[Coreteka]

software development company

CASE STUDIES

innovation@coreteka.com

Our clients & partners

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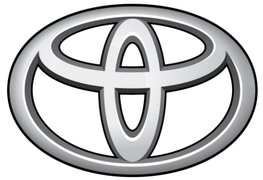

Business domains

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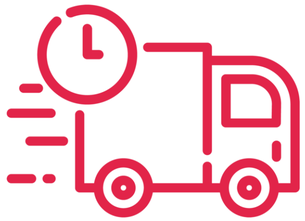
CoreTeka is focused on 3 main industry sectors: Retail, Transportation, Agriculture, but also ready to implement projects of any complexity in other industry sectors.

Retail



Transportation

Agriculture

What we do

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ULC

UKRAINIAN LOGISTICS COMMUNITY

Coreteka is a member of the Ukrainian Logistics Community. It is a networking logistics platform for the exchange of professional experience. We take part in events as a participant or speakers, and happy to share our knowledge.

logistic.community

UNIT.City

UNIT.City

In partnership with UNIT.city our team creating a series of events called "Future of Logistics", where professionals from the logistics market shared their experience, discuss trends and market perspectives.

unit.city/en/home

Hackathons

[Coreteka]

Coreteka Hackathon is the event not only for IT teams but also for representatives of the retail, logistics and automotive business who understand their needs and looking for new ways of increasing the productivity of existing business-processes by means of innovative technologies.

events.coreteka.com

SiliconDrinkabout

Silicon Drinkabout™ Mykolaiv

Silicon Drinkabout is a global community of startups powered by local events. Coreteka has the honor to organize the event in Mykolaiv, Ukraine, where we bring together local IT specialists for happy hour.

fb.com/pg/SiliconDrinkabout Mykolaiv

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Our focus & services

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Enterprise

- Digital platform
- API integration
- TMS, WMS and other systems
- Quality control solution
- Workplace for 3PL operators
- Workplace for drivers and couriers

Startups

- Prototyping and Research
- UX/UI Design
- Mobile & Web Applications
- Project Management
- MVP
- Inbound Marketing
- Support

Agencies

- Custom website, UX/UI design
- WordPress Development and Customization
- E-commerce Development: Magento, Shopify
- Custom Software Development

Outsourcing & Outstaffing

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Outsourcing

- Innovative technical solutions
- Vendor is responsible for code quality
- Spending less time on web development
- No management efforts
- No hiring efforts
- Equipment provided
- Cost-efficient solutions

Outstaffing

- Long-term contract to receive professional support
- Vendor is responsible for payroll
- Flexible hiring model
- Full control over development
- Access to any team member
- Great professionals without having to pay high price and taxes

Our value

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Enterprise

- Get the latest **domain innovations** and trends integrated into your company’s workflow
- Speed-up your **project delivery** while competitors freeze with slow corporate processes

Startups

- **Validate** your idea
- **Focusing** and prioritising
- Avoid **over-engineering**, deliver your solution **fast**
- Use our **network** of investors and partners
- Make your fundraising, **scale your team** - we’ll help to prepare your secret sauce and manage your dev kitchen
- Mentorship

Agencies

- Get more well-experienced resources **fast**, as your clients grow
- Work with **one** reliable team that will handle all critical aspects of client satisfaction
- **Save** budget for your clients and provide high level of services

Projects

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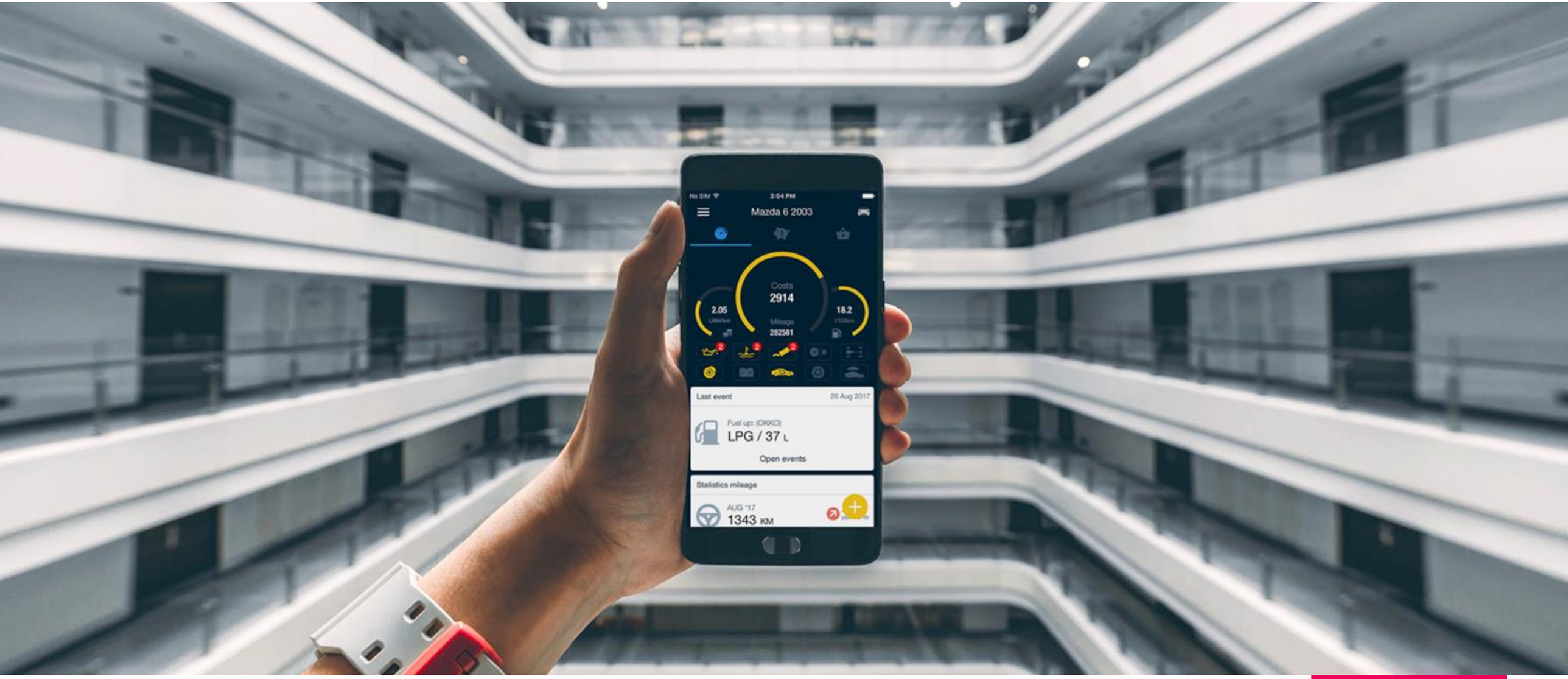


YChamp

[Coreteka]
software development company

About

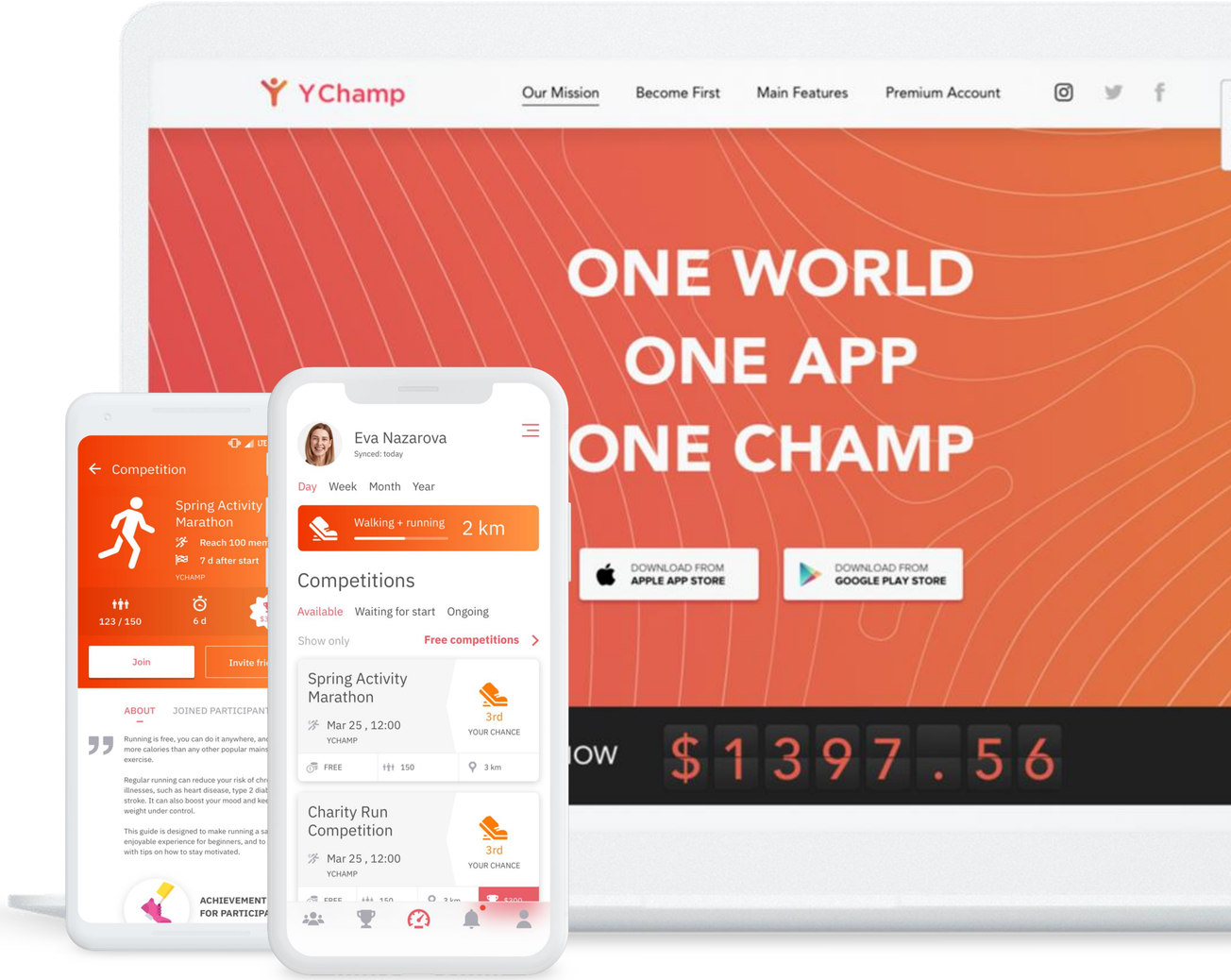
YChamp is an activity tracking application that selects users for ideal opponents in competitions, considering and comparing their capabilities. It is not necessary to be a professional athlete to become a champion. Record your daily results and earn trophies.

Challenges

Creating a tool for collective competitions with prize funds, distributed between the winners and may be supplemented by participants or external sponsors. Automatically recording the distance covered due to synchronization with tracking devices, as well as Apple Health and Google Fit.

Technologies / Services used in project

- PHP 7
- MySQL 5.7
- Swift 11
- Java 8
- Android SDK
- Google Fit & Apple Health integration



TRANSPORTATION TRACKER

Coreteka
software development company

About

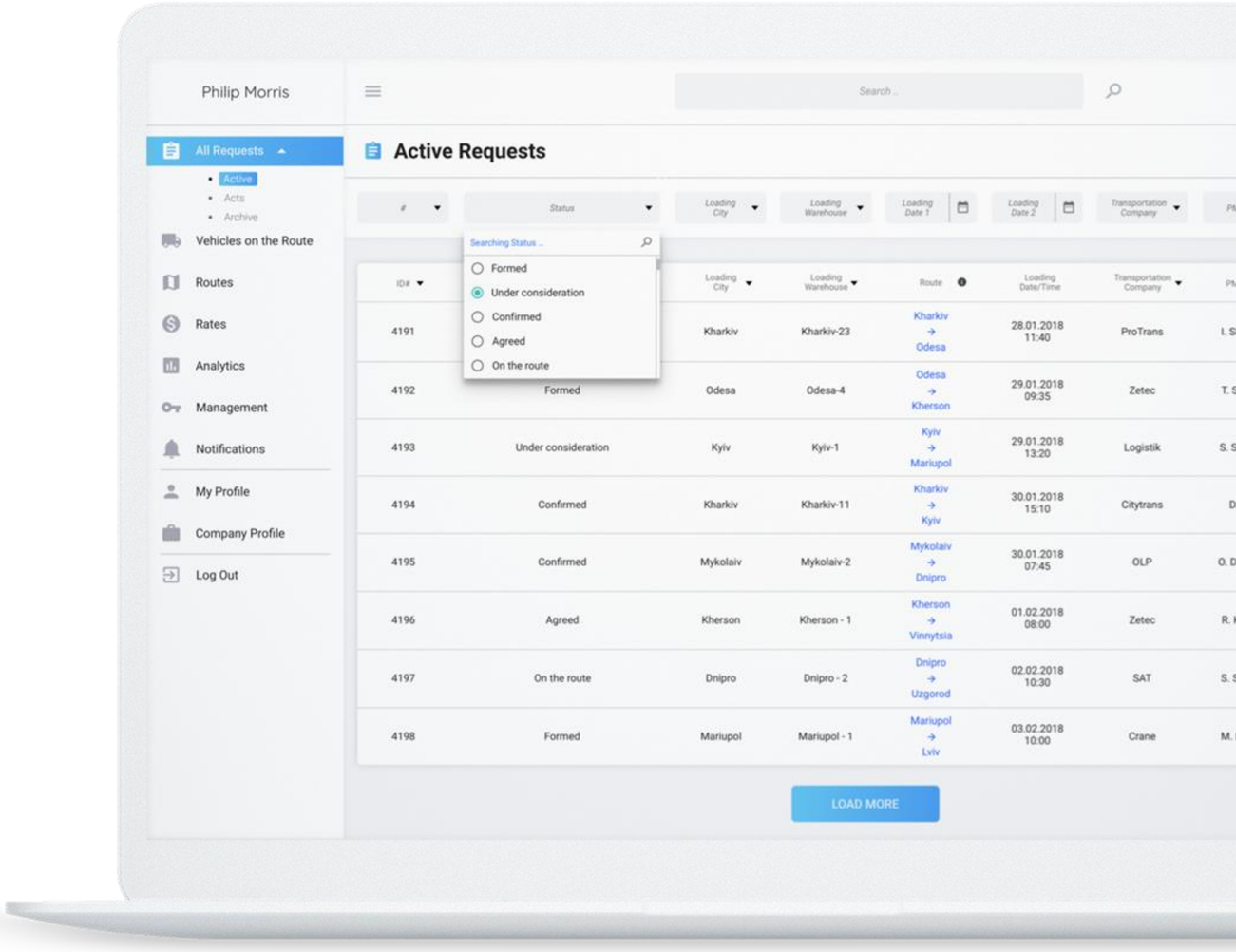
Online service for Philip Morris Ukraine will allow you to track in real time all the cars of all transport companies that are currently transporting cargo, as well as calculate and display the estimated time of arrival of the car to each unloading point and store the movement history of each car.

Challenges

Interface of the service with the range of necessary functions will be developed depending on the role user chose earlier. Implemented additionally, the analytical part will help you conduct further analysis and optimization of traffic. You will be able to make reports on all routes, transport companies, individual cars, etc.

Technologies / Services used in project

- Java 8
- Spring boot 1.5.13
- Hibernate 5
- PostgreSQL 10
- React JS
- Google maps API
- Leaflet JS



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VOICE RECOGNITION TOOL

Coreteka
software development company

About

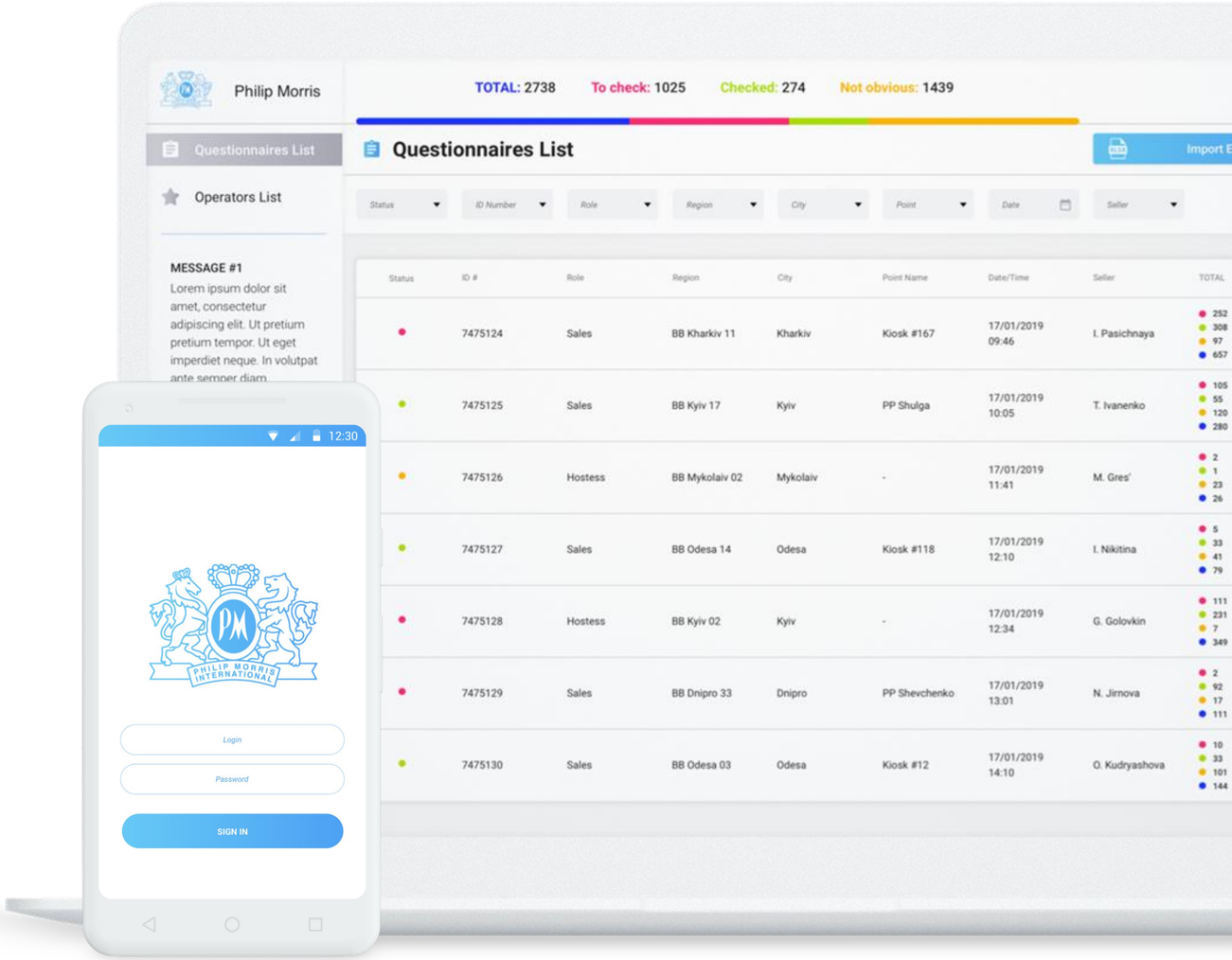
The goal of this project is to create an online service for the company Philip Morris Ukraine, which will automate the management of the validation process of sales operations that work on points.

Challenges

Creating an Android App to record the reference text and transmit it to the admin panel with Google Voice checking. The admin panel displays to which extent (in percentages) the text was correctly spoken. The result allows monitoring whether the sellers offer cigarettes brands that should be advertised. The service allows to monitor and evaluate the results of work done of sales representatives, consultants, sellers in retail chains with voice recognition technology.

Technologies / Services used in project

- Java
- React JS
- Android



BIG DATA ANALYSIS TOOL

Coreteka
software development company

About

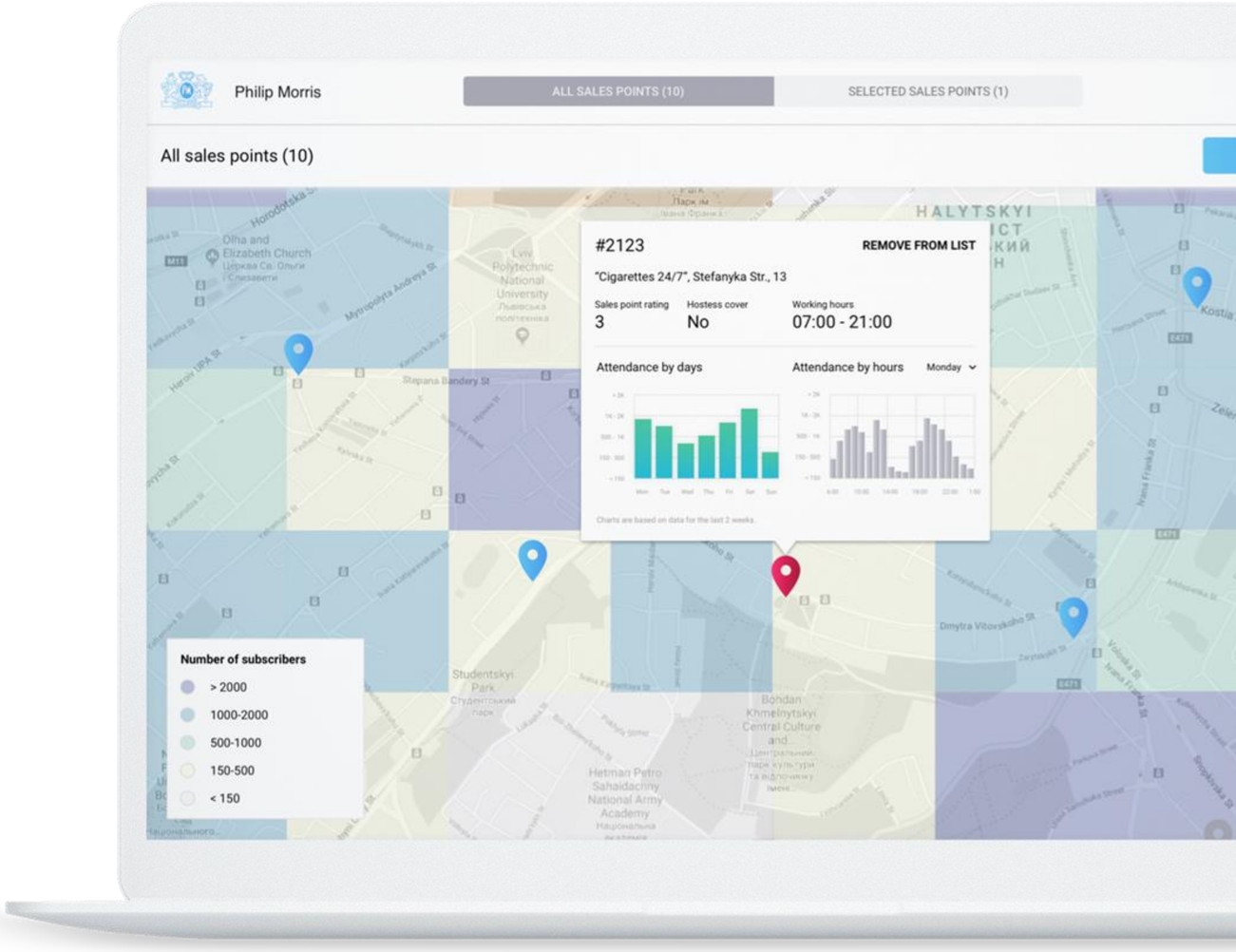
Service allows a customer company to make a forecast on the number of people in a given outlet and form a schedule for the work of hostesses by outlets.

Challenges

Writing documentation for a platform where data of three mobile operators will merge together, along with PMU data and design of the project architecture with the algorithm for merge data calculating.

Technologies / Services used in project

- React JS
- jQuery
- Slick JS
- Java 8



DriverNotes

[Coreteka]
software development company

About

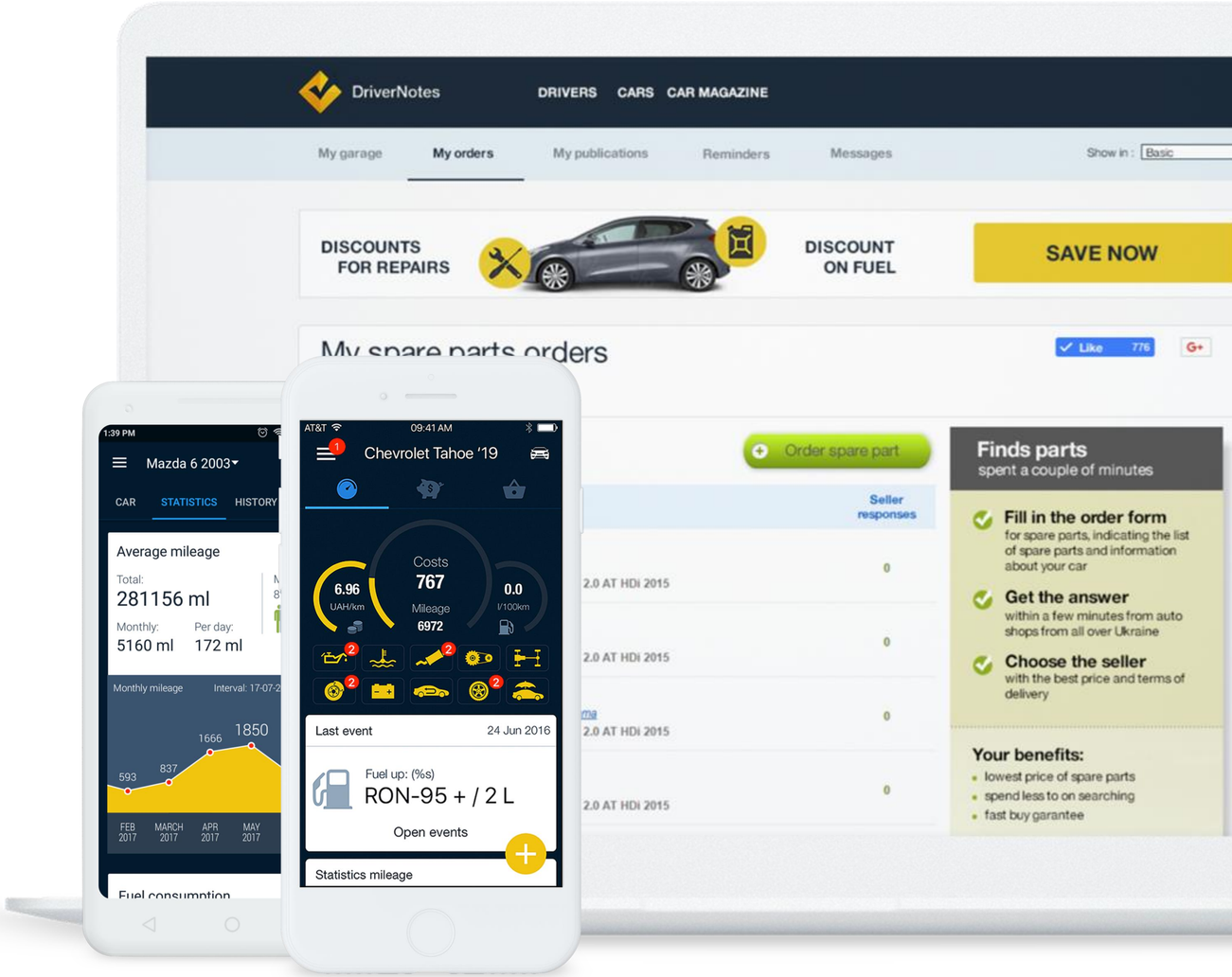
Drivernotes is a mobile app and web-service, that allows keeping a record of fuel consumption, car expenses and other activities.

Challenges

Coreteka team developed an application where customer can see car owner costs to the car; obtaining statistical data on fuel costs, repair, mileage; receiving notifications about the need for scheduled maintenance; control the cost of maintaining the car.

Technologies / Services used in project

- PHP
- Java
- Objective C



WOG

[Coreteka]
software development company

About

WOG is ukrainian gas stations, which want to update web and applications in Google Play and App Store.

Challenges

The network has 150,000 customers every day throughout Ukraine, so the new site and application should be easy to use and contain all the most important information: fuel prices, petrol stations, stocks, online purchases, etc.

Technologies / Services used in project

- PHP 7
- SWIFT
- Fancybox
- jQuery
- Modernizr
- Android SDK

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RODNIK

[Coreteka]
software development company

About

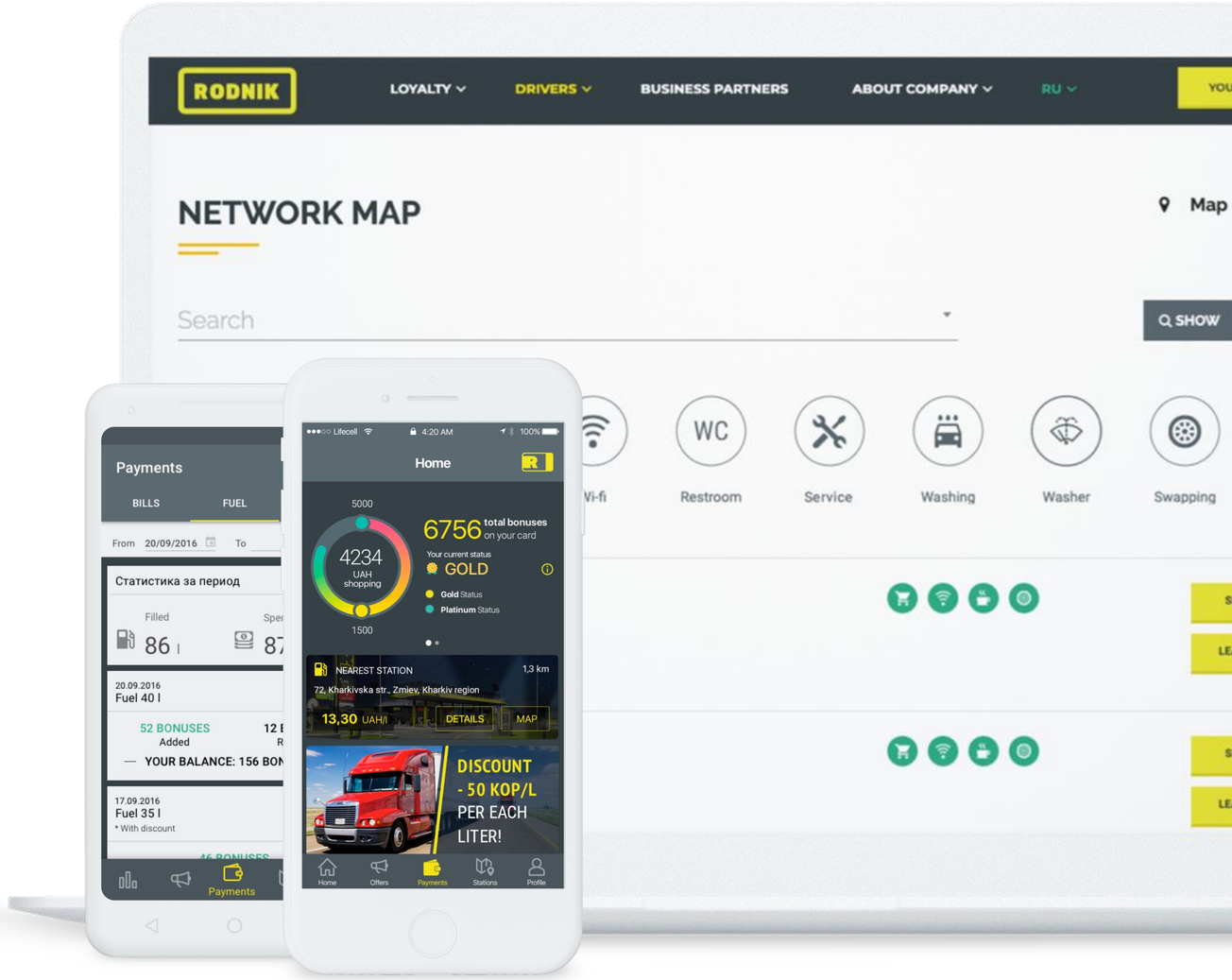
Loyalty mobile app for gas stations network «RODNIK».

Challenges

Obtaining all required information about a fuel station and analyze fuel spending on the basis of electronic loyalty card issued in the form of QR code.

Technologies / Services used in project

- Java
- Objective C
- Sketch



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UNIFY

[Coreteka]
software development company

About

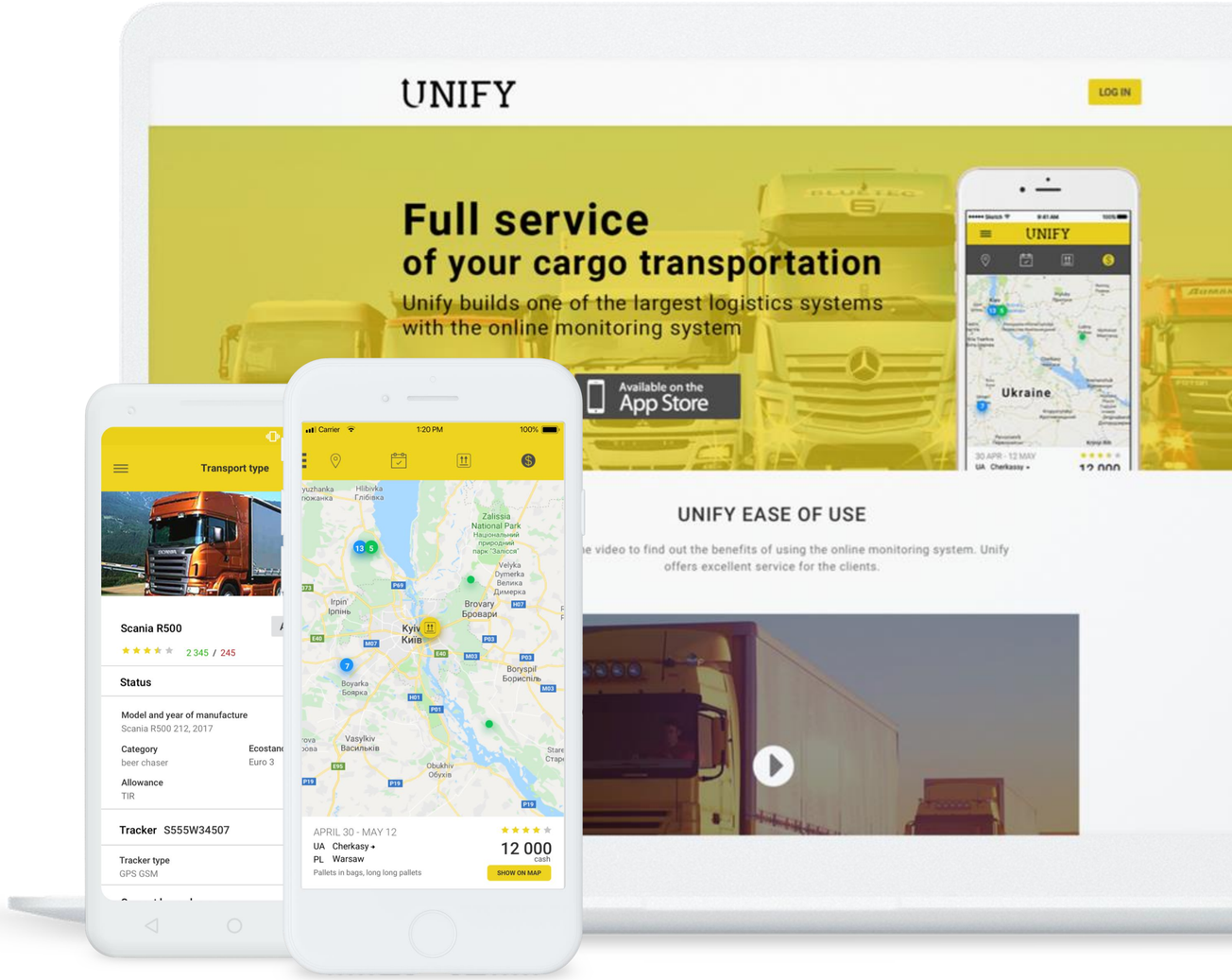
Developing an iOS app for a logistics company, which works without intermediaries. Marketplace for cargo transportation services.

Challenges

This app could help companies to reduce costs for transportation, logistics. Also, it allows monitoring the vehicle with cargo from start to finish.

Technologies / Services used in project

- jQuery
- Ajax Libraries
- Api
- CND JS
- J2EE
- PHP 7
- Java
- Kotlin
- SWIFT



IRIS

[Coreteka]
software development company

About

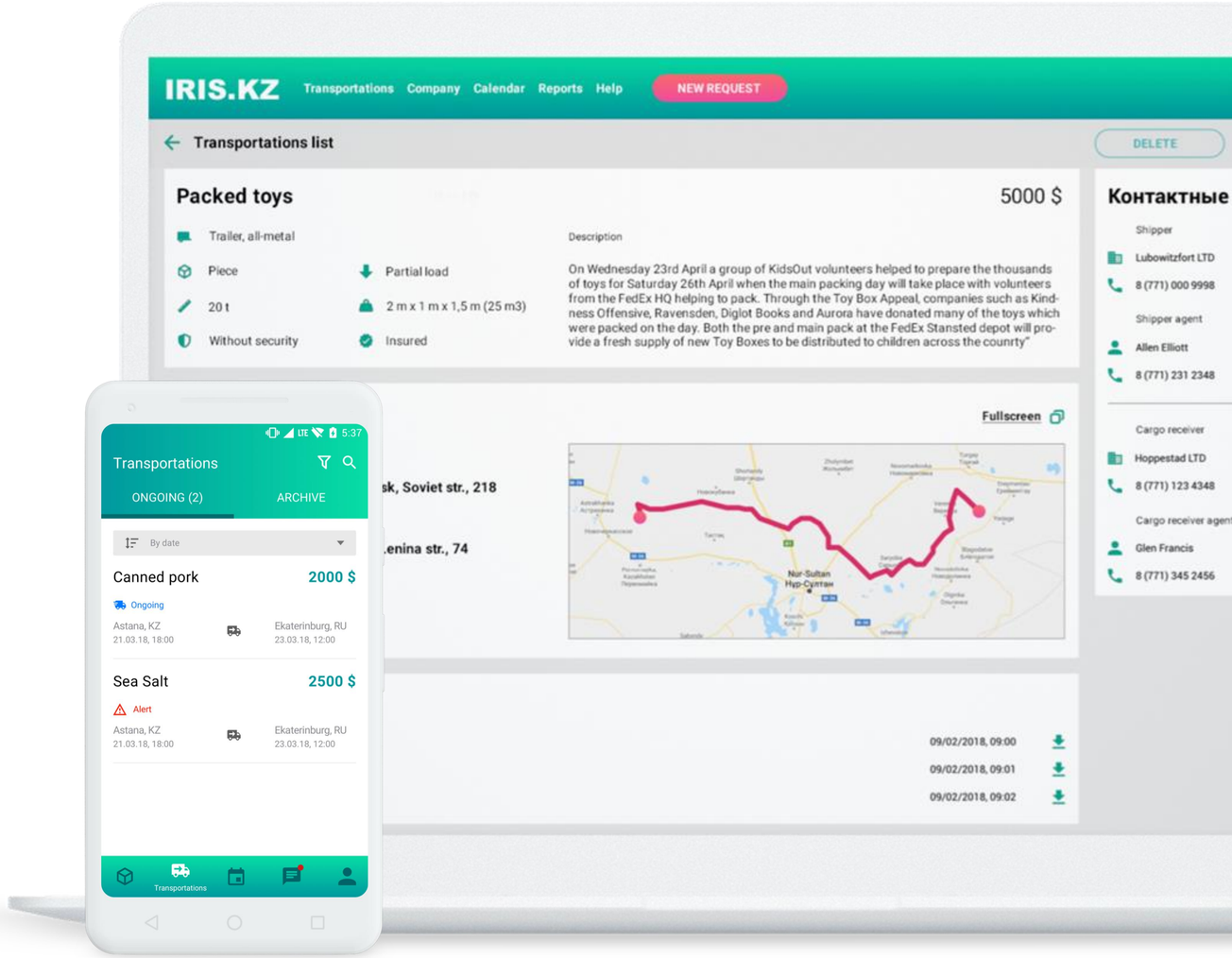
Writing documentation for a full-fledged platform for the carriage of goods, in which on one side of users is the Customer for the transportation of goods, and on the other the carrier itself. Mobile applications are also part of the platform through which it will be possible to set cargo statuses, the location of the carrier.

Challenges

Preparation of project documentation (incorporating platform architecture, diagrams, necessary technology stacks, wireframes for mobile and web versions) for cargo transportation platform. The platform provides for 2 types of users: customers, who place an order for transportation and carriers, who are ready to make the delivery. The mobile app is also the part of the platform through which cargo status or carrier's position can be set.

Technologies / Services used in project

- PHP 7
- Java
- Kotlin
- SWIFT
- reactJS
- Fancybox



JustSafe

[Coreteka]
software development company

About

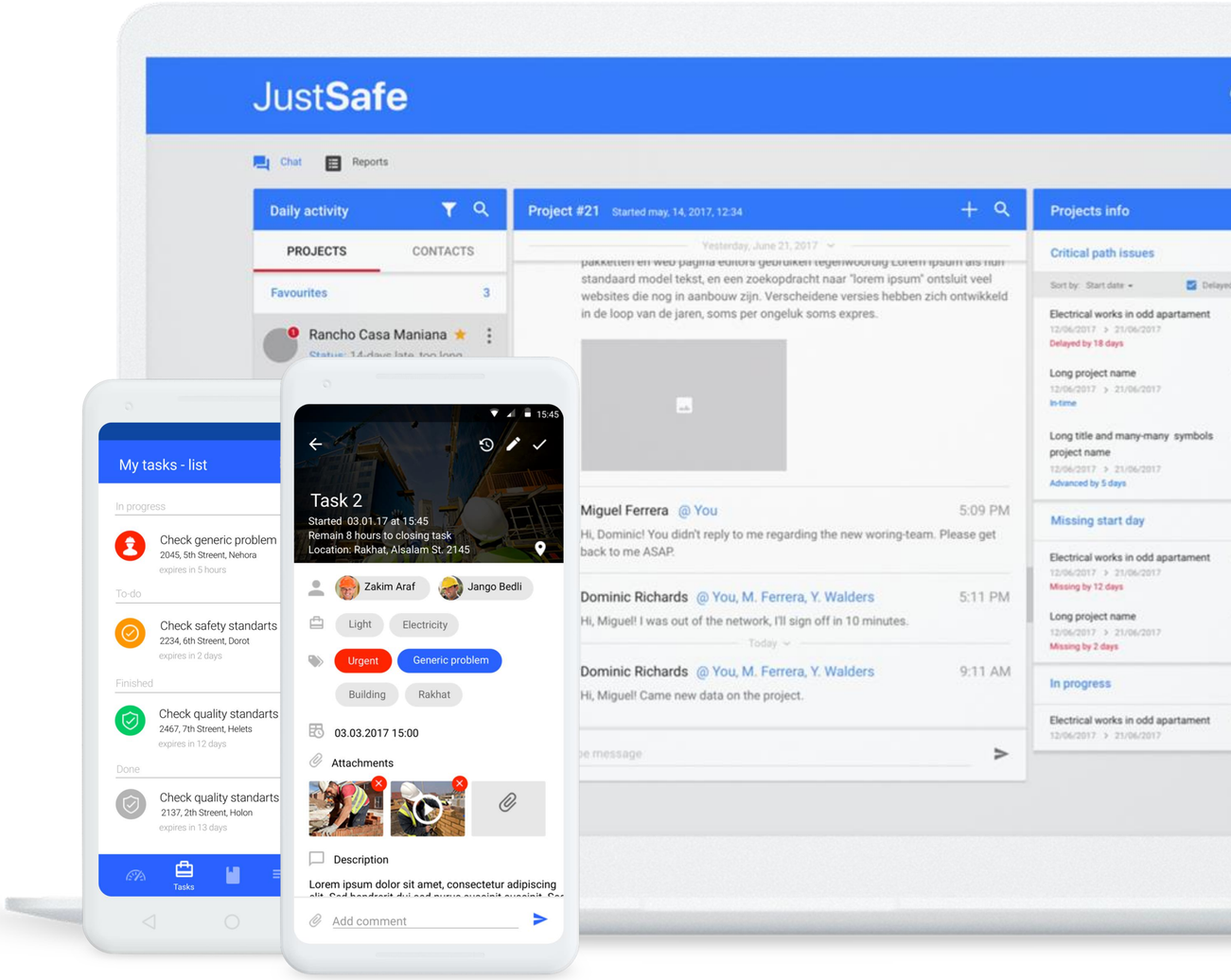
Development of a mobile application to monitor safety at construction sites.

Challenges

The mobile app allows automatization of security violations recording using photo fixation. One can also assign tasks to head of construction site for the elimination of identified violations and monitor their performance.

Technologies / Services used in project

- Java
- Swift



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NASHKVARTAL

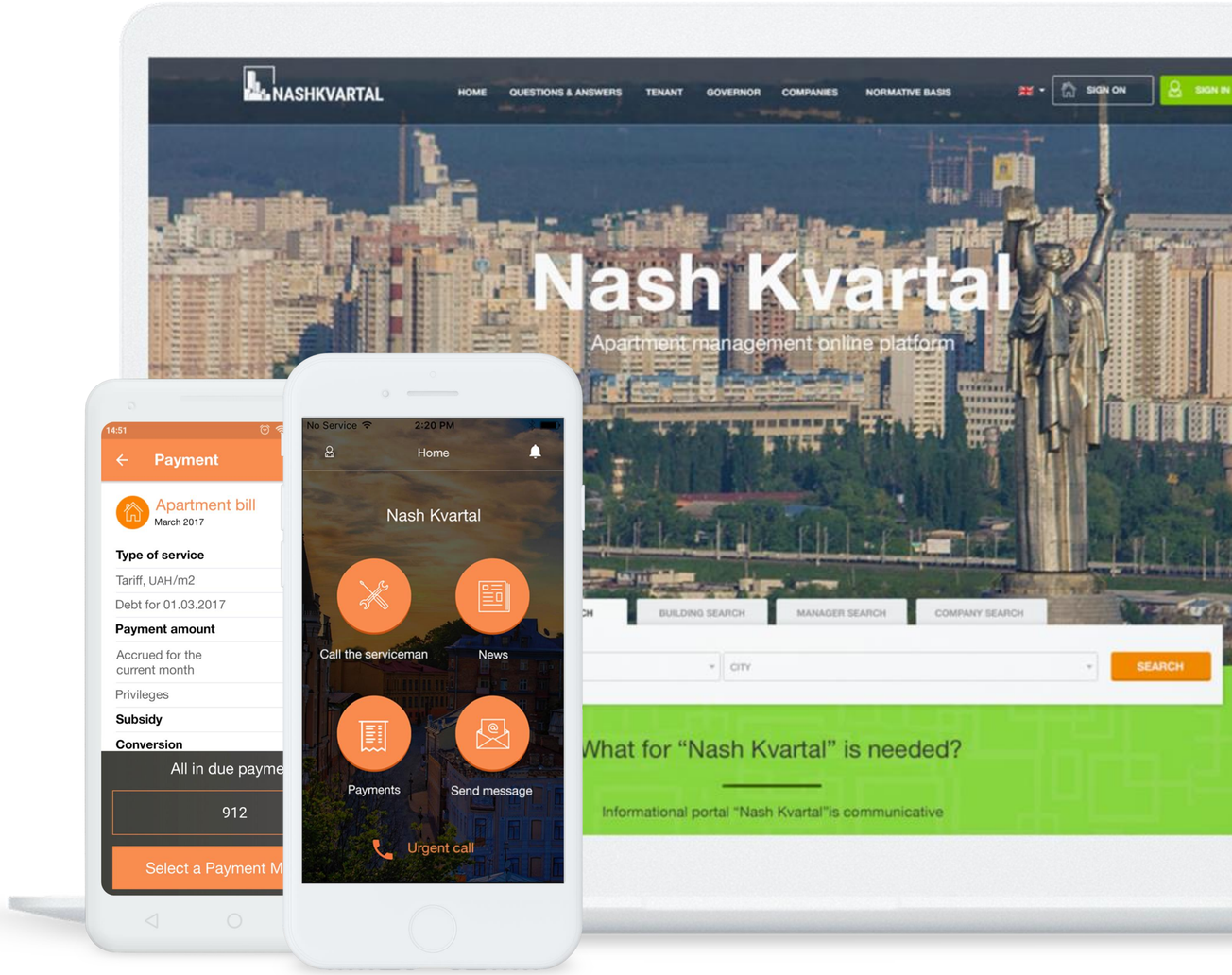
[Coreteka]
software development company

About

Communication platform, which combined the most popular online services for the residents and for the governors of apartment buildings.

Challenges

Created user's account with all necessary functions: online payment for housing and communal services, maintenance of the history of charges and payments for services. Home page with a description of the main technical characteristics of the house, manager's reports, announcements; Information on tariffs and list of home services. Online communication with the manager (e-mail); personal cabinet. You can install a mobile application to your phone and use portal services at any time, anywhere.



Technologies / Services used in project

- PHP 7
- Android SDK
- SWIFT
- Bootstrap
- Lightbox
- Moment JS
- Slick
- html5shlv

KwizFun

[Coreteka]
software development company

About

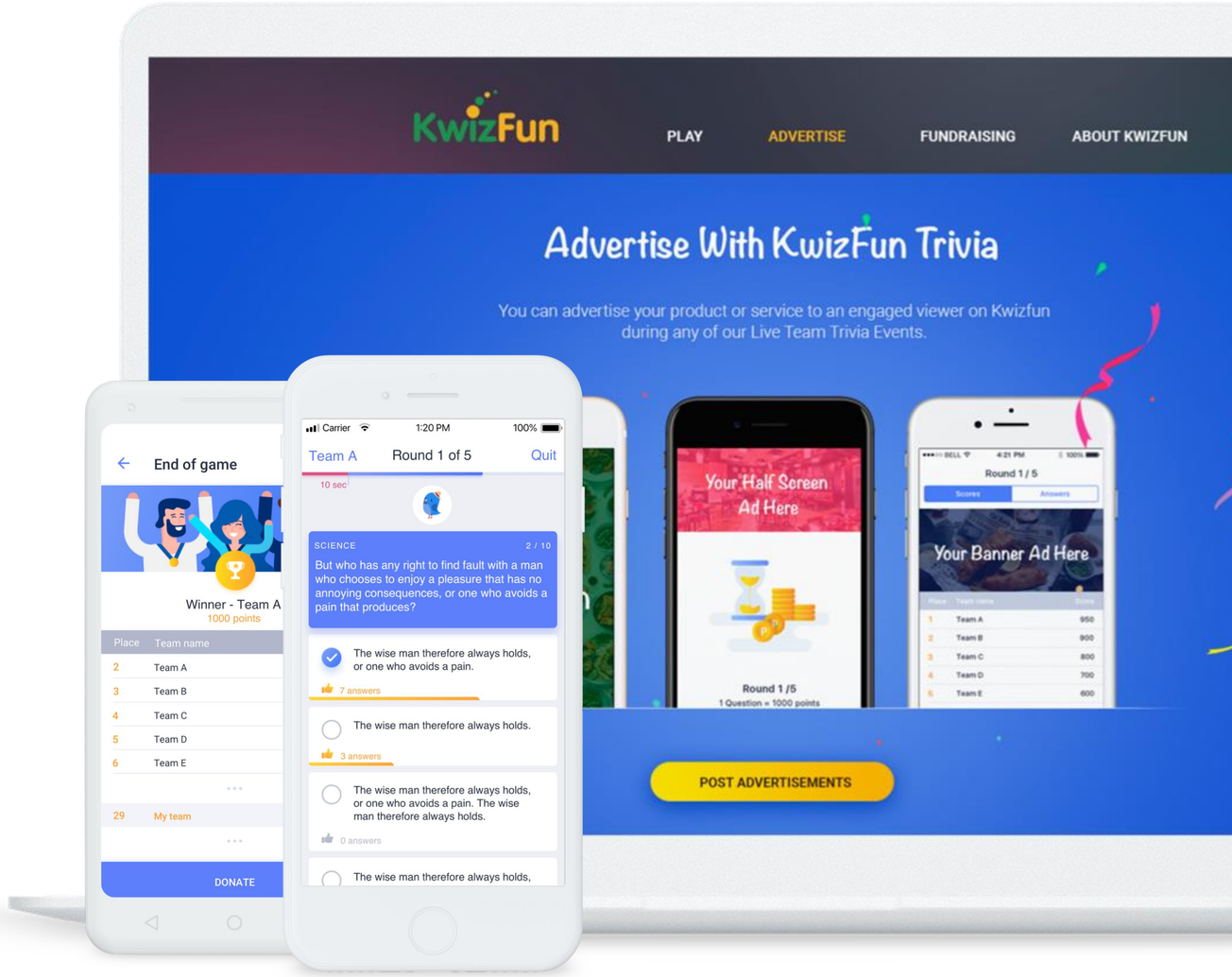
KwizFun is a fun way to play team trivia against other teams and players. Questions are displayed in “rounds” and players are given a specific amount of time to answer.

Challenges

Kwizfun is a real-time multiplayer trivia app for mobile platforms. It is a fun and socially engaging application where competing teams answer questions on their smartphones, in a 'trivia night' format.

Technologies / Services used in project

- PHP 7
- Android SDK
- SWIFT
- Bootstrap
- jQuery



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PocketBook

Coreteka
software development company

About

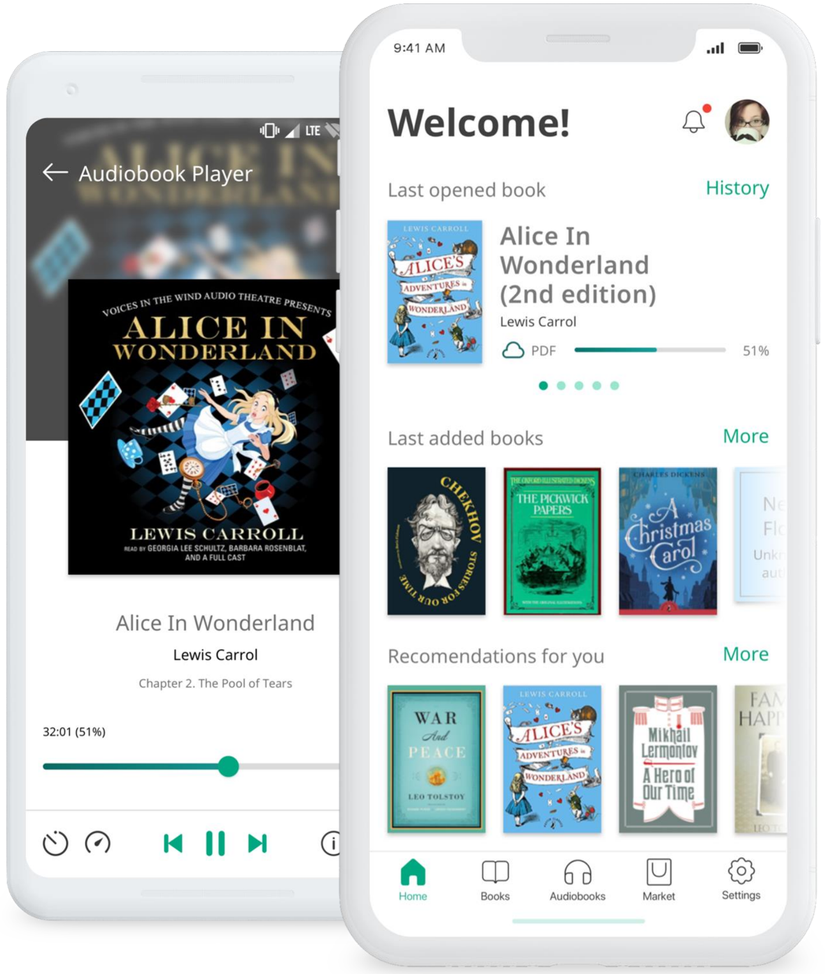
PocketBook reader is a super comfortable ebook reading app from one of the world’s leading experts in e-reading.

Challenges

This application allows customers to find any book from the online store of the Android and iOS platforms and not only read them but also listen to the recording text. Creating a user-friendly interface, renew the main screen, add new options (recommendations, statistics).

Technologies / Services used in project

- Android SDK
- SWIFT



PsyQuation

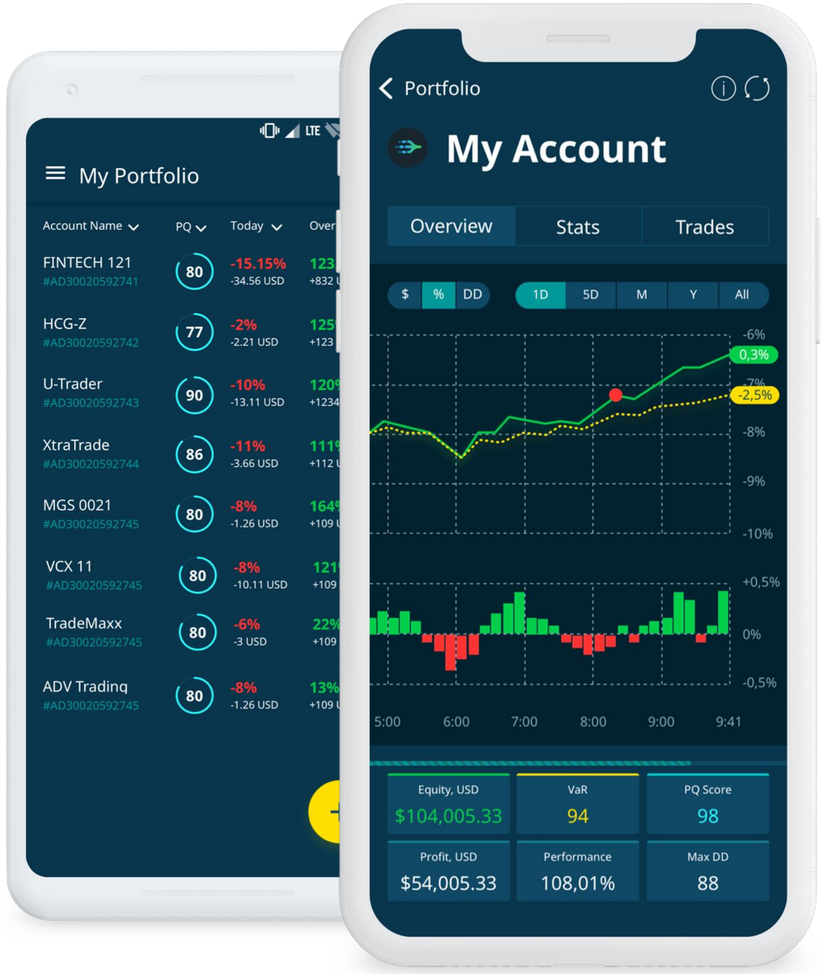
[Coreteka]
software development company

About

PsyQuation is an Australian Financial Technology platform. Quantitative and behavioral tool for stock and forex traders as well as business intelligence for brokers CRM.

Challenges

PsyQuation analytics provides users with an opinion and research-based advice: continuously update and learn as more data as fed into the ecosystem, app provides an intraday equity curve from inception, users of the platform with a Score highlighting a traders Skill component, traders with capital allocations based on sustainable talent, mentorship and coaching program uses its software to measure behavioural change.



Technologies / Services used in project

- React
- React Native
- Redux
- Babel
- Axios
- Moment
- Sketch

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АВТО ЦЕНТР

[Coreteka]
software development company

About

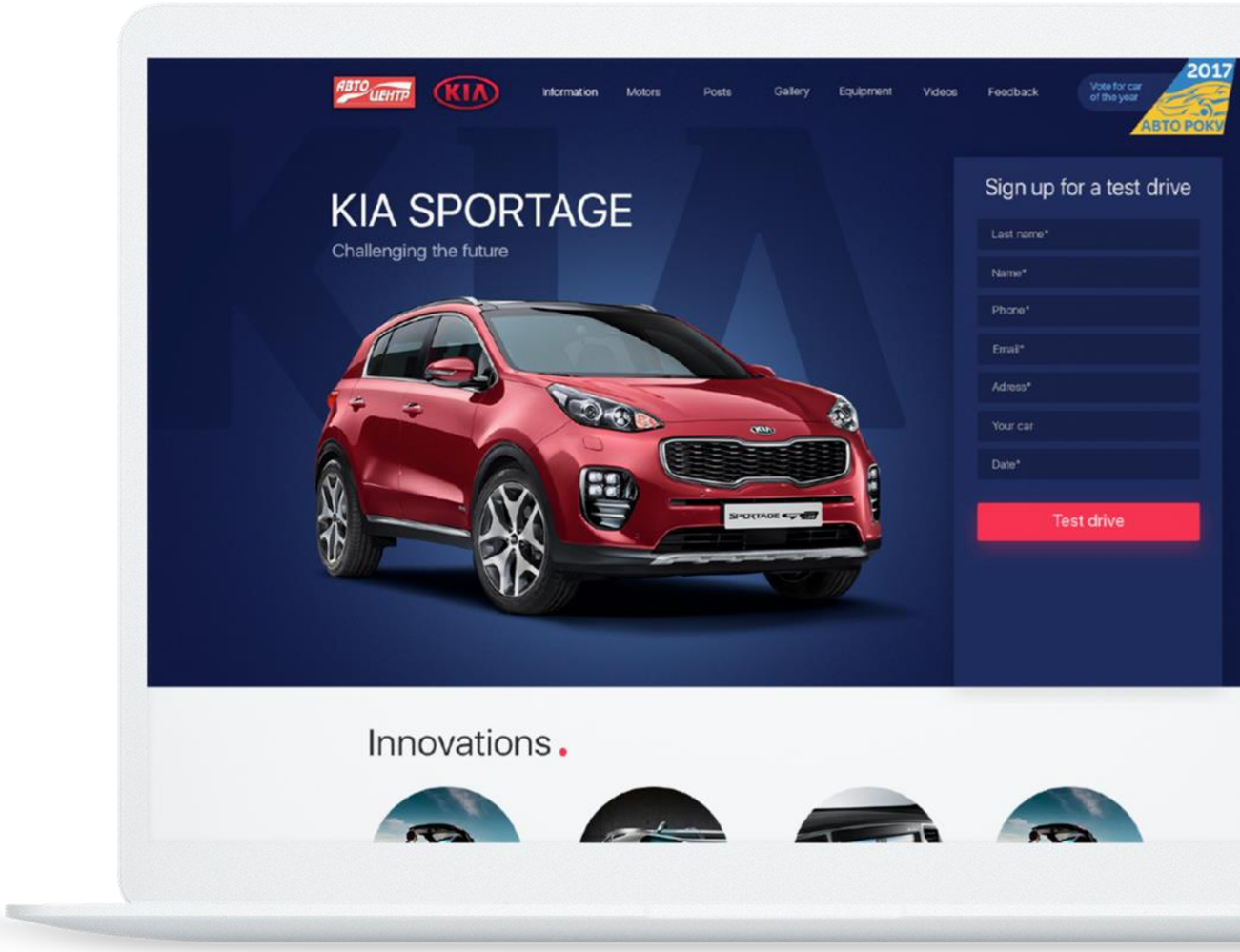
Landing page of new KIA Sportage review including specifications, technical features and an application form to pass the test-drive.

Challenges

A landing page designed to keep in a better understanding of Kia Sportage index TV-Show, that took part in Ukraine in September 2017. Our design task was to create a modern stylish and visually appalling landing page built around the Kia Sportage and its features.

Technologies / Services used in project

- Fancybox
- jQuery
- html5shlv
- BPM online
- Google analytics



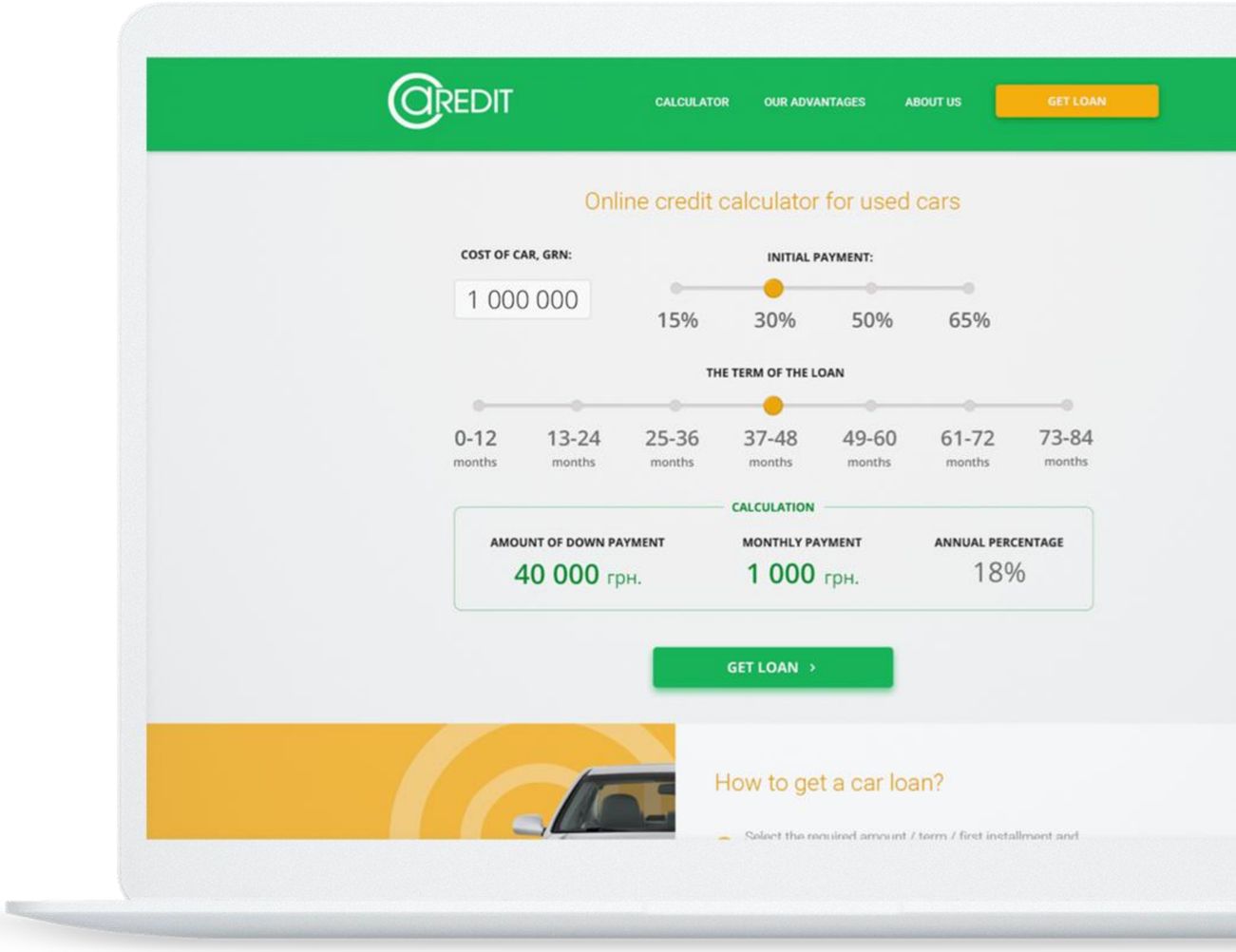
About

Car loan calculator that helps to choose the best Bank Car Loan Program.

Challenges

Developing an online credit calculator for a used car with regulated parameters (initial payment, term of the loan) and calculations (amount of down payment, monthly payment, annual percentage)

Website UX/UI design for the company that works in the used cars market. We had to create visually appealing and easy to use and navigate site within corporates standards. We have implemented the market practices to design a user-friendly but functional particular car page.



Technologies / Services used in project

- Sketch
- Java 8
- Fancybox
- jQuery
- html5shlv

Design

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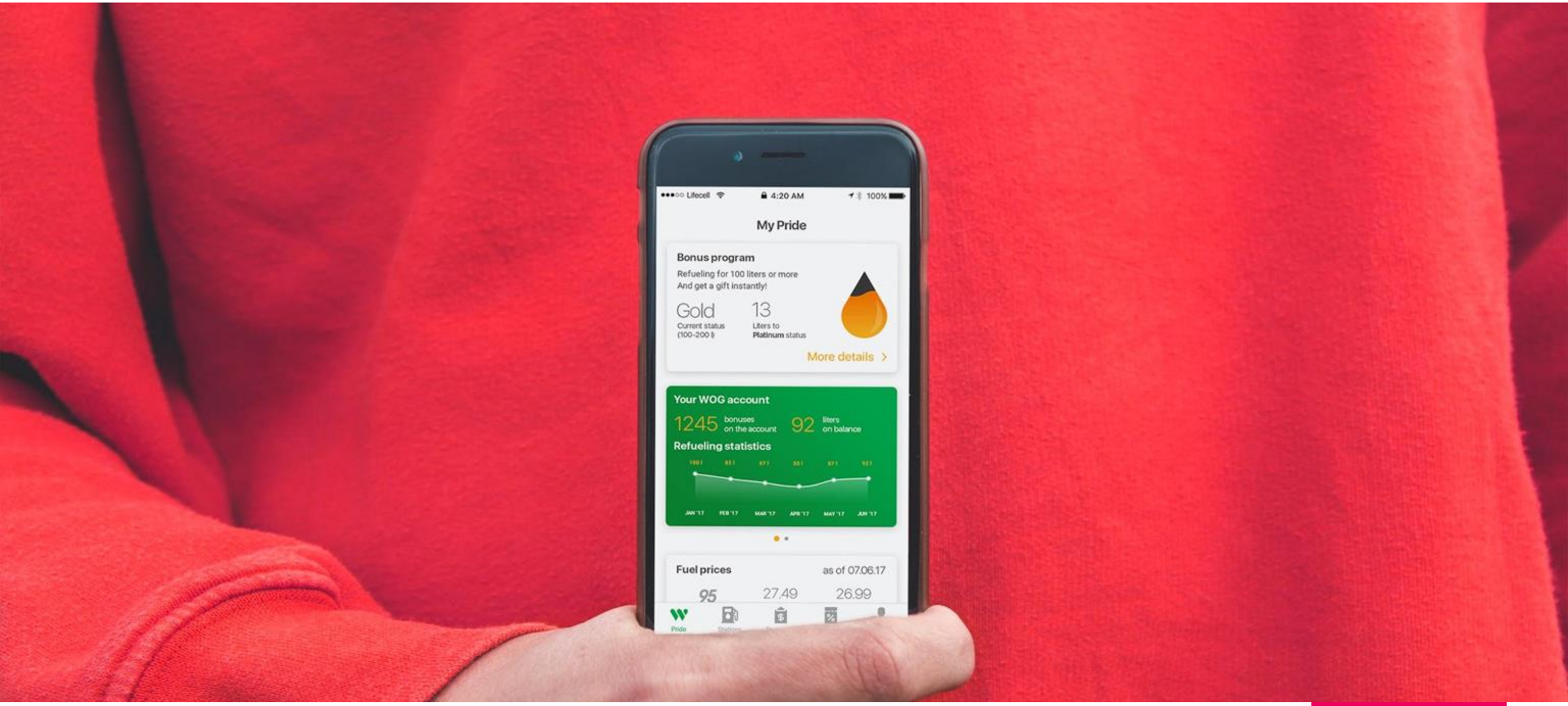


Carsharing service

[Coreteka]
software development company

About

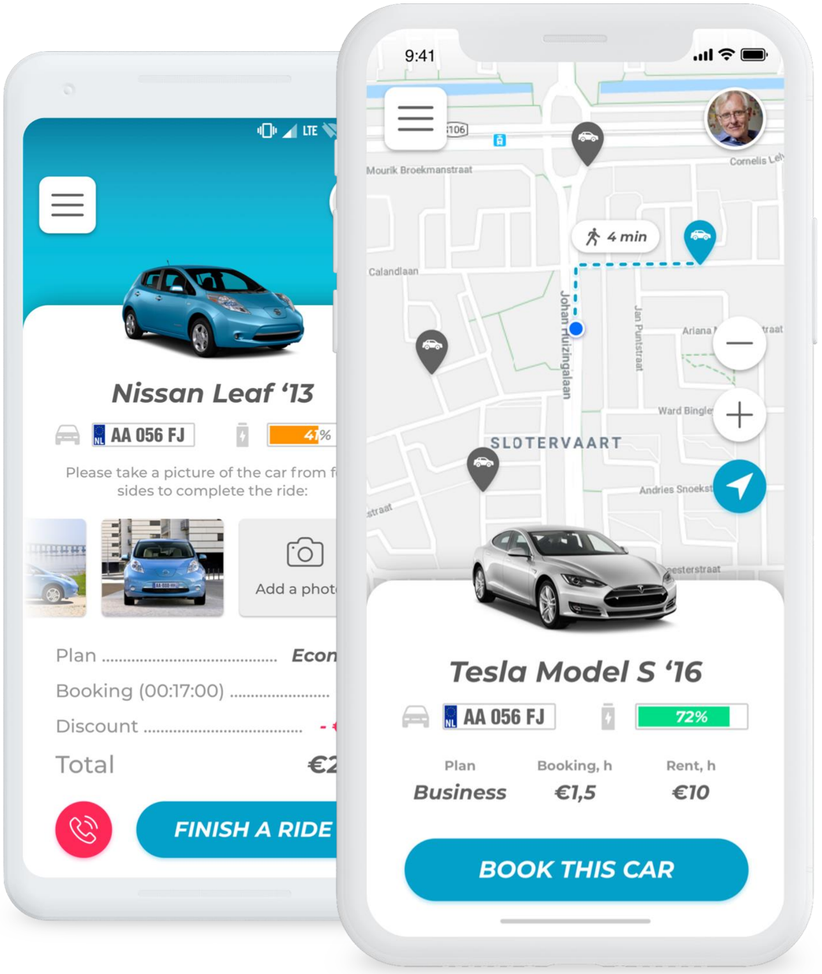
Developing design of car rental service where people rent cars for short periods of time, often by the hour.

Challenges

Creating a user-friendly interface which contains all necessary information: car model, photos, booking time, costs, map with a car location, booking form.

Technologies / Services used in project

- Balsamiq
- Sketch
- Invision



WOG

[Coreteka]
software development company

About

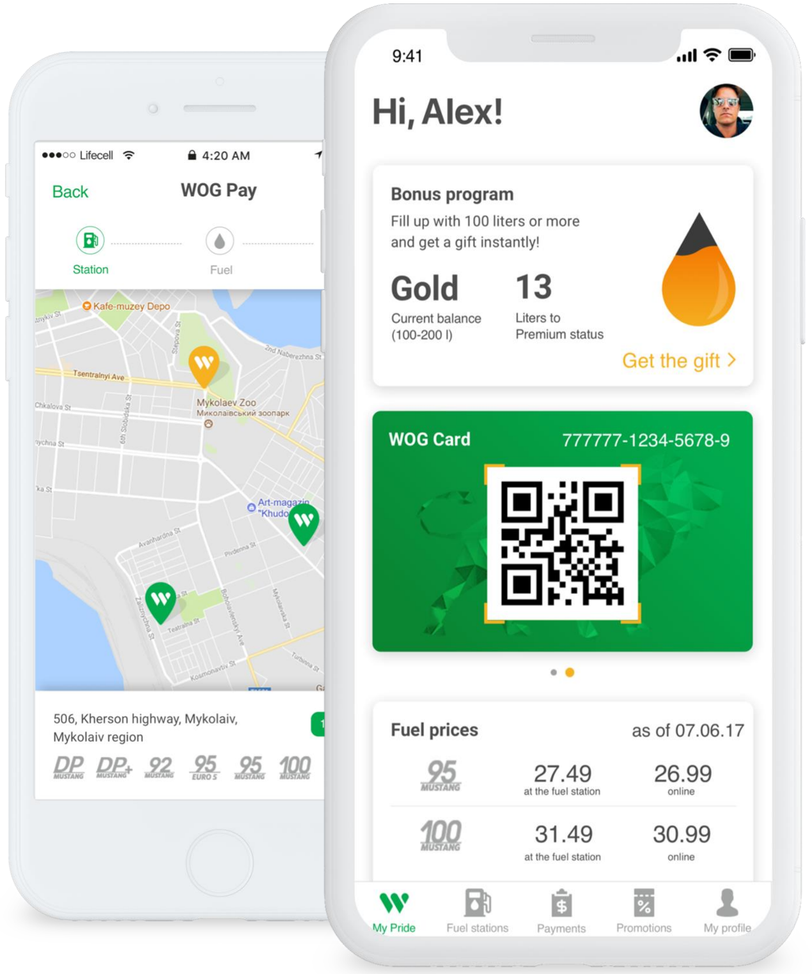
New mobile application design for fuel stations ‘WOG’.

Challenges

We have developed the design of the app in accordance with the iOS 11 guidelines in order to make it modern, stylish and useful.

Technologies / Services used in project

- Draw.io
- Sketch
- Adobe Illustrator
- Invision



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Fishka

[Coreteka]
software development company

About

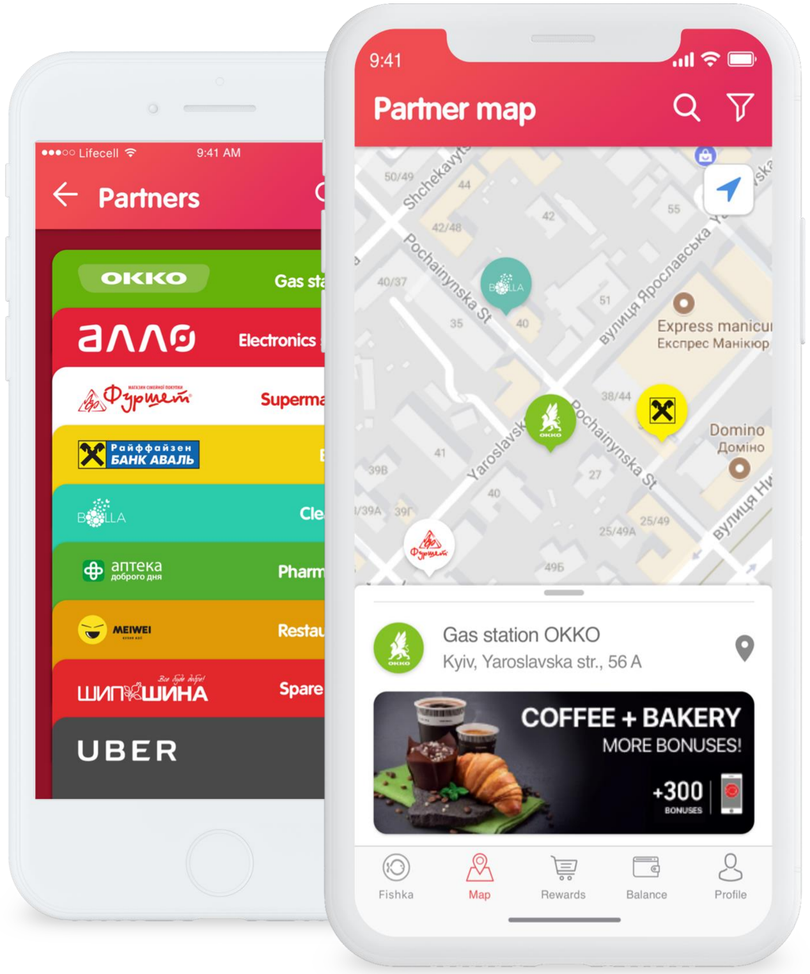
The prototype was developed for the coalition loyalty program "Fishka" that encompasses the representatives of different businesses.

Challenges

Our task was to develop a new concept design of loyalty mobile app for drivers. We took into account the imperfections of the current version and try to make a new app design more user-friendly and easier, by re-thinking existing functions and adding new ones.

Technologies / Services used in project

- Draw.io
- Sketch
- Adobe Illustrator
- Invision



Evnts

[Coreteka]
software development company

About

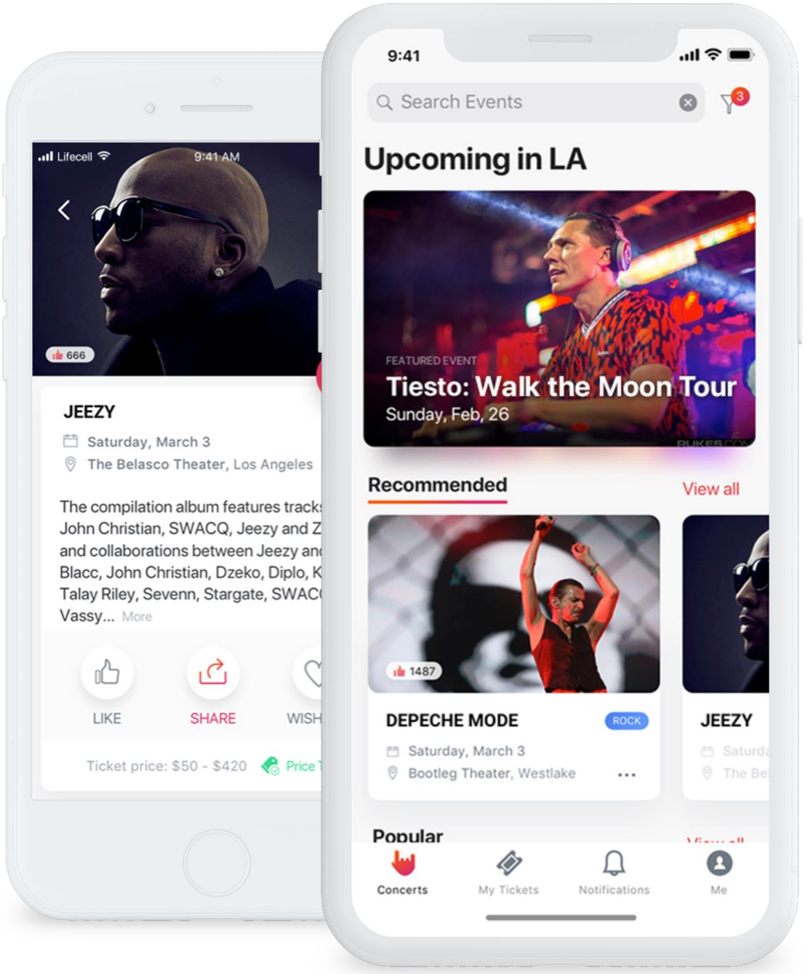
Events App is the service for ordering tickets that accompanies a user from the first interaction with a poster of the event to the last word of its post-release.

Challenges

Developed an application with information about artists, events schedule, personal account, notifications, etc.

Technologies / Services used in project

- Draw.io
- Sketch
- Adobe Illustrator
- Invision



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Your Market

[Coreteka]
software development company

About

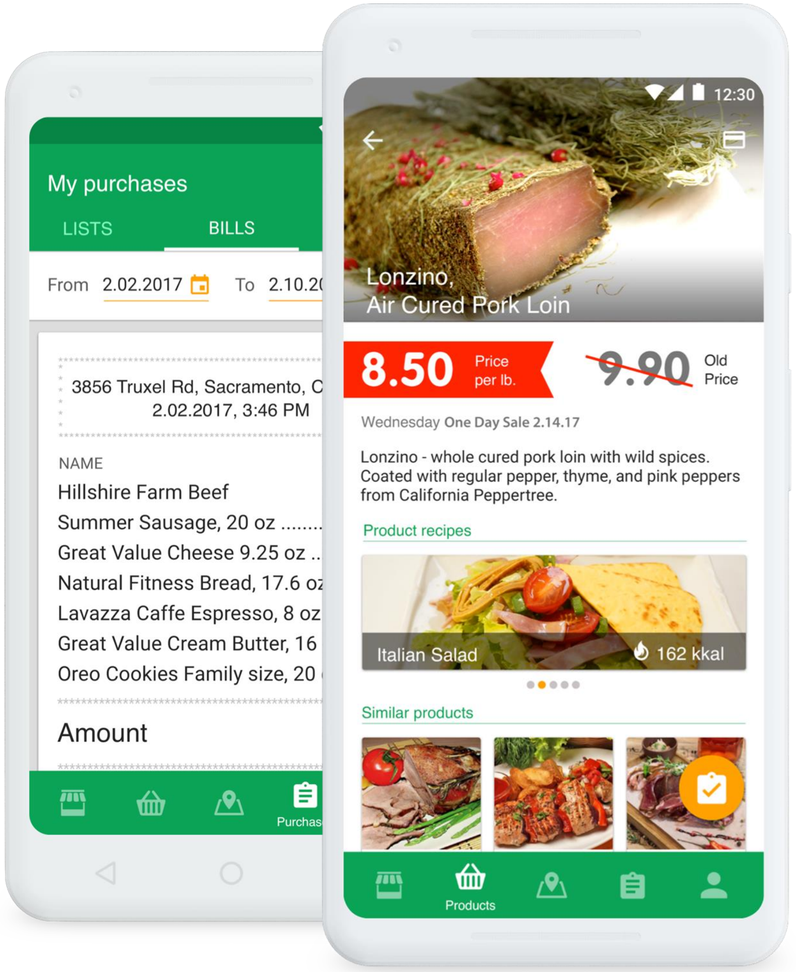
Loyalty Mobile App for large retail chain with receipt tracking function.

Challenges

This application was created for the customers of retail stores so that they can order online any product from the list, and monitor the trajectory of their courier.

Technologies / Services used in project

- Draw.io
- Adobe Photoshop
- Adobe Illustrator
- Invision



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BEER MATE

[Coreteka]
software development company

About

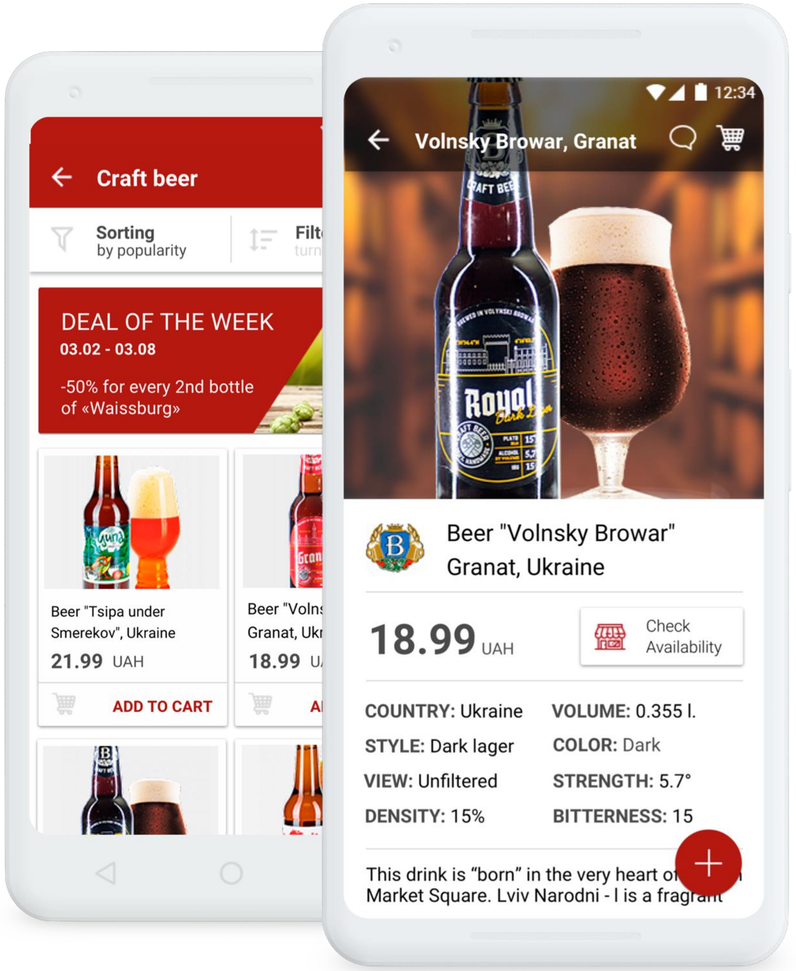
Mobile application for the network of stores of craft beer and snacks.

Challenges

Developing a modern, convenient application which can help to make online purchases, receiving notifications about promotions and sales. The app also replaces a discount card and shows the number of accumulated points in the loyalty program.

Technologies / Services used in project

- Draw.io
- Adobe Photoshop
- Adobe Illustrator
- Invision



INTERSHOES

[Coreteka]
software development company

About

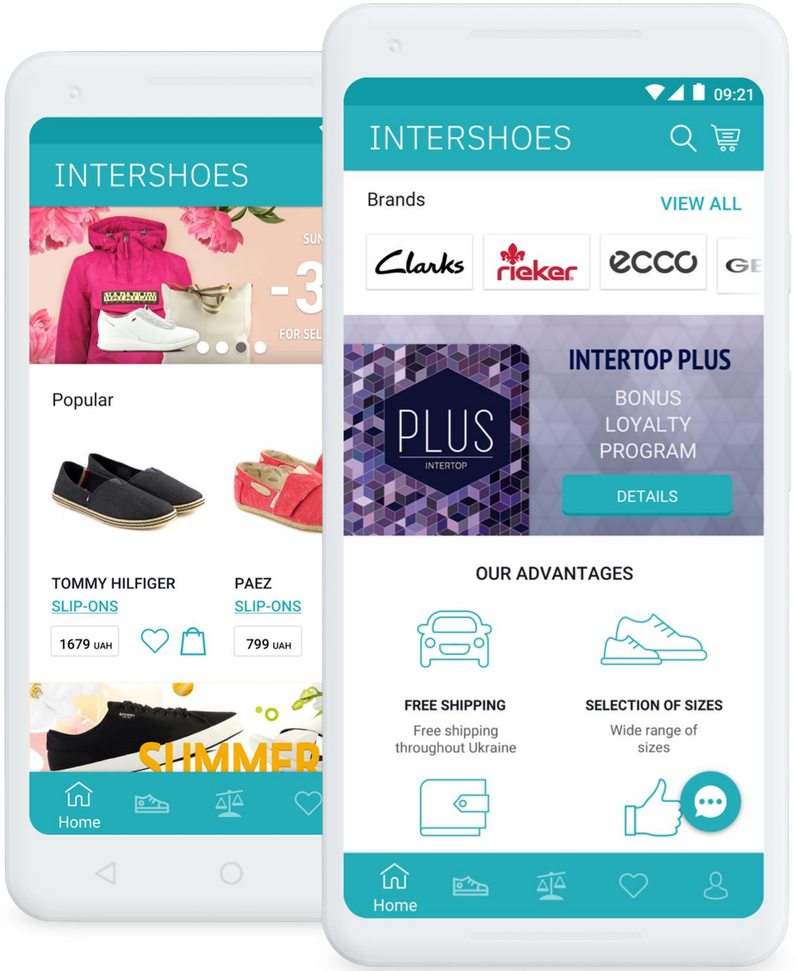
E-commerce & loyalty mobile application for Shoes, Clothing & Accessories Stores.

Challenges

Due to this application, customers can order, book any pair of shoes from the list, as well as receive various bonuses and discounts.

Technologies / Services used in project

- Draw.io
- Adobe Photoshop
- Adobe Illustrator
- Invision



Gmoji

[Coreteka]
software development company

About

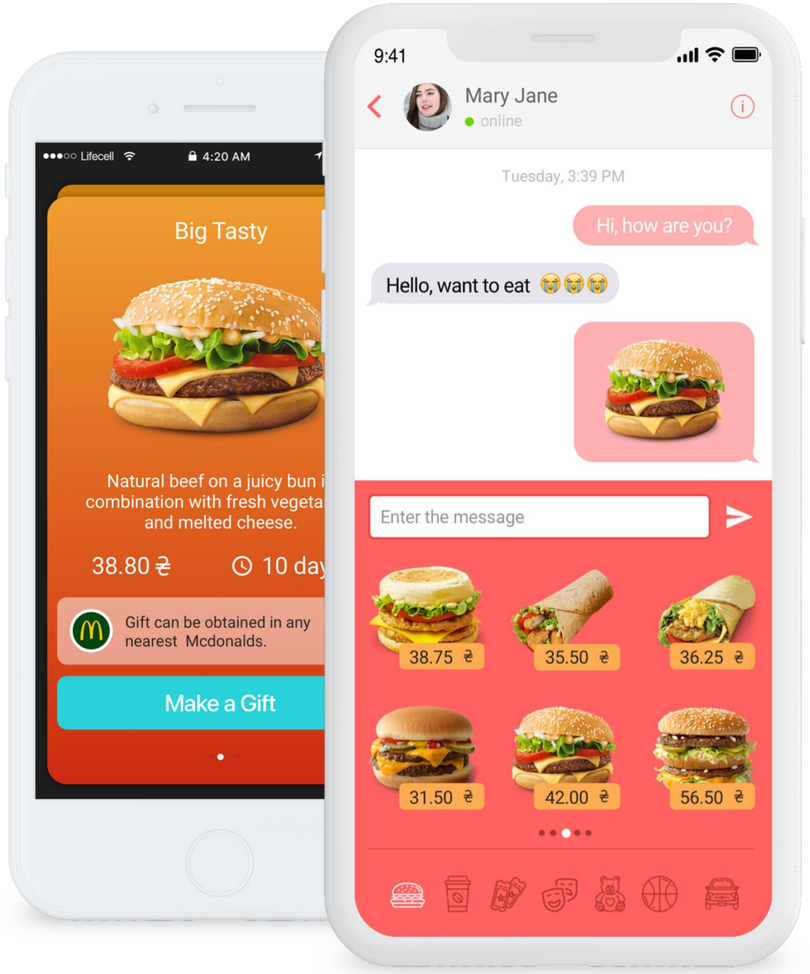
Gmoji is a mobile app that allows user to send gifts & presents immediately via messengers, social networks, email or SMS.

Challenges

Recipients will get a sticker with the link. which another user can exchange on a real gift in one of the suggested places. User can also buy a gift for themselves.

Technologies / Services used in project

- Draw.io
- Adobe Photoshop
- Adobe Illustrator
- Invision



Technology & tools stack

[Coreteka]
software development company

Design

Sketch

Zeplin

Invision

Draw.io

Figma

Adobe CC

Mobile

Objective C

Swift

Java

Kotlin

React Native

Firebase

Front-end

HTML5 & CSS3

Angular 2-5

React.js

Vue.js

Bootstrap

Element UI

Back-end

Java

Node.js

PHP (Laravel, YII)

MySQL

MongoDB

PostgreSQL

Who we are

[Coreteka]
software development company

CoreTeka is a team of highly experienced software developers and marketing experts focused on consulting, development and implementation of innovations in retail industry, transportation and agriculture business.

Alex Isachenko
CEO, Managing partner

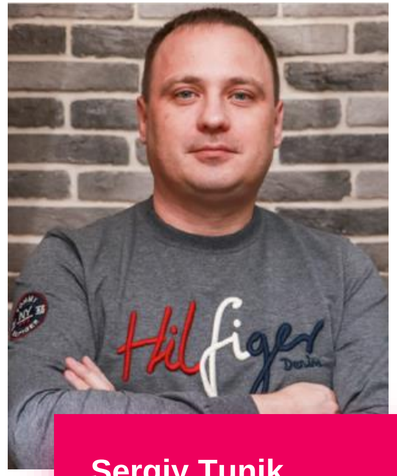
in

Alex Mozoliuk
Creative Director,
Managing partner

in

Andriy Bespalov
Business Development
Director

in



Sergiy Tunik
Head of Production

in

70+

High level specialists

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Our team

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Mobile development

- Swift
- Kotlin
- Java
- Objective C
- React Native

Web development

- PHP (YII2/Laravel)
- Java
- HTML5 and CSS3
- React
- Angular
- RESTFull API

UI/UX design

- Mobile apps design
- Web-design
- Sketch
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Invision and Sympli

QA testing

- Automatic testing
- Manual testing
- Bug reporting
- Functional testing
- UI/UX testing
- Mobile testing
- Cross-browser testing
- Test planning and cases

Management & marketing

- Business analytics
- Project management
- Team management
- Agile & SCRUM project management
- JIRA and Confluence

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Project team

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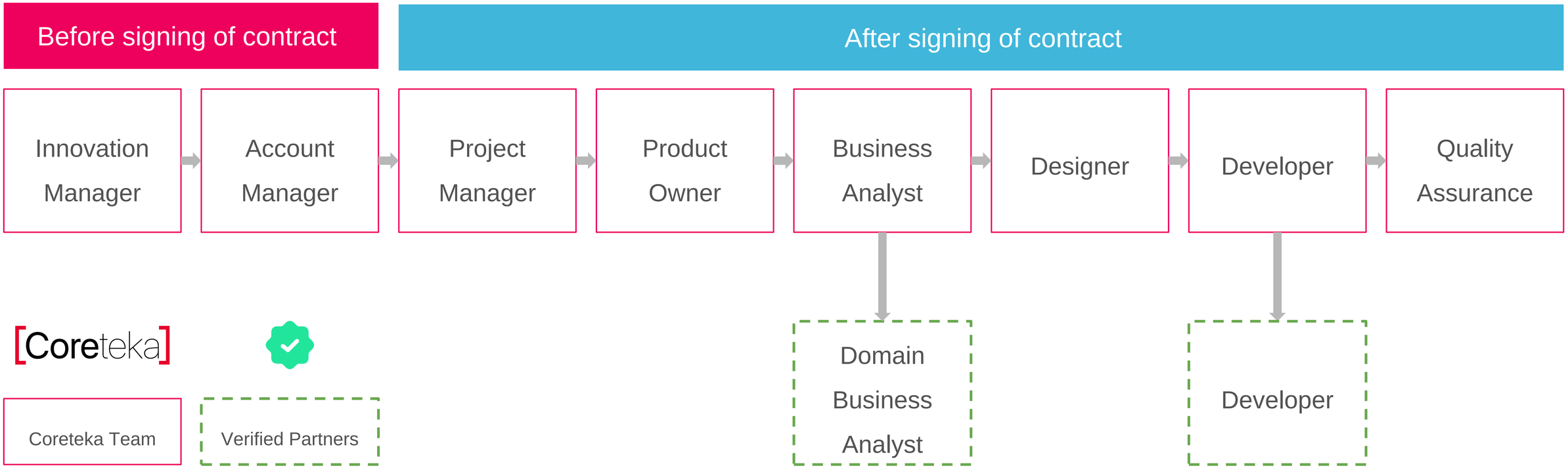
We create a team for the project based on client's needs. In case if our in-house team doesn't have the needed specialists, we hire a new one or engage him from our Verified Partners.



Ukrainian Tech Industry

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Companies

20% of the world leading companies have offices based in Ukraine

Microsoft

HUAWEI

SAMSUNG

WARGAMING.NET
LET'S BATTLE

Statistics

184 700
software developers

$290M
startup investments in 2018

4000
tech companies

2d largest
export of services industry

100+
Fortune 500 companies have chosen Ukrainian IT services

R&D centres

110+
R&D services in Ukraine

USA is the largest R&D partner of **45%** of the companies

BOEING

Playtika

ring

Global market

1st
place in Europe in terms of the volume of IT service exports

24th
place among the 55 most attractive countries

11th
place in the top 50 world's developers

7th
place in the world in terms of quality and efficiency of the freelance workforce

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Let us know how we can help

innovation@coreteka.com