate the real estate purchase agreement that is automatically filled in based on the information about property provided by investors.
- Admin panel to moderate all users and transactions

■ RESULTS

The client got the MVP of the platform that provides all necessary functionality so the real estate investors can use it for their professional activity. Then based on feedback from investors, the development team and the client prioritized and added features for the second development phase.

⚙️ SERVICES

Business Analysis, Project Management, Design, Development, Quality Assurance

🖥️ TECHNOLOGIES



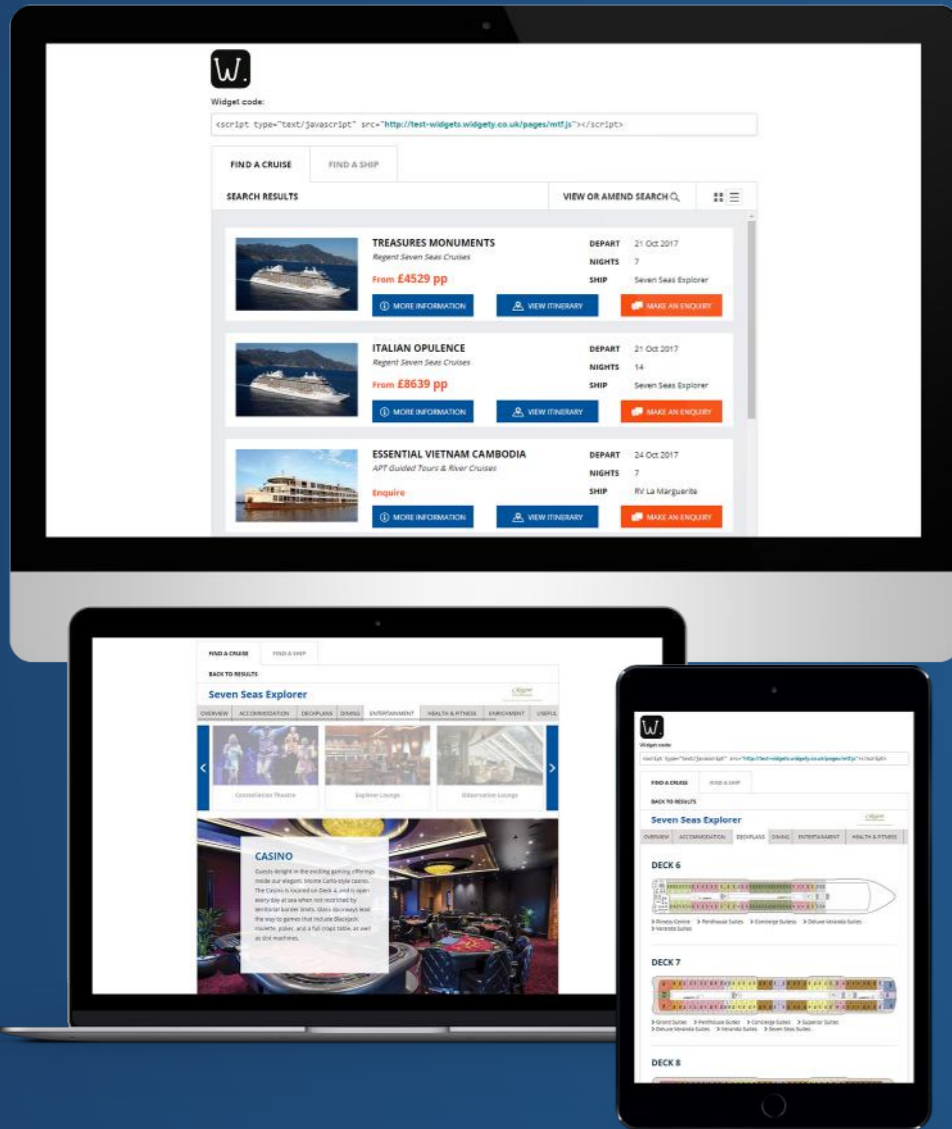
WEB | TOURISM

Widgety.

<http://www.widgety.org>

Widgety:

Content Library for Tourism, Cruise and Travel



 BUSINESS CHALLENGE

The Client wanted to gather data on various cruises, cruising ships, and tourist events in one place. These data had to be delivered via an API. Moreover, it was needed to integrate and upgrade a special widget constructor which allowed travel vendors to submit the info on cruises using a widget - a crucial feature for those who would like to integrate their website with Widgety service instead of building a custom one.

We needed to optimize the solution performance making it stable for use and implement new core features to extend the solution's functionality.

 SOLUTION

Following the Kanban methodology, we optimized and upgraded the solution performance making it stable for use. Now the solution is easily scalable for future changes.

DISTINCTIVE FEATURES

- Widget constructor allowing vendors to submit the info on cruises in no time via widget;
- REST API which allows developers to use the data taken from Widgety on third party websites;
- Performance optimization;
- Additional data sources integration taken from third-party websites.

 BUSINESS BENEFITS

As a result of our work, the Client was able to expand the feature list of the application. The implementation of the widget constructor helped to attract new vendors and provide more options for customers. Our custom solution made possible to increase the flexibility of the system which can be easily upgraded according to the future business requirements.

 SERVICES

Development, Quality Assurance, Project Management

 TECHNOLOGIES



SumatoSoft's engineers help the company maintain and enhance a digital distribution platform that lets its paying users create and access original content. SumatoSoft brings uncompromising responsiveness and transparency to the table.



Damian Gevertz | Founder and CEO

WEB | BEAUTY

Data Parsing Application

🏆 BUSINESS CHALLENGE

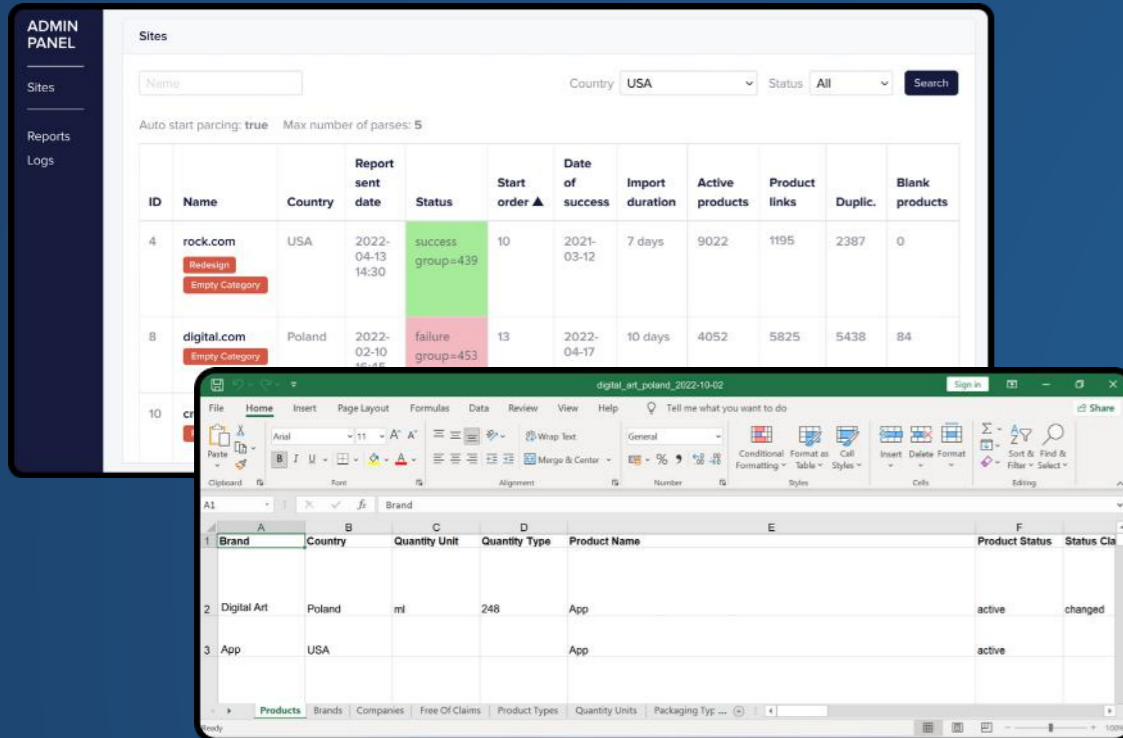
The client gathered information about the ingredients in the competitor products by manually visiting websites and collecting the data. After a while, they decided to find a reliable software development partner that could automate this process.

- To automate the process of gathering information on market products from various websites
- To gather valuable information of different types from given websites
- The information should be updated monthly
- The high quality of collected data must be provided. The quality matters more than the number of scanned product pages.
- To have an overview of all competitors and their products in one place
- To compare the client's products with similar competitors' products

💡 SOLUTION

We developed a simple parsing system deployed on one server. The parser system extracts the data on over 200 thousand products and their categories from 20+ websites, processes it, and generates reports based on the processed data. The parsing system features a unique parser adopted to the layouts of each of the 20+ websites. The reports are generated following the client's patterns, and the system parses information once a month during the so-called "parsing round," which lasts for one week.

All the information is available in a simple and convenient admin panel that displays parsed websites, statistics from the last parsing round, and where the client can download any reports from previous parsing rounds. The admin panel also allows us to track the status of parsers, see errors that can interrupt the parsers, and monitor the data quality.



WEB | BEAUTY

Data Parsing Application

BUSINESS BENEFITS

Time necessary to gather information - from several days to 0 minutes 0 seconds.

Our solution helped the customer to dramatically reduce the time needed to gather information on market products. The parsing system makes the process of extracting data from websites more automatic and provides more information on products. Analyzing the information on competitors and their products results in improving the client's products.

The parsing system works and extracts the information from websites monthly, providing up-to-date meaningful information to the client. We maintain all parsers, monitor their status, and adopt them in cases of layout changes.

SERVICES

Project Management, Development, Quality Assurance

TECHNOLOGIES



RUBY ON RAILS



Postgre SQL Capybara



WEB | MOBILE

Question-and-Answer Service

🏆 BUSINESS CHALLENGE

We needed to develop a social mobile application for direct correspondence between YouTube bloggers and their audience for a small donation. Direct correspondence implies an option for users to ask direct questions to registered in the app bloggers and receive a direct response. Bloggers can attract the audience to the app by placing a link to their app profiles on their YouTube channels.

OBJECTIVES:

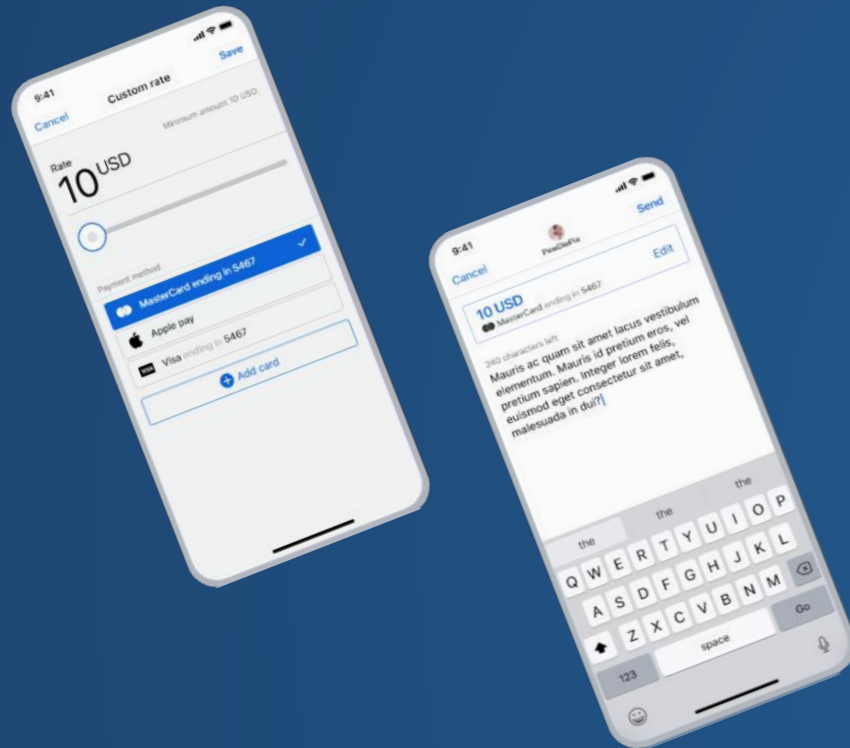
- Fast MVP launching: The first version should be done as quickly as possible with minimum effort, but without losing quality.
- Bright design: Uncluttered and clean interface. The color palette should not distract users from focusing on the content.
- Hassle-free payments: It should be easy for users to deposit money into an account and withdraw it.
- Cross-platform: UI style should fit well both on iOS and Android platforms.
- Flexibility: Visual changes in the app should be easy to make.

💡 SOLUTION

We developed a cross-platform mobile application based on React Native framework with minimalistic but not faceless UI that is featured with a lot of micro-interaction. At the heart of the app is a question/answer game mechanic.

We decided to abandon a standard display of questions as a list and bring more engagement to the app. So we developed an interface with cards that contain questions, allowing YouTube bloggers to interact with them by swiping cards left and right instead of scrolling a list of questions.

Thanks to the React Native framework, the client gets a native application with full control of its style for both platforms: there is no need to maintain iOS and Android app versions separately.



WEB | MOBILE

Question-and-Answer Service

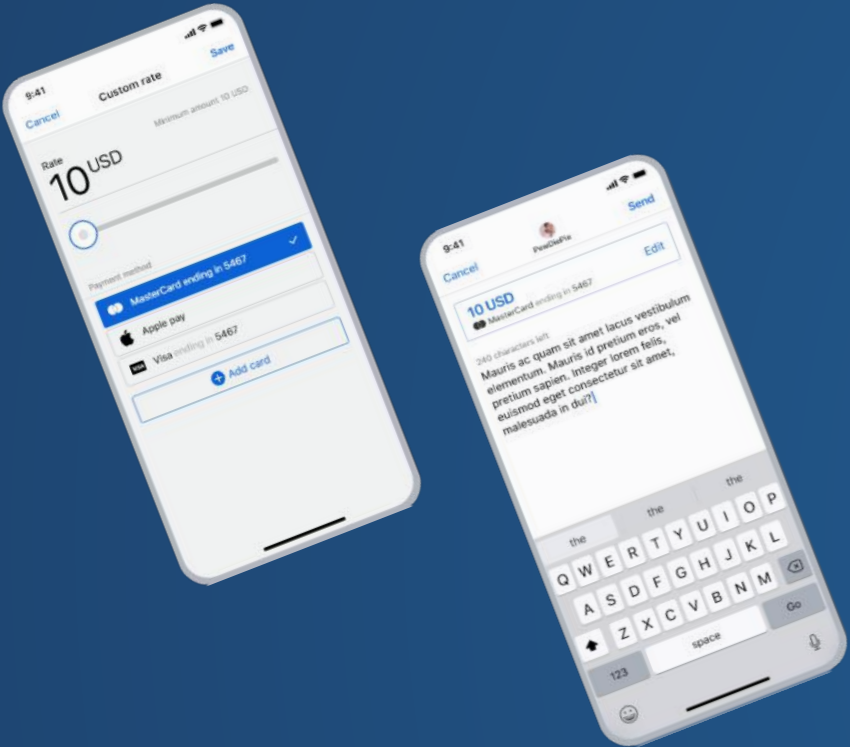
BUSINESS BENEFITS

The result is a minimalistic but not faceless user interface with a lot of micro-interactions (for user engagement) in the right places. The client can easily update the app style with no need to update the iOS and Android stylesheet separately. The choice of React Native framework and thought-out interactive prototype saved a lot of development time and project budget, which is very valuable for startups.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management, Support

TECHNOLOGIES



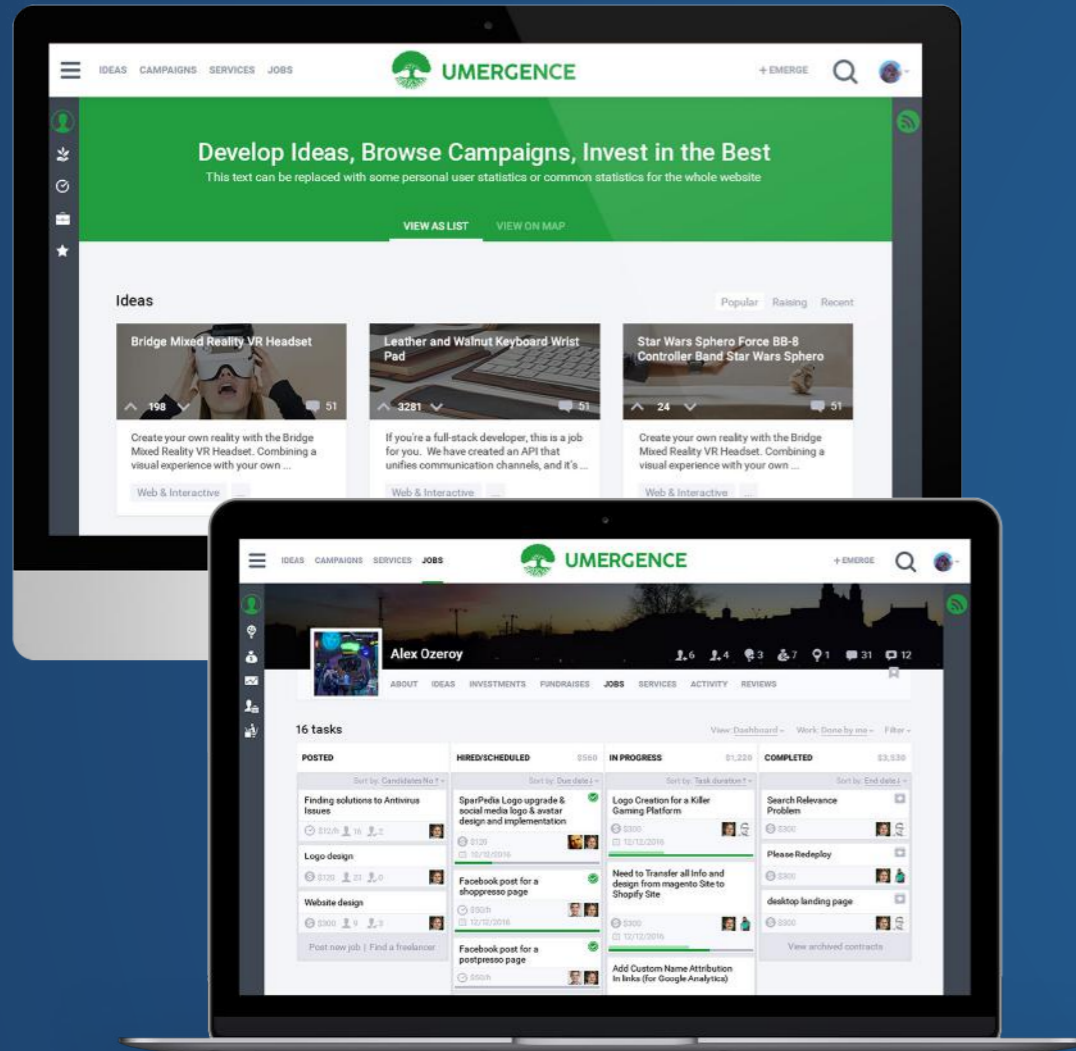
WEB | FINANCE



UMERGENCE

<https://umergence.ventures>

Umergence: Connecting Ideas, Capital, and Labor



🏆 BUSINESS CHALLENGE

Umergence is a unique platform that connects people with ideas to people with skills and capital. The platform should have a key feature - to allow entrepreneurs to involve or hire other platform members to speed up the development of ideas or campaigns. So, the platform should combine features of both crowdfunding, project management and hiring services.

🎯 OBJECTIVES

- Develop a web application which works with various investment flows;
- Integration with Edgar and Fund America;
- Create the design that allows users to easily understand and follow the flow from publishing an idea to fundraising and project management;
- Implement escrow functionality for hiring module.

💡 SOLUTION

SumatoSoft planned, designed and developed a complex web-based application which includes the following big functional modules:

- Startup Ideas creation and development
- Fundraising campaigns creation, verification, publishing and raising capital
- Investment types management
- Freelancer jobs posting/application
- Hiring and managing people for the project.

WEB | FINANCE



Umergence: Connecting Ideas, Capital, and Labor

Sumatosoft is great in every regard including costs, professionalism, transparency, and willingness to guide. I think they were great advisors early on when we weren't ready with a fully fleshed idea that could go to market. They know the business and startup scene as well globally.

They did a great job hitting cost estimates and are a bargain for quality. They also helped our business concept greatly. We are confident in our plan and future in the hands of SumatoSoft.



David Logan | CoFounder

SPECIFIC FEATURES:

- Creating campaigns and collecting money in an escrow-like way (Stripe);
- Selling shares in an escrow-like way (Fund America);
- Filling in and building XML files for EDGAR forms;
- Online chatting (without page reloading);
- Feed panel (without page reloading);
- Files encryption;
- Publishing vacancies (both on Fixed price/Time material models) and searching for freelancers;
- Kanban-like dashboard for employers and freelancers to control all the work;
- Sprints functionality for Hourly rate vacancies;

 **BUSINESS BENEFITS**

During the project our clients found out and understood the possible business flows in crowdfunding in a more clear way, and we found the way the crowdfunding activities as simple as possible for the startupers while they follow all strict recommendations and regulations of US financial institutions. Besides, users will get a unified platform for their startup project development — all in one place — from idea verification through its development and fundraising.

 **SERVICES**

Business Analysis, Design, Development, Quality Assurance, Project Management, Support

 **TECHNOLOGIES**



WEB

Smart Integration

Hotel Management
System **BUSINESS CHALLENGE**

The client owns several hotels and decided to develop a hotel management system that simplifies the interaction between hotel visitors and staff with simple and intuitive control. The management system should help to improve the quality of

 **SOLUTION**

SumatoSoft team helped to plan, design and develop a solution with the following features:

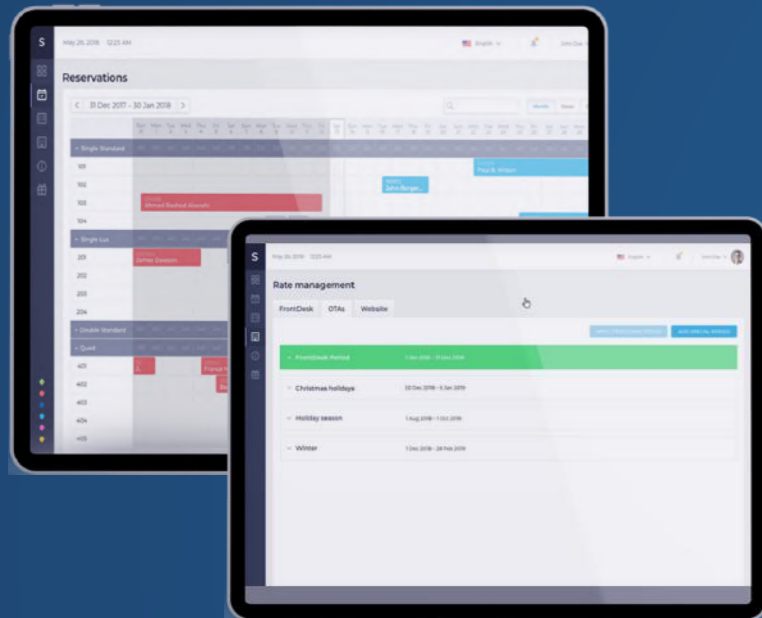
- Easy to use FrontDesk screen (room-date matrix) with drag and drop and custom search;
- Offline mode to view FrontDesk and reservations details;
- Localization for English and Arabic.
- Smart integration solutions
- Automatic Night audit process with scheduled calculations and statuses updates
- Email and SMS integrations
- Smart integration solutions
- Rates and rooms management
- Full reservation management process: guest data, invoice, registration card, sending emails and SMSs



WEB

Smart Integration

Hotel Management System



BUSINESS BENEFITS

SumatoSoft has developed an MVP version of the SaaS project. This platform has been successfully integrated into the customer’s internal network and is being tested at several hotels of the customer and his partners.

All the features have greatly simplified the room reservation, improve the work of staff and quality of service. This also affects the level of hotel guests’ satisfaction and saves money for the business.

SERVICES

Business Analysis, Design, Development, QA and Testing, Project Management

TECHNOLOGIES



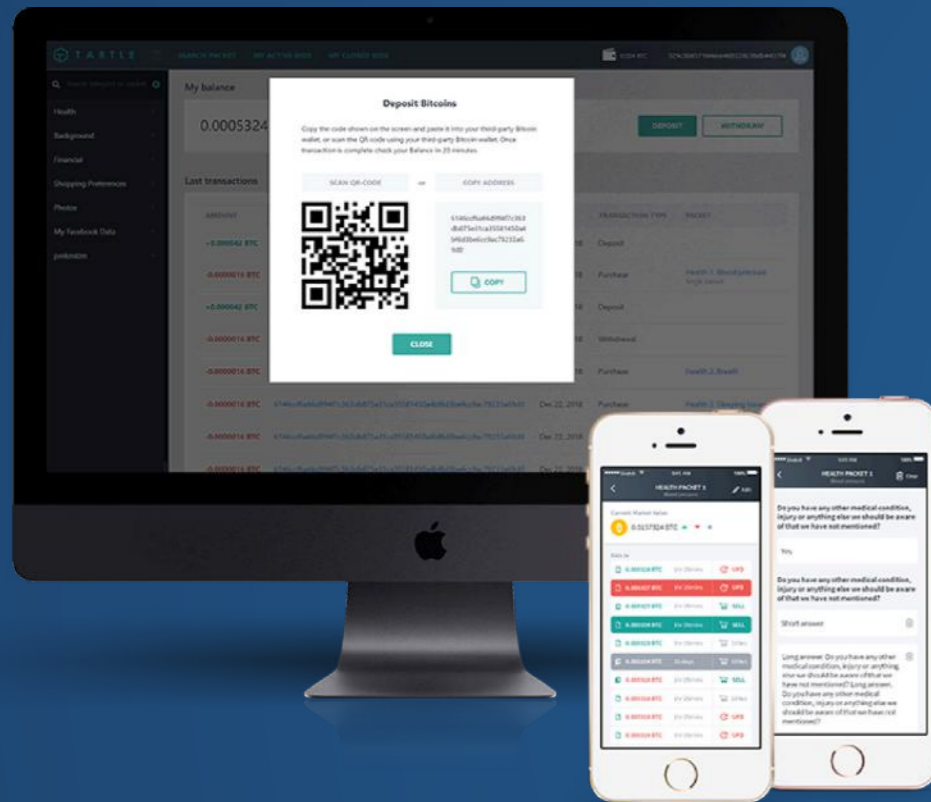
WEB

Tartle

<https://tartle.co>

Big Data

Trading Platform



🏆 BUSINESS CHALLENGE

The Client turned to SumatoSoft and requested to create a marketplace for people and organizations with a blockchain-based identity for selling and buying big data without any third-party involvement.

💡 SOLUTION

With a strong emphasis on meeting the Client's business needs, requirements, and objectives, SumatoSoft built a unique product that consists of a web platform and an iOS mobile application.

Users can remain anonymous, protect their privacy, encrypt and categorize information, and based on bids select the best price to sell and buy data.

💡 DISTINCTIVE FEATURES

- Bitcoin wallets as a way to make and receive payments on the platform. The wallets are stored on a secure server, backed by a full bitcoin node
- A web platform for big data buyers with Wallet Module, data packets, and Bidding Module; interactive statistics on data packets relevance;
- iOS application for big data providers of private digital identity with Wallet Module, Data Management, and Sales Module;
- Administrative Interface with a tool for user management, entity management, bids statistics, users suggestions

WEB

Tartle
<https://tartle.co>

**Big Data
Trading Platform**

The system has produced a significant competitive advantage in the industry thanks to SumatoSoft’s well-thought opinions. They shouldered the burden of constantly updating a project management tool with a high level of detail and were committed to producing the best possible solution.



Alexander McCaig | Co-Founder & CEO

 **BUSINESS BENEFITS**

Tartle is a comprehensive web and mobile platform for trading big data, designed for people and organizations that prefer to stay anonymous. This global exchange platform allows users across the globe to anonymously and securely purchase and sell big data at the best prices.

The minimum viable product was successfully presented to investors and approved by them. As a result, the project got a significant investment.

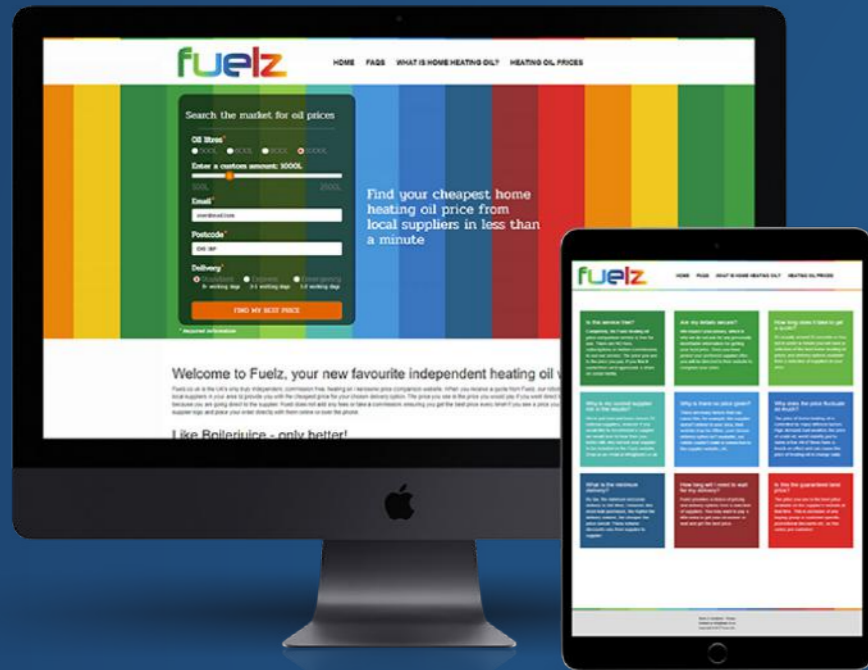
 **SERVICES**

Business Analysis, Design, Development, QA and Testing, Support

 **TECHNOLOGIES**



WEB



Fuelz
<https://fuelz.co.uk> | **Aggregator Web Platform**

 **BUSINESS CHALLENGE**

The Client (a UK-based company) turned to SumatoSoft and requested to create an independent platform where both organizations and people would be able to find heating oil in various amounts at the best price and order delivery.

The major challenge for the SumatoSoft team was to build a comprehensive web platform with a price

 **SOLUTION**

The Solution is a platform aggregating prices from heating oil suppliers in the UK. The Platform's users can get a quote and see the heating oil prices from the websites of British suppliers of heating oil.

In addition, SumatoSoft Team developed an administrative module where various statistical data are available for the Platform's administrators.

 **BUSINESS BENEFITS**

Web Platform is a unique service on the British market that enables UK-based users to find and purchase

 **SERVICES**

Business Analysis, Design, Development, QA and Testing, Support

 **TECHNOLOGIES**



IOT | CONSUMER SERVICES

Fridge Sensors: Internet of Things Application Development

🏆 BUSINESS CHALLENGE

Fridge Sensors is an Internet of Things solution providing restaurants and pubs owners a possibility to monitor fridges work online, get alerts on urgent issues and manage historical data.

When the client contacted SumatoSoft, the company had a few goals to reach:

- to plan, design and develop an MVP (minimal viable product) prototype of the solution to demonstrate the idea to potential clients and investors;
- to integrate the application planned into the ecosystem of the client's existing solutions.

The client had already the devices developed and tested. SumatoSoft main task was to develop administration and end user panels, implement core features for monitoring and data visualization (temperature, electricity, door sensor), and provide integration with the data source.

💡 SOLUTION

SumatoSoft gathered a highly professional team and introduced the following technological features:

- Data gathering and systematization;
- A web panel for the service administrators;
- A web panel for the end users.

SPECIFIC FEATURES:

- Roles management system with an extended permissions management;
- External data source integration (Firebase);
- JS library integration for data visualization.
- The overall system performance was optimized to support up to 500 fridges on 1 account.

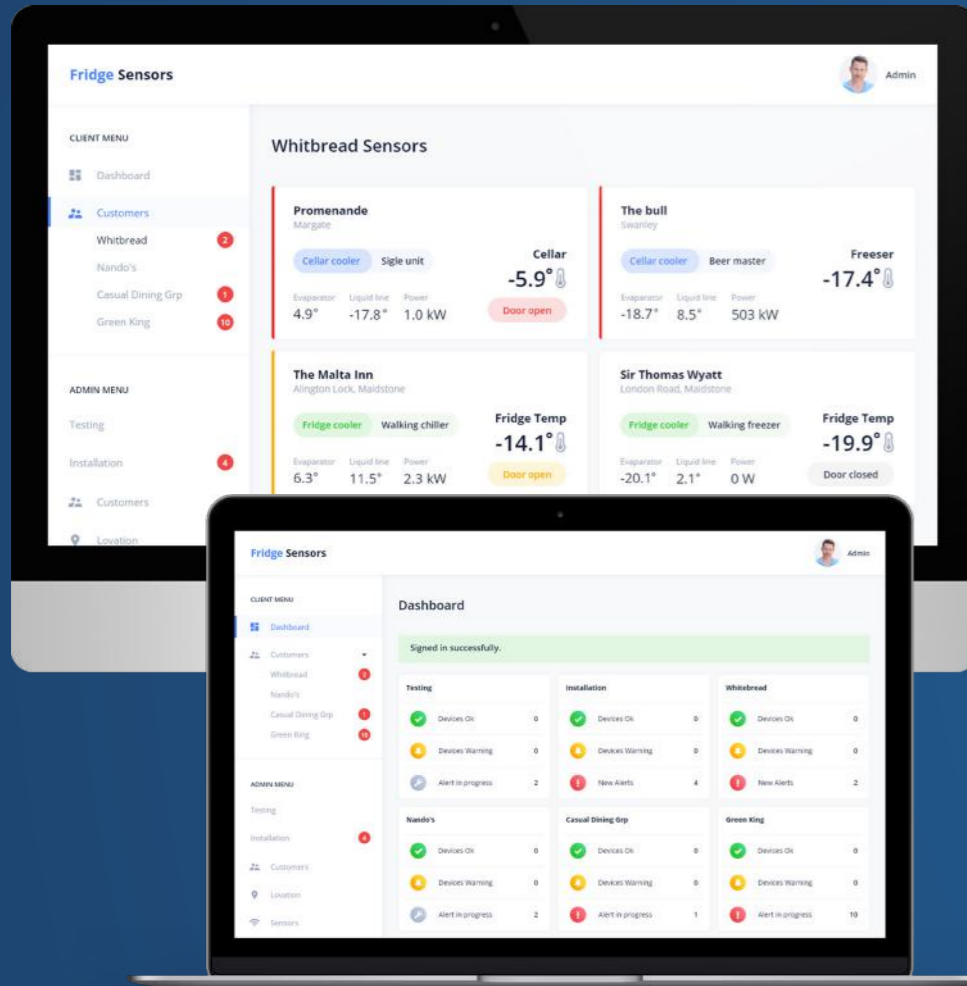
📈 BUSINESS BENEFITS

The client was able to present the solution to potential clients, test the business idea and receive a positive feedback which allowed them to move forward with the project development. The client has already received several orders from the major clients using its other solutions.

⚙️ SERVICES

Development, Quality Assurance, Project Management

💻 TECHNOLOGIES

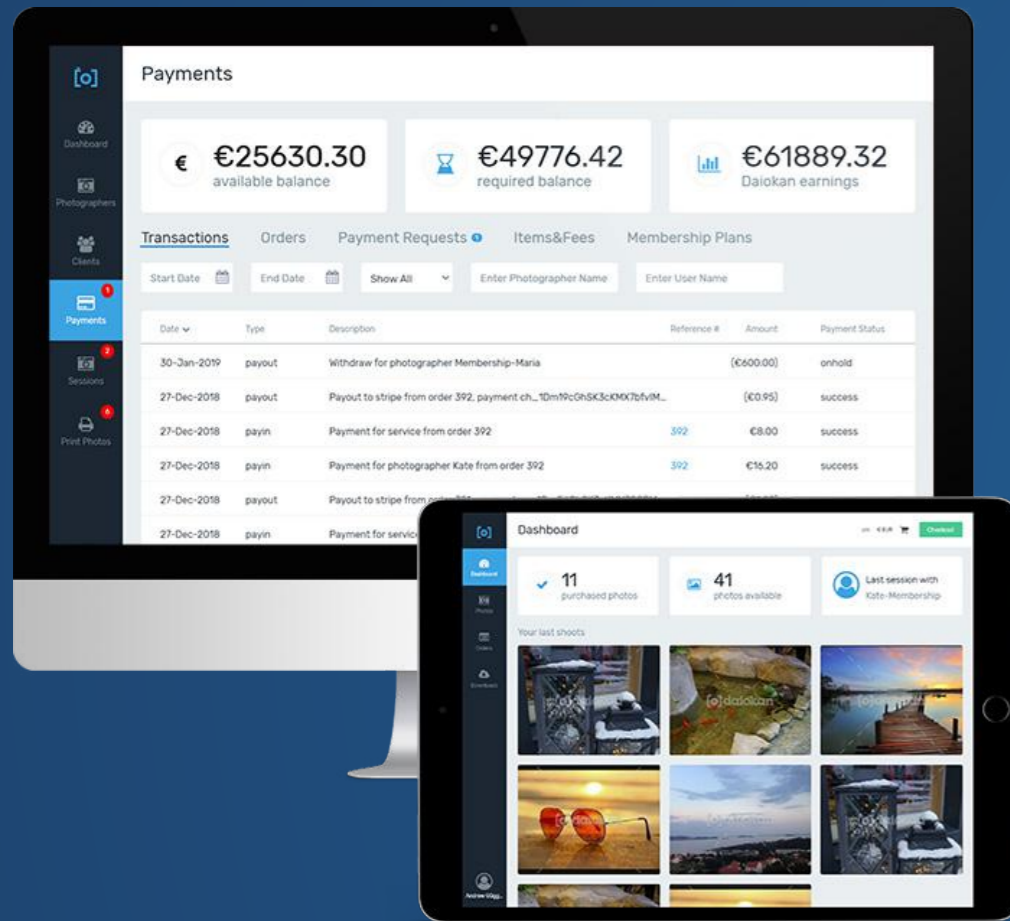


WEB | ENTERTAINMENT

dai[o]kan

<https://www.daiokan.com>

Daiokan: Web Platform for PhotoShoot Organization



🏆 BUSINESS CHALLENGE

The Client was looking for a web development company to build an online platform for photographers where they would be able to reach customers, exhibit and sell their works.

At the same time, the platform was conceived as a place where common people would be able to read feedback and recommendations, schedule a photoshoot and hire a photographer for any occasion. In addition, the platform was supposed to be enhanced with functionality enabling customers to order pictures in various formats.

💡 SOLUTION

With strong attention to detail, SumatoSoft embodied the idea of the Client and developed a comprehensive web platform for photographers and photography-lovers enhanced with a number of features.

Key features implemented by SumatoSoft are the following:

- Integration of an external platform to attract photographers who can utilize the service for free for one month and after that choose an appropriate subscription plan and take advantage of Daiokan membership.
- Integration of print-on-demand platform Kite into Daiokan. This integration enables customers to order various products with their photos made by Daiokan photographers.
- Multi-currency support: customers have a few options and can pay in EUR, USD, GBP.
- Photo printing: customers are provided with an option to print their photos received from photographers on Daiokan by making an order online.
- Bulk photo purchase option: a special offer for customers – page with a deal where they can buy a whole photoshoot at a discount. Deals are created by Daiokan administrators.
- Paid upfront sessions: the feature that allows customers who paid for photos in advance to instantly receive and download them. What is more, if customers are not satisfied with the quality of pictures, they can get a refund.

Full transparency, adherence to initial requirements, while retaining flexibility, an open dialogue and coordinated efforts laid a foundation for partnership relations between SumatoSoft and the Client.

WEB | ENTERTAINMENT



Daiokan: Web Platform for PhotoShoot Organization

Sumatosoft is the firm to work with if you want to keep up to high standards. The professional workflows they stick to result in exceptional quality. Important, they help you think with the business logic of your application and they don't blindly follow what you are saying. Which is super important. Overall, great skills, good communication, and happy with the results so far.



Domien Van Eynde | Team Lead Daiokan.com

 **BUSINESS BENEFITS**

Daiokan is a modern platform for photographers and photography-lovers that stands out on the background of similar solutions. Thus, the web application developed by SumatoSoft provides a competitive edge to the Client.

Daiokan fully meets the needs of photographers. It undertakes the whole range of marketing activities and allows photo professionals to focus their efforts on what they really love to do: taking pictures. At the same time, Daiokan is a convenient service tailored to the needs of customers who enjoy photoshoots and would like to preserve memorable moments and make personalized presents to family and friends.

Integrations with third-party solutions enhance the product and make it a multifunctional solution in the business niche.

The Client in partnership with SumatoSoft is working on constant improvement of the platform and keeps introducing new features, which facilitates the Company to offer both photographers and customers the best product on the market.

 **SERVICES**

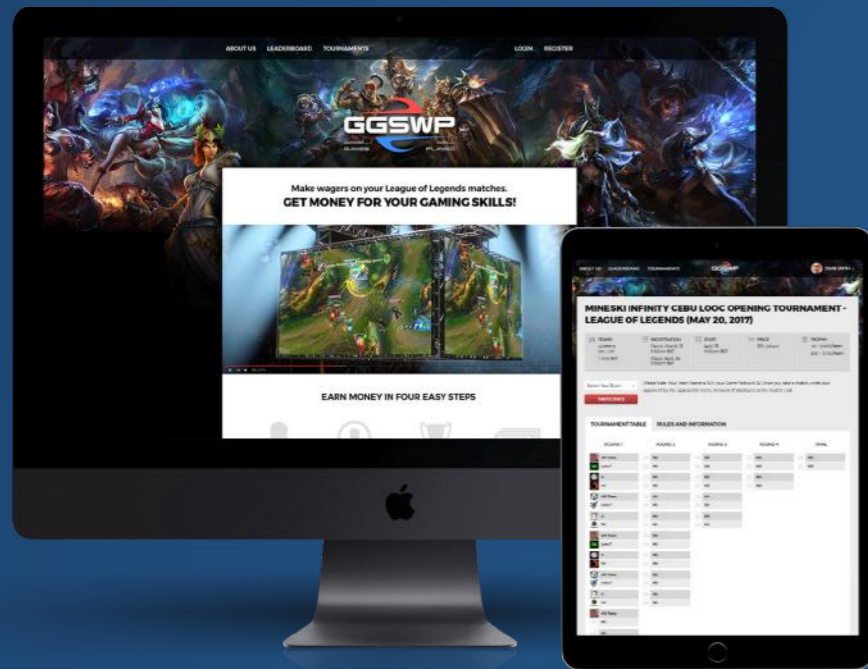
Business Analysis, Development, Quality Assurance, Project Management

 **TECHNOLOGIES**



WEB

GGSWP | Web Platform for Online Gaming Tournaments



 **BUSINESS CHALLENGE**

The Client turned to SumatoSoft and requested to develop an online platform enabling gamers to search for and find game rivals and play for real money.

 **SOLUTION**

With an emphasis on meeting the Client’s requirements, wishes, and specific needs, SumatoSoft Team developed an online platform that consists of the following tools and modules:

- A web platform for gamers with user registration & user profile modules;
- Tool for finding game opponents;
- Panel for service administration and refereeing system;
- PayPal payment module;
- Team gaming option.

 **BUSINESS BENEFITS**

The Client successfully rolled out an MVP of a brand-new service: the online platform for video game tournaments. The platform passed the user test in a short period of time and received approval and positive feedback from multiple video game lovers across the globe.

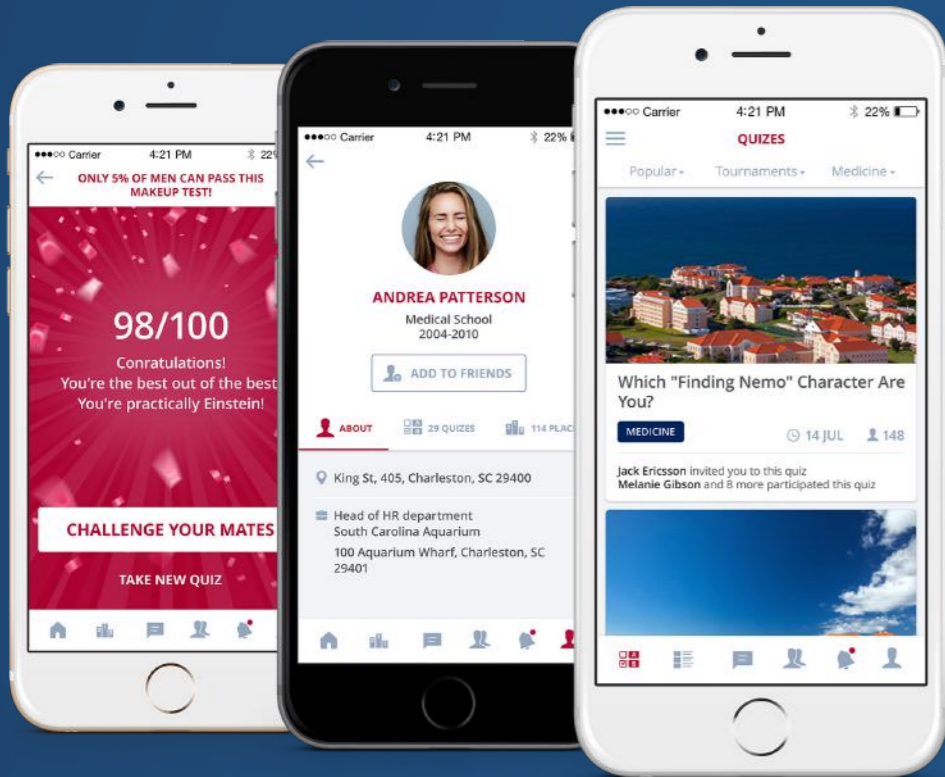
 **SERVICES**

Project Management, Business Analysis, Design, Development, QA and Testing

 **TECHNOLOGIES**



MOBILE | ENTERTAINMENT



 St. George's University
<http://www.sgu.edu>

**St. George's University:
 Social Network App for Graduates**

 **BUSINESS CHALLENGE**

St. George's University decided to develop a mobile application which aims at connecting its current and former students to build a strong student community and gather necessary information about current jobs of the users. The application has some great gamification elements (puzzles, quizzes) to attract and engage users.

- Detailed analytics and statistics for admins about users, their interactions, engagement;
- Content management system, including app content management and tournaments management.

 **SOLUTION**

After performing a business analysis phase, SumatoSoft together with St. George's University formed a vision of the future application, the list of features and its final scope of work. SumatoSoft has been engaged in design, development and testing of the application.

 **BUSINESS BENEFITS**

During the project our clients found out and understood the possible business flows in crowdfunding in a more clear way, and we found the way the crowdfunding activities as simple as possible for the startups while they follow all strict recommendations and regulations of US financial institutions. Besides, users will get a unified platform for their startup project development — all in one place — from idea verification through its development and fundraising.

The application has native version for 2 mobile OS – iOS and Android.

DISTINCTIVE FEATURES:

- Detailed personal profile of each former student which provides the necessary stats to SGU administration about career details of the graduates;
- Convenient multi user chat;
- Gamification elements including quizzes and tournaments which engage users and allow them to test the knowledge of the program;

 **SERVICES**

Business Analysis, Design, Development, Quality Assurance, Project Management

 **TECHNOLOGIES**

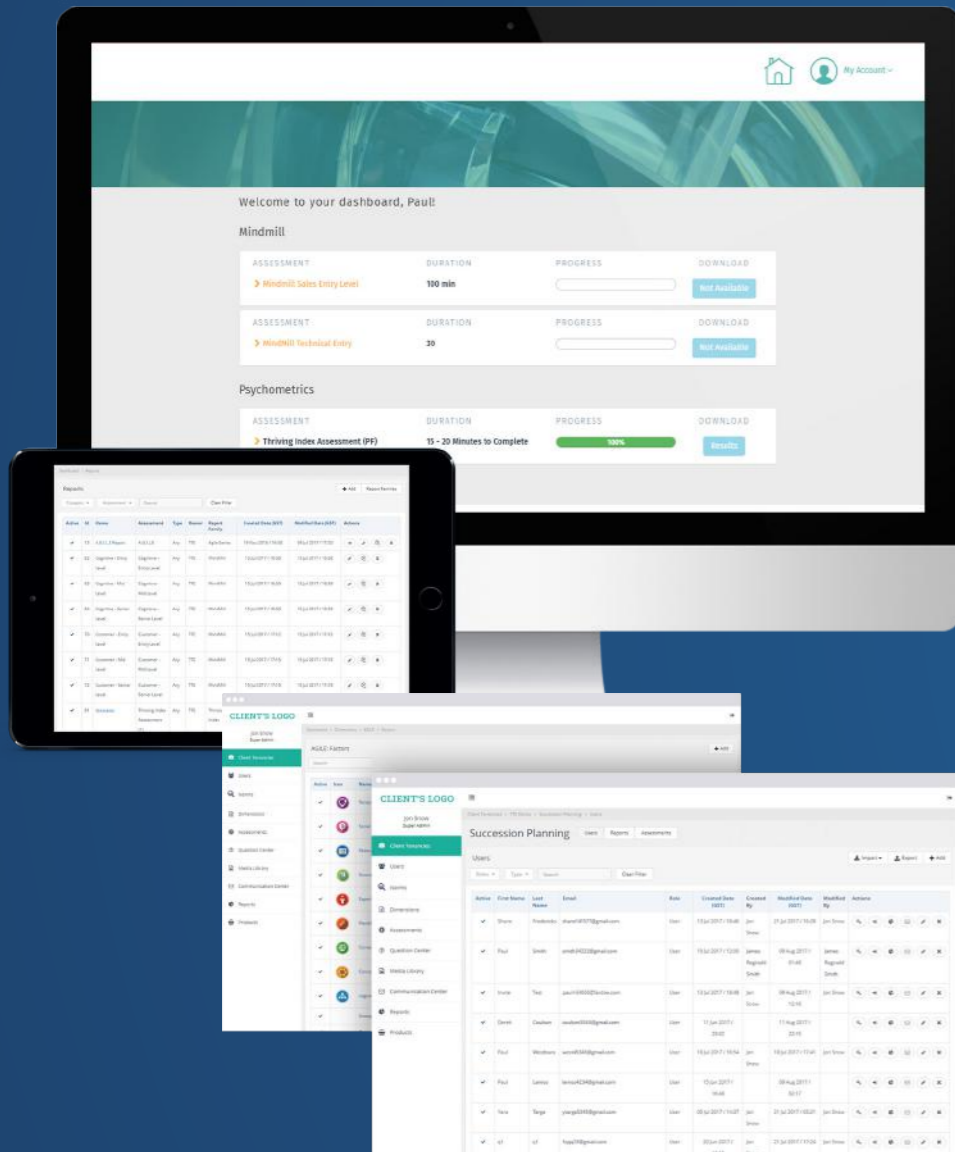


WEB | HUMAN RESOURCE MANAGEMENT



TECHNOLOGY
ENABLED LEARNING

Psychometrics 360 Assessments
Gathering Platform



 BUSINESS CHALLENGE

Psychometrics helps organizations to effectively assess, select, and develop their personnel and provide insights about behaviour, personality, cognitive ability, leadership potential, and more. One of the main business objectives of our client was to stop using external survey platforms which were not cost effective and didn't cover all business needs.

SumatoSoft tasks was to build a custom similar-to-Qualtrics online survey solution with some unique features. The new platform should automate and improve manual calculation of assessment results.

 SOLUTION

SumatoSoft together with its partner TellUs developed a custom web application supporting a unique way of results calculation and analysis. The platform allows building assessments, gathering responses, analyzing data and building reports.

The platform functionality is divided among various types of users - super admin, client admin, user. Also, the platform has an ecommerce module which is also integrated with the assessment platform.

SPECIFIC FEATURES

- Client tenancies management
- User management
- Assessment management
- Template question management
- Communication center with emails template management
- Report management
- Raw assessment results management
- Assessments and reports statistics
- Integration of an external assessment platform (MindMill)
- Client tenancy subdomains
- Ecommerce website
- Media library
- Custom mechanism of calculating results based on scores and converting them into charts

WEB | HUMAN RESOURCE MANAGEMENT



Psychometrics 360 Assessments Gathering Platform



BUSINESS BENEFITS

The platform owner received a custom solution of an online survey platform, which automated a large number of manual calculations. Thus, saved hundreds of working hours of their employees. The new platform also allowed the client to unsubscribe from multiple survey platforms and start using all-in-one solution adjusted to its business processes and meeting the business goals. The client also started selling this platform to its own clients as a product service.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management, Support

TECHNOLOGIES



WEB | ADTECH

Display Advertising: Content Ads Management Platform

🏆 BUSINESS CHALLENGE

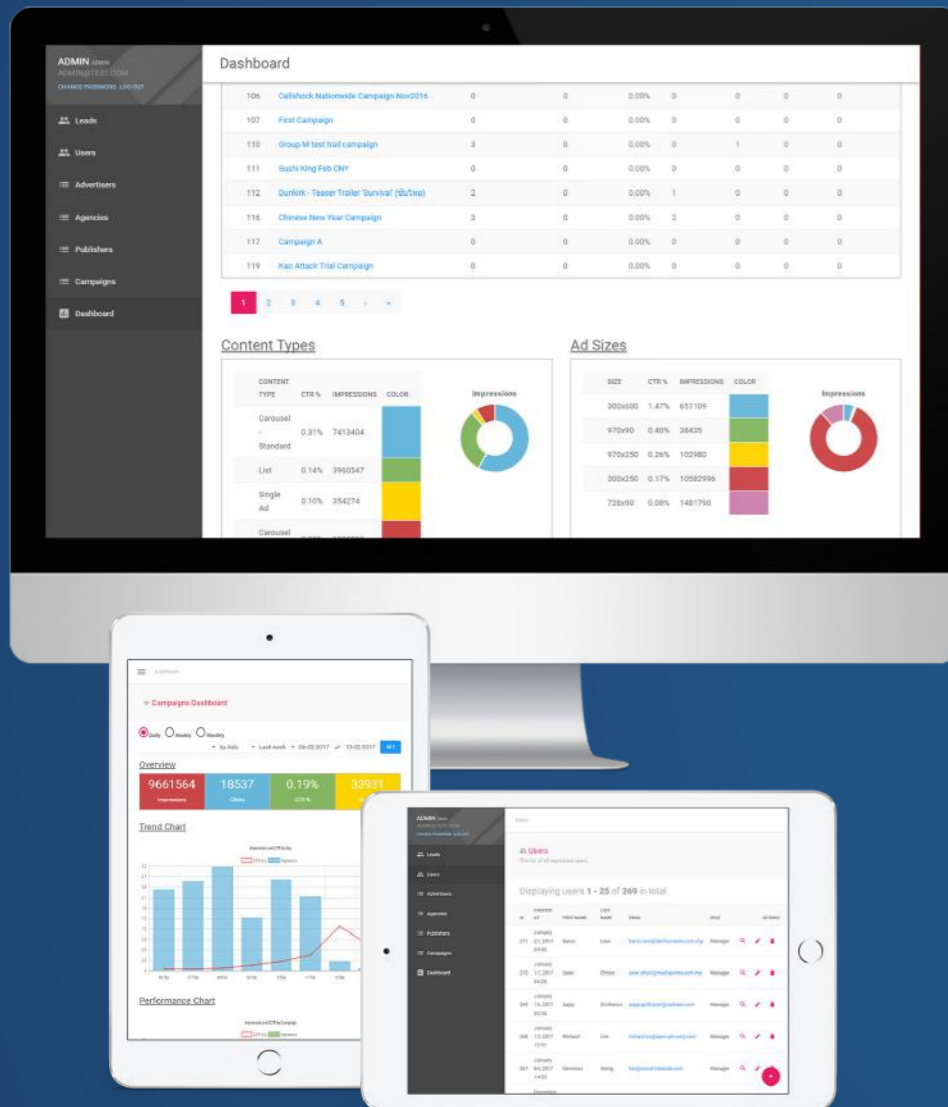
The Client wanted to build a content ads management platform for his startup. In a nutshell, the solution's key feature makes possible to create of content ads units in several minutes. The project of such level of complexity required the following tasks to complete:

- to plan and create a platform for content marketing;
- to implement custom analytics and analytics dashboard;
- to implement video ads;
- to provide machine learning optimization for ads;
- to support all major ad servers.

The frequency of each ad was planned to be displayed using the optimisation engine. This way, a higher performing ad would be displayed more frequently than a lower performing ad. The main business aim was to allow marketers, agencies and publishers to create high performing and optimised ad campaigns for their content marketing activities with no previous experience or design skills required.

💡 SOLUTION

We started the project by building a high performance database structure and distributed services architecture. Then we proceeded to the implementation of a banner tag generation for the most popular ad servers. Our team developed both custom analytics/dashboard and optimized all content ads for high CTR to make them mobile-friendly.



WEB | ADTECH

SumatoSoft delivered a viable solution in an aggressive 2-month timeframe thanks to their organized approach and technical expertise. The assigned project team was professional, communicative, and contributed proactively wherever appropriate.



Travis | Founder

Display Advertising: Content Ads Management Platform

Finally, a large variety of different ad types and sizes is supported. Now the application can be seamlessly integrated with industry leading Ad Servers and major Demand Side Platforms (DSPs).

The tool makes possible to:

- create content ad units just by adding a URL and title;
- take away the guesswork, analyze each impression and select the best ads to be served.

BUSINESS BENEFITS

To client's content, the successful launch of the platform validated the worth of the initial business idea. Thanks to SumatoSoft's expertise and skills, the platform was developed and brought to market promptly. At the present time, the solution is gaining new customers and attracting investments.

SERVICES

Business analysis, Design, Development, Quality Assurance, Project Management

TECHNOLOGIES



WEB | ADTECH



RivalFox: Marketing Tracking Tool Development

🏆 BUSINESS CHALLENGE

The initial product's development was done by the client's in-house engineers. However, the project was highly complex and required a larger experienced team. This way, the client felt the need for the additional technological expertise from SumatoSoft to master their product in full measure.

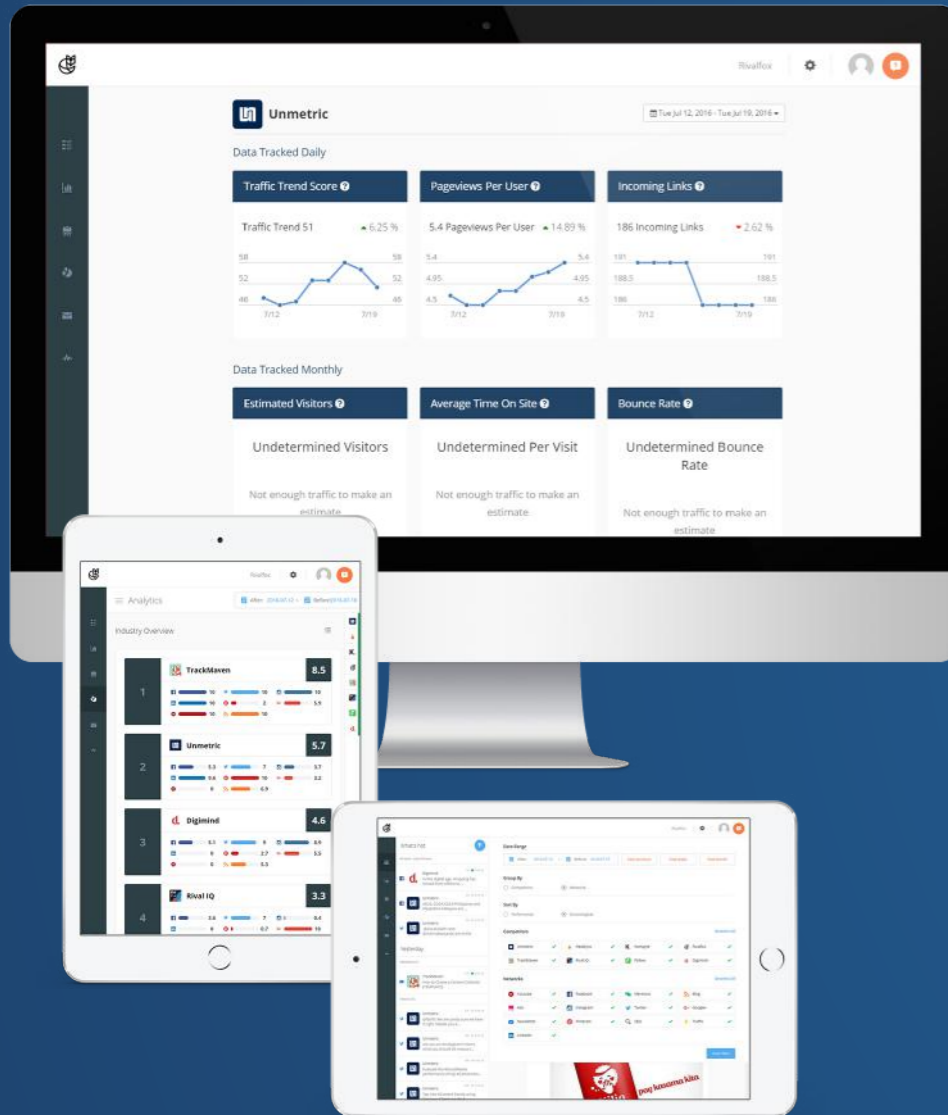
💡 SOLUTION

Following the Scrum methodology, we upgraded the application making the solution easily scalable for future changes. To improve the quality of reports, SumatoSoft's team developed the analytics system which monitors the effectiveness of customers' marketing strategy.

Finally, the system performance was optimized to increase the application's responsiveness, reduce the server load, and decrease server costs.

DISTINCTIVE FEATURES:

- Highly customizable web, csv, pptx reports;
- Analytics system based on DSL;
- Performance optimization;
- Dynamic charts for rendering analytics data;
- Online feed tracking the latest social networks' activity of customers' competitors;
- Optimized database structure.



WEB | ADTECH



RivalFox:
Marketing Tracking Tool Development

The Rivalfox had the pleasure to work with SumatoSoft in building out core portions of our product, and the results really couldn't have been better.

SumatoSoft supercharged our productivity by providing us with three team members whose technological expertise was surpassed only by their enthusiasm. Many times they found better solutions than were given to them, and with that alongside their excellent ability to communication, they made our product better, faster, which resulted in customers becoming happier sooner. SumatoSoft provided us with engineering expertise, enthusiasm and great people that were focused on creating quality features quickly.



Paul S. Chun | Rivalfox GmbH, CTO

 **BUSINESS BENEFITS**

The client was able to reduce the maintenance costs for the tool. The implementation of feed search made possible to reduce the quantity of servers which led to the notable reduction of server costs. Plus, the development of new analytics and analytics reports functionality helped to gain new clients and investments.

 **SERVICES**

Development, Quality Assurance, Project Management

 **TECHNOLOGIES**

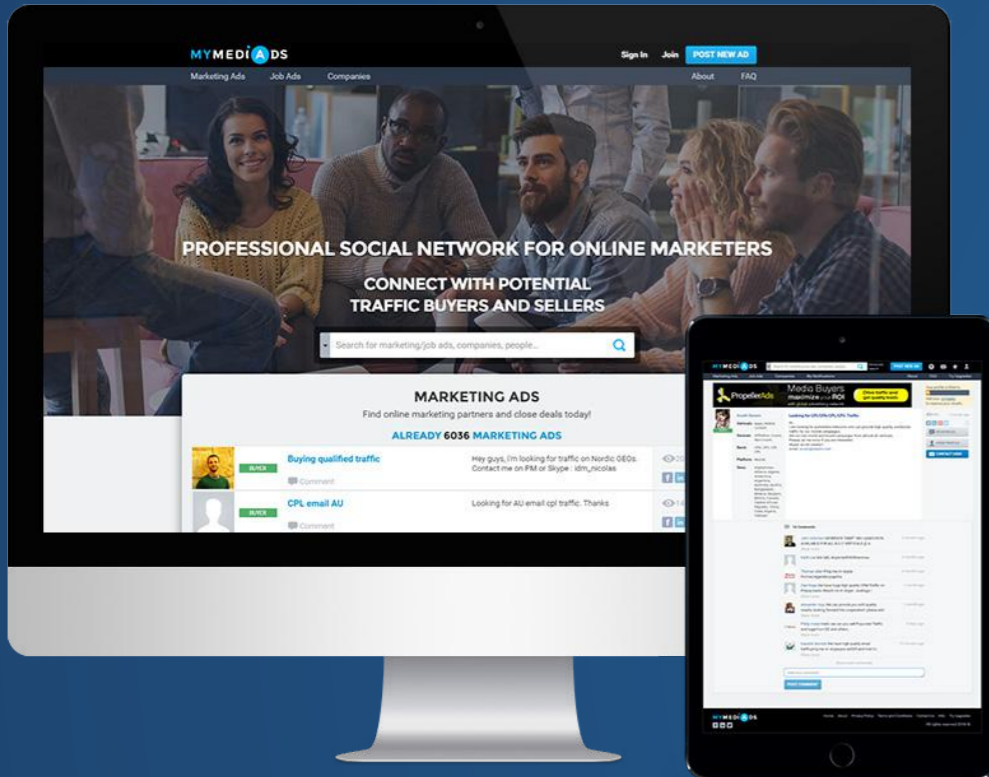


WEB | SOCIAL

MYMEDIADS

<https://mymediads.com>

MyMediAds:
Professional Social Network for Online Marketers



🏆 BUSINESS CHALLENGE

The main task set by our client headquartered in Israel was to renew and upgrade the outdated version of the service for online marketing specialists. When addressing SumatoSoft, the Client had an MVP version of the service for online marketers developed using PHP (Wordpress), however it was outdated and didn't show good performance and provide scalability. Moreover, the service didn't meet the modern standards of usability and speed of work.

The main project goals were:

- To ensure a very high speed of web service work;
- To ensure stable work of the service at high load;
- To make the service design user-friendly, attractive and simple;
- To make the application easily scalable and maintainable;
- To add extra functionality to the service;
- To implement additional ways of monetization.

💡 SOLUTION

We developed the service with Ruby on Rails making the application easily scalable for future changes. The service got extended functionality including:

- New types of advertisements;
- Companies profiles;
- New monetization system via accounts upgrades;
- Flexible administration system;
- Easily manageable notification system;
- All service functionality is shared among the following types of users: guests, registered users, and admin;
- Advanced search system;
- Social functionality development (comments, reviews, sharing, etc);
- Integration and customization of a Tranzilla payment system;
- Implemented push notification system;
- Integration with SES mailing system.

WEB | SOCIAL

MYMEDIADS

<https://mymediads.com>

MyMediAds: Professional Social Network for Online Marketers

SumatoSoft developed a new version of the MyMediAds service. When we turned to the SumatoSoft experts, we had already been using an MVP version, which we would like to improve.

Together with the team, we have turned the MVP version of the service into a modern full-featured platform for online marketers. We are very satisfied with the work the SumatoSoft team has performed, and we would like to highlight the high level of technical expertise, coherence and efficiency of communication and flexibility in work.

We can say with confidence that SumatoSoft has realized all our ideas into practice. In the future, we plan to continue working with SumatoSoft on improvements of the MyMediAds service. We will highly recommend SumatoSoft to those who want to successfully plan and implement a truly quality project.



Ekaterina Bromberg

MyMediAds.com, Co-Founder

BUSINESS BENEFITS

After the update carried out by our Ruby on Rails team this service became more scalable and started to provide better performance. MyMediAds finally met all modern standards of usability thanks to the changes in the database structure and further introduction of a push-notification system. Also, speed of work was increased significantly due to the installation of PG Search for full text search, allowing to keep RAM on the server. The application was released successfully, and our customer is currently thinking over further technological improvements of the service.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management, Support

TECHNOLOGIES



RUBY ON RAILS



BOOTSTRAP

jQuery

NGINX



Postgre SQL



Phusion Passenger



RAILS ADMIN

WEB | HUMAN RESOURCE MANAGEMENT



evolv 

<http://www.cornerstoneondemand.com/evolv>

**Evolv:
Facebook Profiles Grabber**

 **BUSINESS CHALLENGE**

Evolv (now Cornerstone OnDemand), one of leading companies in Big Data arrays analysis and human resources management, studies the employee's effectiveness at all stages, from hiring to dismissal in big corporations.

The company wanted to make a unique system, which would automatically load and systematize the information shared by employees in Facebook, including screenshots of profiles.

 **SOLUTION**

We used Ruby On Rails and Facebook API to carry out the system's development. The client part was developed with Bootstrap in full accordance with Evolv requirements to user interface.

A certain technical complexity was represented by implementation of screenshots taking system. For this purpose, we integrated system with an offsite paid service.

 **BUSINESS BENEFITS**

Thanks to the system, the company plans to gain additional revenue stream by providing unique service for human resource managers.

This service will also be a good advantage providing growth of competitive differentiation and helping to increase the company's market share.

 **SERVICES**

Development

 **TECHNOLOGIES**

 RUBY ON RAILS  Apache  BOOTSTRAP
 facebook  jQuery  MySQL  URL2PNG

They are very sharp and have a high quality team. I expect quality from people, and they have the kind of team I can work with. They were upfront about everything that needed to be done.



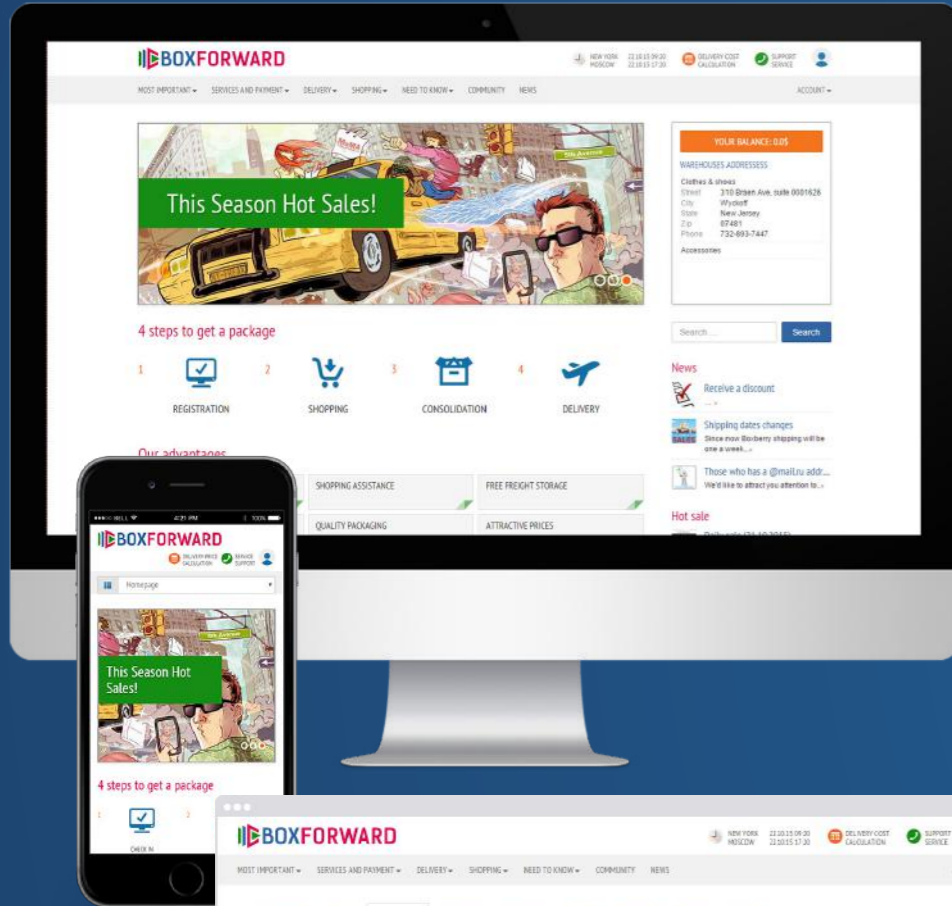
Michael Karbushev
Senior Director of Engineering at Evolv

WEB | LOGISTICS

 BOXFORWARD

<https://boxfwd.com>

**Boxforward:
Warehouse & Parcel Management System**



 **BUSINESS CHALLENGE**

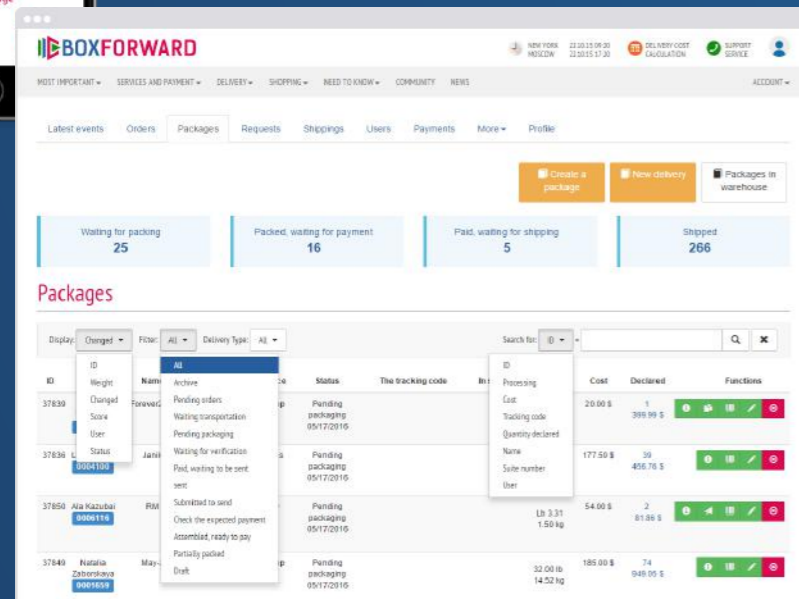
Boxforward (former NYCMSK) is a freight forwarding logistics web service. Using this service, customers outside the US can order various goods on a par with the US citizens, form a single parcel and send it by any transport means. Previous warehouse and parcel management system was technically outdated, too complicated and expensive to support and improve.

 **SOLUTION**

At first, our team improved quality of the on-production version of the service and focused on finalizing new functionality. We were able to change app architecture qualitatively and integrate it with various payment (Payonline) and monitoring packages (Boxberry) systems.

SERVICE IMPROVEMENTS:

- SSL integration for secure payments;
- Migration of all data to the new website;
- Web server work optimization;
- Staging launch;
- Custom forum introduction;
- Integration of Ruby-based administration module with and Wordpress-based frontend;
- Implementation of 4 types of user profiles (superadmin, admin, operator, user) with extended rights management system.



WEB | LOGISTICS



<https://boxfwd.com>

**Boxforward:
Warehouse & Parcel Management System**

From the start and throughout the project, all communications and project management were very professional and the quality of code was very good and consistent. SumatoSoft team managed to improve the existing service architecture, add important features to our new site and warehouse management system and quickly respond to troubleshooting requests related to both the older and the newly launched versions of our service.

Thanks to SumatoSoft can-do attitude, amazing work ethic and willingness to tackle client's problems as their own, they've become an integral part of our team. We've been truly impressed with their professionalism and performance and continue to work with a team on developing new applications. We would definitely recommend SumatoSoft as a reliable technology partner for demanding development web projects.

 **BUSINESS BENEFITS**

Shop And Ship LLC has released the updated version of its service. Thanks to the work done by SumatoSoft, the Client observes the following improvements in the application:

- The service performance has increased;
- Better work on high load;
- The service usability has been improved;
- Transactions are secured and meet all modern requirements to online payment systems;
- The system can be easily extended with new functionality in future.

 **SERVICES**

Development, Quality Assurance, Project Management, Support

 **TECHNOLOGIES**

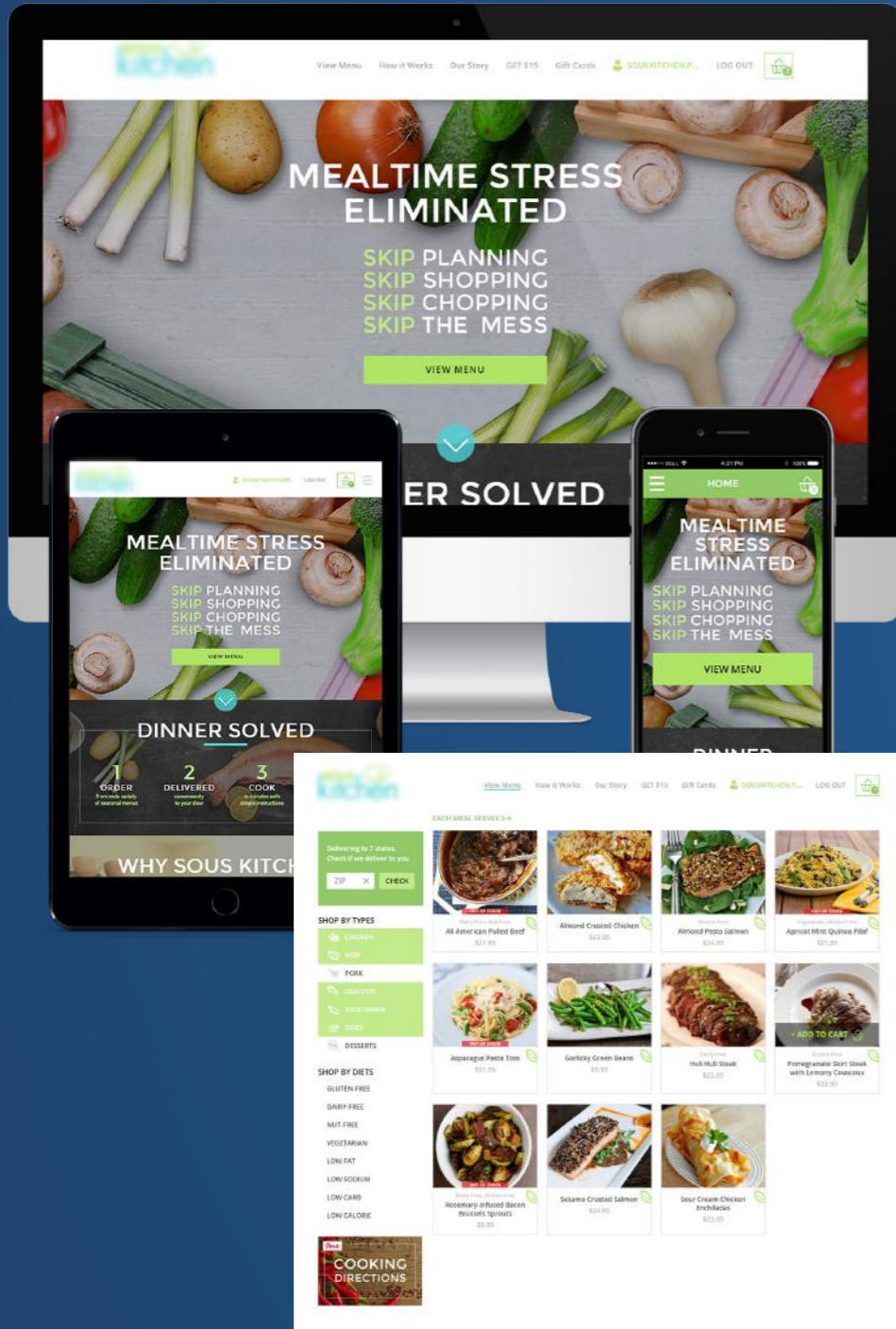


Yuri Haverman | CEO and Founder

WEB, MOBILE | ECOMMERCE

SOUS
kitchen
<https://souskitchen.com>

**Sous Kitchen:
Making Food Delivery Business Effective**



 **BUSINESS CHALLENGE**

The client — Sous Kitchen LLC — is a popular online service of homemade food delivery in the USA. The online order service was based on an outdated technical solution and required high expenses on manual order processing.

 **SOLUTION**

SumatoSoft redeveloped a web service and developed a custom mobile application for Sous Kitchen. The solution is based on a popular library for ecommerce apps — SpreeCommerce. The choice of this library allowed implementing the solution promptly including the most important ecommerce modules such as payment system, customer management, order management almost without efforts. We concentrated on the development of unique functionality — reporting, promotion and gift cards modules.

E-COMMERCE FEATURES:

- Automatic record of number of the goods available/sold;
- System of customers' rewards/gift cards;
- Customer management system;
- Order management;
- Reporting.

 **BUSINESS BENEFITS**

Thanks to the system, the company plans to gain additional revenue stream by providing unique service for human resource managers.
This service will also be a good advantage providing growth of competitive differentiation and helping to increase the company's market share.

 **SERVICES**

Design, Development, Quality Assurance, Project Management, Support

 **TECHNOLOGIES**

 RUBY ON RAILS  BACKBONE.JS  Adobe PhoneGap
 MySQL  spreecommerce

MOBILE | ENTERTAINMENT



FireAnt: Wi-Fi Free Messaging App Development

BUSINESS CHALLENGE

FireAnt is a mobile messaging application that supports text messaging, voice and video over carrier data and WiFi, and text messaging over peer-to-peer mesh networks with other Fire Ant users. It will be launched on all Android and IOS devices and tablets.

SOLUTION

After the Discovery Phase, we worked out a custom design for the messaging application, developed its basic functionality and released an MVP version of the application. Also, we assisted in creating a video demo for the presentation.

DISTINCTIVE FEATURES:

- Unique app design
- Possibility to send messages without the Internet connection
- MASH integration
- Multilanguage support
- End-to-End Encryption
- Network Map
- Live video streaming
- File Sharing
- Group conversation
- Storage of photos and videos
- Share Tours

WHAT'S NOW

The application is being developed and tested. MVP version is ready for presenting to investors and getting new rounds of investments.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management

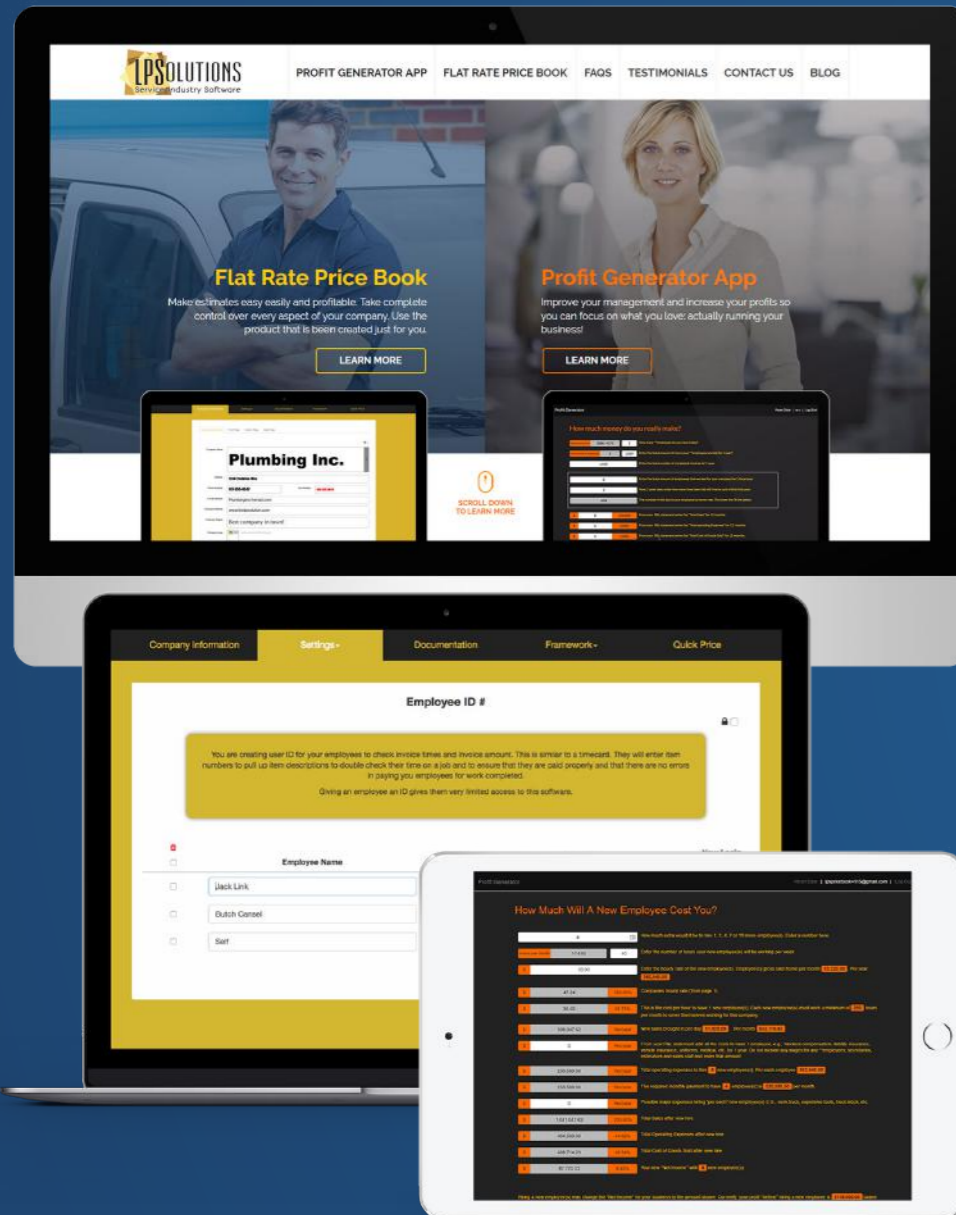
TECHNOLOGIES



WEB | SALES APP

LPSOLUTIONS
<https://thelpsolution.com>

LPSolutions:
 Flat Rate Price Book App



🏆 BUSINESS CHALLENGE

The client wanted to develop an app which helps businesses and their employees bring the process of selling to convenience when using a flat rate price book. The application's functionality aimed to provide its users with the opportunity to edit the list of offerings and articles, manage the list of employees and their relations, etc.

Besides the overall development, SumatoSoft was asked to pay extra attention to the following features, crucial for this type of applications:

- Convenience of the UI;
- High level of security;
- Fault tolerance.

💡 SOLUTION

As a result of our work, the application comes up with an immediate pricing for specialty items not found in a regular flat rate price book. It is also possible to preview what a flat rate price book will look like prior to having it printed.

Moreover, thanks to Employee/Owner login system, employees can double check invoices. This way, owners can see the profit per job that employees can not see. As for the subscription fee payment methods, the solution accepts credit cards or PayPal.

The other technological aspect worth mentioning is the redevelopment of Profit Generator App, the part of the LPS Pricebook. The app used to be written on Python, now it has been brought to Ruby on Rails.

WEB | SALES APP

LPSOLUTIONS
<https://thelpsolution.com>

**LPSolutions:
 Flat Rate Price Book App**

DISTINCTIVE FEATURES

The application makes possible to:

- edit the list of offerings;
- edit the list of articles;
- edit the list of employees;
- edit the list of employees' relations;
- edit the appearance of price books;
- print price books.

Besides the technological implementation, our team handled all the design works for the software. The use of ReactJS as a tool for UI development helped us to come up with a convenient user interface. Additionally, our quality assurance officer tested the solution before its release.

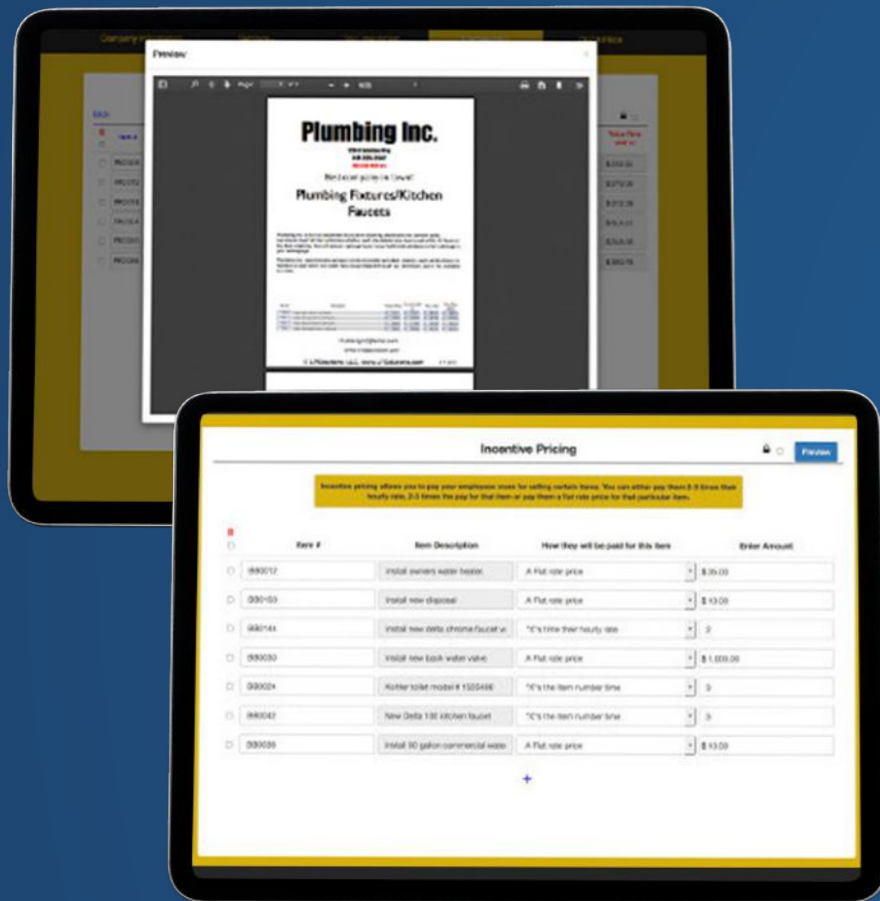
 **BUSINESS BENEFITS**

At the present time, the platform's customer base is growing. According to the clients' testimonials, the solution is getting more and more popular between companies of all sizes willing to optimize their sales process.

 **SERVICES**

Development, Quality Assurance, Project Management, Support

 **TECHNOLOGIES**



MOBILE | SOCIAL



theActivist.eu

<https://www.standupforeurope.eu>

Stand Up for Europe: Service Redesign and Redevelopment

BUSINESS CHALLENGE

Stand Up for Europe is a movement of citizens reclaiming their hope in a better future, something that only a united Europe can provide in a world where our countries have become too small to matter. The company decided to redesign and redevelop their current website. Besides, they decided to develop a cross-platform mobile application supported by iOS and Android-based devices.

SOLUTION

SumatoSoft has made a new modern, user-friendly design for the company website and the cross-platform application. The main web and mobile functionality is being developed and tested, first version is on staging environment presented to the client.

SPECIFIC FEATURES:

- Detailed user profile
- Google Map Integration
- Map search and filter
- Polls and Votes
- Pages moderation by page coordinator
- Integration with Google Translate for comments
- Donation functionality
- Extended roles management by Admins
- News/content management
- Push notifications

BUSINESS BENEFITS

The application is being developed and tested.

SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management

TECHNOLOGIES



RUBY ON RAILS

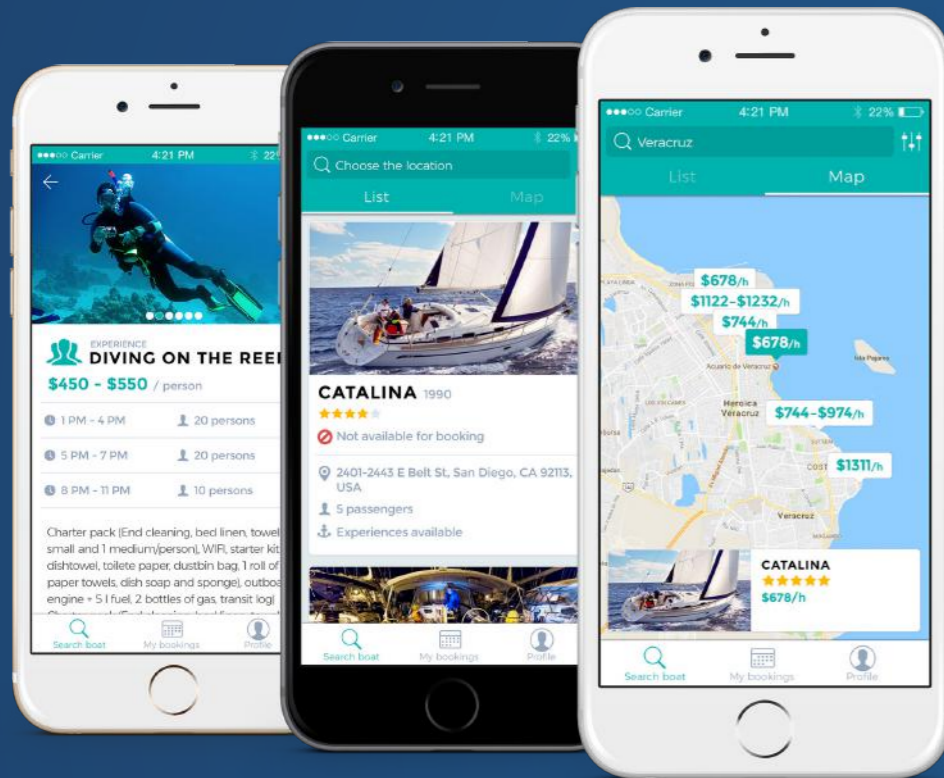


React Native



PostgreSQL

MOBILE | SAAS



RENTING BOATS

Renting Boats App: Make Boats Booking Easy

🏆 BUSINESS CHALLENGE

The application is aimed to provide a service of lending and renting of boats (similar to Airbnb). Mobile applications should be development only for users who want to rent a boat. Boat owners and the service admins have a web-based application.

💡 SOLUTION

Together with the client, we analyzed the business goals and requirements and decided on the scope for MVP version of the application.

We developed a custom design for iOS and Android applications, developed basic functionality and released an MVP version of the application with the featured listed below.

DISTINCTIVE FEATURES:

- Detailed search for boats
- Multi Language support (English and Spanish)
- Users rating
- Preset email notifications
- General reports in Admin panel
- Users management by Admins
- Extended bookings management in Admin panel

📈 WHAT'S NOW

The application is being developed and tested.

⚙️ SERVICES

Business Analysis, Design, Development, Quality Assurance, Project Management

💻 TECHNOLOGIES



RUBY ON RAILS



Postgre SQL

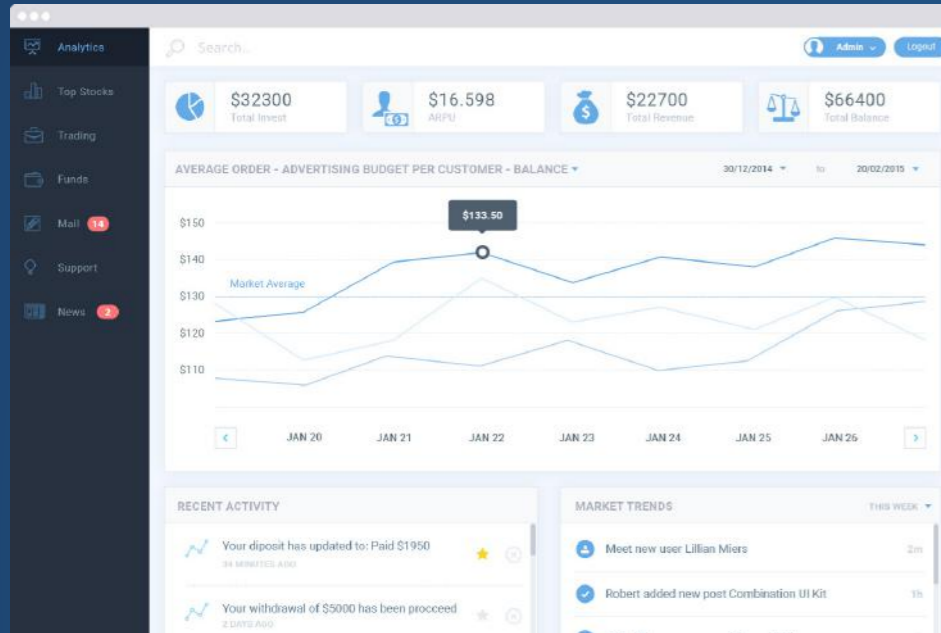


iOS SDK



ANDROID SDK

WEB | STARTUP



CRM System Testing

BUSINESS CHALLENGE

Our Client (NDA) is a startup owning several SaaS systems, including a big CRM system written on .Net. The Client faced the necessity to adjust automatic testing process. Even though the CRM system had been available at the market for some time and the company had a rather extended team of QA specialists, the Client faced problems of the service quality: users started to leave as the number of critical reviews was growing.

SOLUTION

To reduce expenses on manual testing, we singled out the functionality requiring manual QA, and the functionality where QA could be automated. When the tests plan was brought up to date, the most crucial and the less variable functionality was automated using Selenium. Our specialists recommended and implemented Unit-testing. In addition, we realized several sessions of stress testing.

RESULTS

- 5,000 bugs of various complexity found;
- Improved data integrity in the system;
- The number of critical bugs, which real users could find, was reduced up to 0;
- The number of bugs in business functionality was reduced by 4 times;
- The bug percentage in the layout and UI reduced by more than 10 times.

BUSINESS BENEFITS

The client managed to reduce costs on the system maintenance, increase customer's' loyalty and increase its market share. The measures taken by the developers after the stress testing allowed improving data integrity in the system and increasing the peak load up to 42% without the infrastructure change.

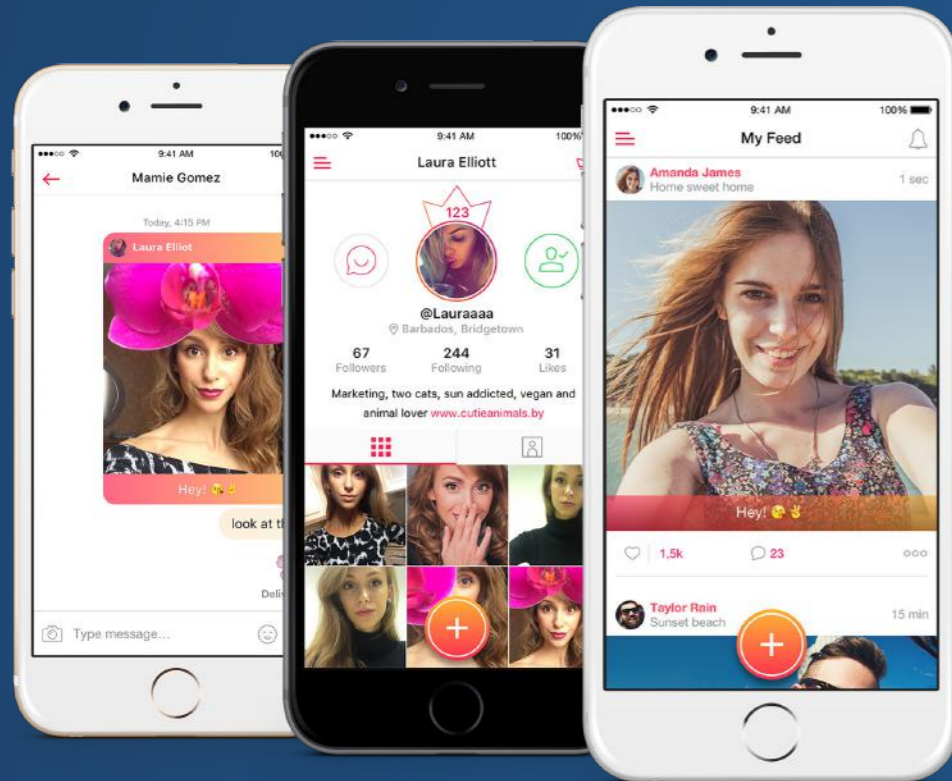
SERVICES

Development, Quality Assurance, Project Management

TECHNOLOGIES



MOBILE | ENTERTAINMENT


<http://selfiest.com>

Selfiest: Back-end Development of Instagram Competitor

🏆 BUSINESS CHALLENGE

Jean Baptiste Fort, a famous fashion and advertising photographer, decided to make an Instagram-like mobile application. The main thing about the new app is its focus on selfies only.

💡 SOLUTION

Such type of applications requires not only an attractive and user friendly mobile interface, but also a well-working and optimized backend server side.

Our team developed a stable back-end application module ready to process big amount of data. It can be integrated with front-end mobile solutions.

DISTINCTIVE FEATURES:

- Dozens of pro filters;
- Custom ranking system;
- Detailed statistics of photos performance.

📈 BUSINESS BENEFITS

The application is released and successfully used by selfies fans.

⚙️ SERVICES

Development, Quality Assurance, Project Management

💻 TECHNOLOGIES



OUR OFFICES



HEADQUARTERS

One Boston Place, Suite 2602
Boston, MA 02108, United States

OTHER WAYS TO GET IN TOUCH

info@sumatosoft.com
<https://sumatosoft.com>