



**UI UX design services  
for web, mobile, SaaS, and  
enterprise products.**

**Timspark**



# What is Timspark

A custom software development boutique with a special business model that ignites and fosters full-fledged development teams and inspires every engineer to deliver outstanding results.



**Core Teams**



**Understanding of industry & business domain**



**High-quality teams with a proven expertise**



**Teams are highly motivated**



**Accountability and ownership within the teams**

# Quick facts

30+

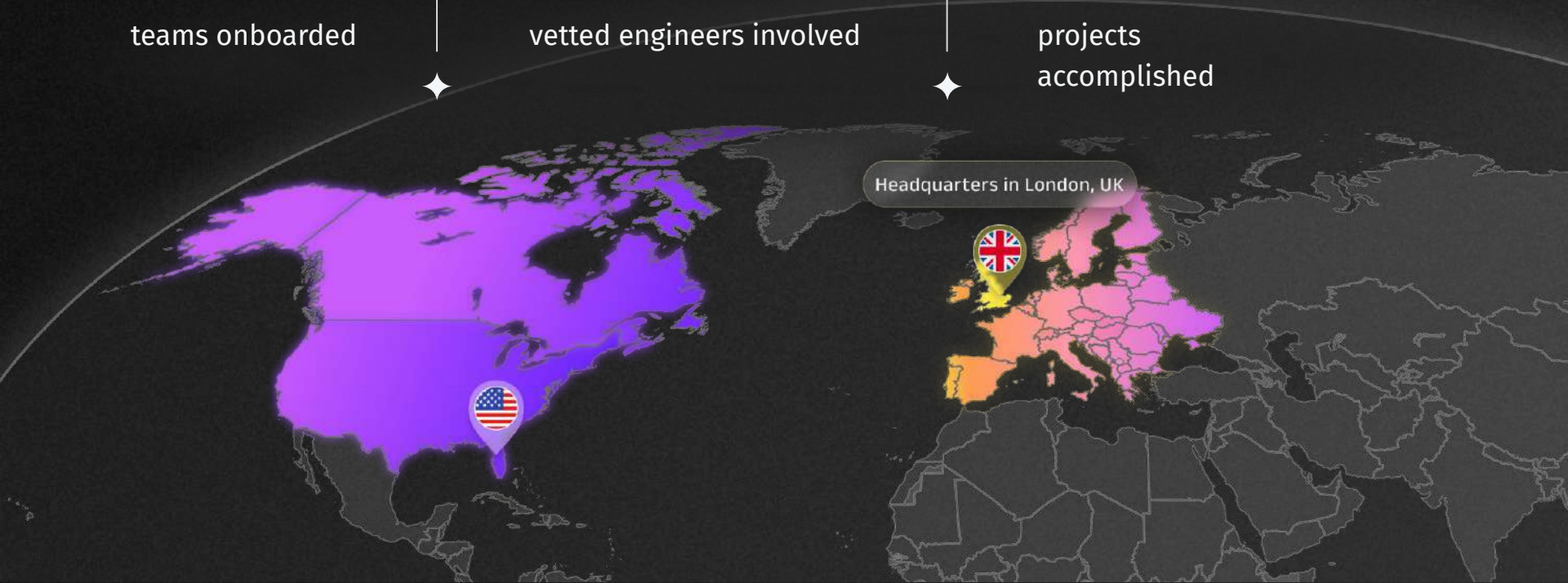
teams onboarded

1000+

vetted engineers involved

800+

projects accomplished



Headquarters in London, UK

# Key information

Certified development centers in

**Poland, Lithuania, Georgia**

Headquarters in

**London, UK**



Global 200+ client base covering following industries:

Finance

Banking

Healthcare

eCommerce

Education

Logistics

Transportation

Manufacturing

# Industry verticals



Finance, banking and insurance



Logistics, supply chain and transportation



Architecture, construction and real estate



Healthcare and life sciences



Tourism and hospitality



Energy, oil and gas



eCommerce and retail



Media and entertainment



Public services and utilities



Education



Telecommunications



Agriculture



Manufacturing



Business management



Art and culture



Automotive



HR and recruiting



Ecology



# Our services

Timspark provides professional services around **bespoke software**:



## Full-cycle product development

- ◆ We deliver a premium market-ready product that meets your customers' needs, from conceptualization to the design phase to final production and launch.



## IT-Consulting

- ◆ With our technology audit and consulting expertise, we offer holistic guidance, identify areas for improvement, and develop effective strategies to meet your business needs.



# How you can work with us

We are flexible. At Timspark, we offer different engagement models, from full-fledged teams to staff augmentation, to help you achieve your current business needs.



## Team augmentation

Skilled engineers to enhance your in-house team



## Dedicated teams

Development units built specifically for your project



## Core Teams

Pre-built development teams with deep expertise

# Application for safe driving

✔ Completed project

🕒 3,840 hours

🚚 Transportation and Logistics

## CHALLENGE

Develop a solution for improving the users' driving behavior and a testable, scalable architecture for this app.

## SOLUTION

The team built the application from scratch, connecting third-party SDK with the client's API data source. Thus it became feasible for the SDK to provide all the data to estimate users' behavior and send them recommendations for more safe, ecological, and less distracted driving.

Adding gamification made the app more interactive and user-friendly. Following the principle that says, 'Responsible driving deserves to be rewarded', the app rewards the users with points for following the instructions. Users can also take part in the rating to get the highest scores and later spend the points on discounts and coupons in stores and online platforms.

## HIGHLIGHTS ✦

The team built the app from scratch, based on the previous app version with its code base, UI / UX, and user feedback.

\* The image is illustrative. Project details cannot be disclosed due to the conditions of NDA between the Development Team and the Customer.



TECHNOLOGIES

 Kotlin

Native Android



Java



Swift

Native iOS



Objective-C

# Entertainment multi-functional super app

✔ Completed project

🕒 17,280 hours

Media and Entertainment

Social networks

## CHALLENGE

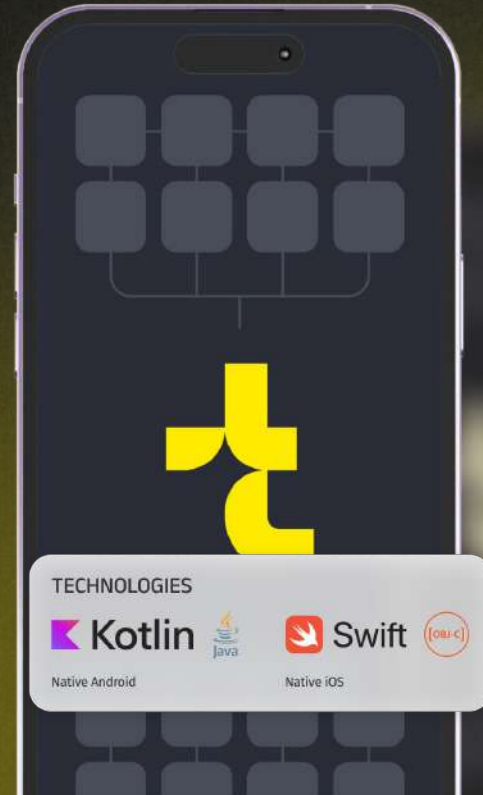
Create a super app as a one-stop solution for users' communication and entertainment.

## SOLUTION

Our team developed a comprehensive platform that offers an ecosystem of mini-apps within one mobile interface. The unique user experience is achieved by such features as archiving, deleting, adding to favorites.

Furthermore, users can make audio and video calls, as well as stream content within the mini chat. The integrated audio player enables users to listen to their favorite music or podcasts while chatting with friends or browsing the feed. The feed, in turn, provides users with a centralized place to access and discover exciting content shared by their contacts. Additionally, the platform has several mini-games that users can play while taking a break from their busy lives. Overall, our platform aims to provide a and entertainment needs.

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# Tax payment application

BANKING

TAXES

## CHALLENGE

The first-of-its-kind app integrated with the largest bank allows self-employed people to control and pay their taxes.

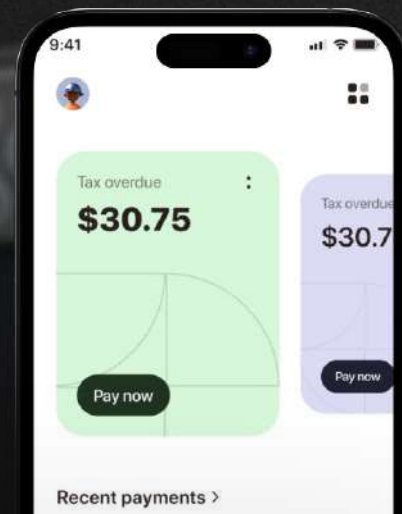
## SOLUTION

The solution provides interaction between self-employed people and the Federal Tax Service online, without requiring a personal visit to the tax office.

Our QA team joined the project 2 months before the release, with the main task to meet all functional and non-functional requirements, achieve good usability scores, eliminate interface issues, and ensure robust security and performance.

We thoroughly tested and reviewed the entire system, and the last iteration was devoted to fixing priority defects and stabilizing the build for release.

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## QA TECHNOLOGIES AND TOOLS

Appium, Apptim, Stf, Firebase Performance Monitoring, Xcode Instruments, XCTest with measureBlocks, JMeter, Distributed Load Testing on AWS, Prometheus, Grafana.

# Loan management application

## BANKING

### CHALLENGE

Loan management solution to facilitate lending processes.

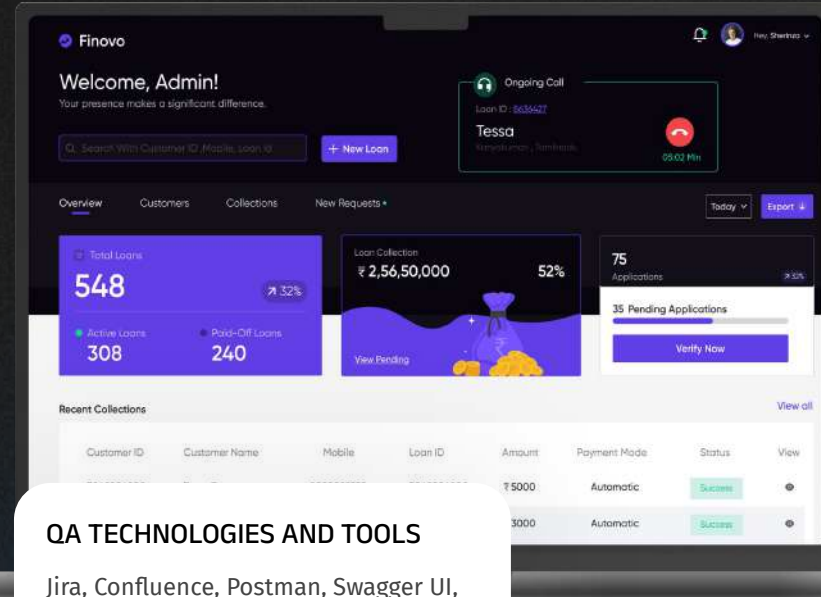
### SOLUTION

Timspark has taken over the landing platform development project. Our team has delivered a top-tier loan management system with rich functionality to facilitate lending processes.

Our engineers conducted functional testing in terms of business logic and UX, testing responsive design, web interface. Our company also analyzed and expanded the coverage of the Automation suite.

- API testing for rudimentary features in terms of protecting user data.
- Optimizing the Automation Suite Architecture
- Testing integrations with 3rd party services in the field of providing transaction history, KYC / KYB, credit history and rating, monitoring loan payments, doing business (ERP).

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### QA TECHNOLOGIES AND TOOLS

Jira, Confluence, Postman, Swagger UI, PostgreSQL, DevTools, Figma, DBeaver, TestRail.

# Website for smart dog collars

## E-COMMERCE

### CHALLENGE

Redesigning the website for dog smart collars promotion.

### SOLUTION

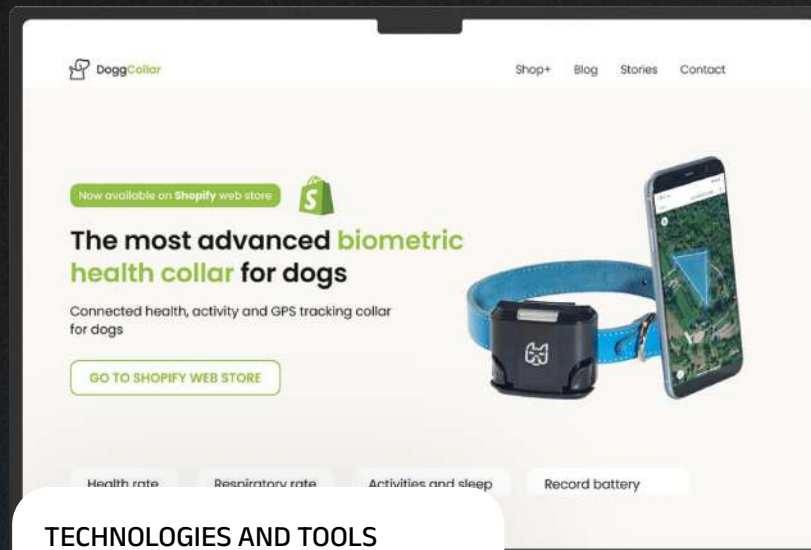
The goal of the project was to completely redevelop a website for dog smart collars promotion and integrate it with an already existing Shopify web store. Throughout the project, our dedicated software engineers were responsible for:

- UI/UX design;
- Registration panel;
- Customers gallery (with pictures of dogs wearing smart dog collars).

In turn, our QA team accomplished functional testing, UI testing, smoke testing, bug regression, documentation on the found bugs and checking

of the corrected bugs.

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### TECHNOLOGIES AND TOOLS

Web Server Apache 2.4, PHP 5.6, DB MySQL v5.5, CMS: WordPress 4.6, Bootstrap framework, jQuery, HTML5/CSS3, SASS, Gulp.

# Grocery delivery application

ECOMMERCE

DELIVERY

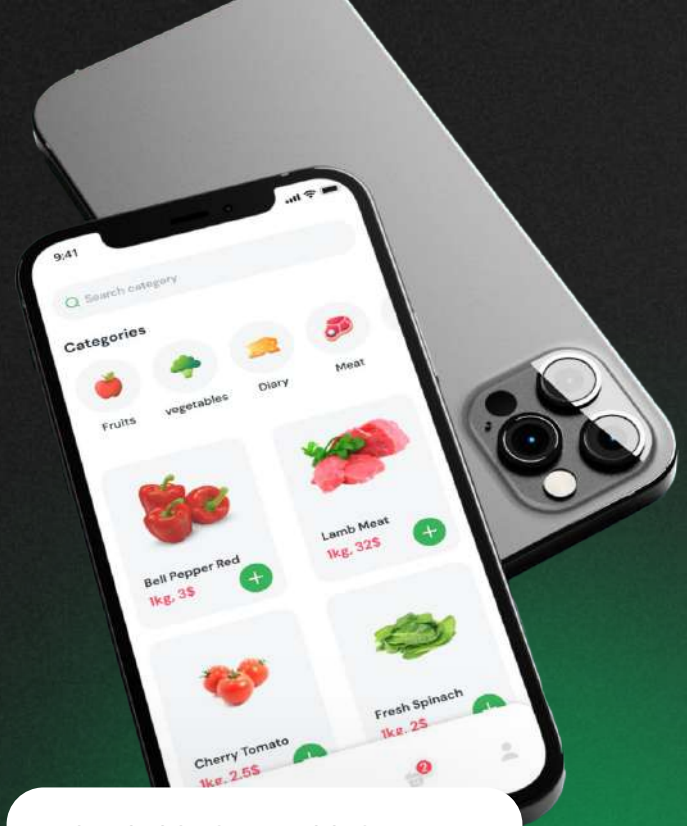
## CHALLENGE

Design a handy grocery delivery app for a huge supermarket chain.

## SOLUTION

Through the application, users can view, select, and order needed groceries to be delivered. Buyers are invited to pay for purchases online by bank card or cash to the courier. The application includes a huge catalog (around 25,000 items) of food, cosmetics and household chemicals with pictures and descriptions. There are multiple filter and search options.

The grocery delivery app is empowered with smart notifications on discounts, smart recommendation system, and cashback services. High performance, interactivity, thoughtful UI/UX design allow buyers to quickly and conveniently make purchases without leaving home.



## TECHNOLOGIES AND TOOLS

Android Studio 4.1.0+, Kotlin, MVP, Clean Architecture, Dagger, RxJava2, Google Play Services & Billing, Firebase, Hiya SDK, MParticle SDK, Multi-Modules.

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# Virtual Moto Racing for an amusement park

## SOLUTION

We developed a virtual reality game to simulate a motorcycle ride and give players the feeling of being in the race. The virtual motorcycle race is synchronized with the attraction, meaning that the program analyzes in-game events and triggers a response in the attraction accordingly. A user can actually feel riding on an uneven surface, climbing up on the rack, bumps from collisions with objects. To increase replayability, we implemented a number of game mechanics. Bots were developed to create a competition effect. VR optimization and UX work kept motion sickness to a minimum and made the user experience as realistic as possible.

## TECHNOLOGIES AND TOOLS

Unity, C# Photoshop, 3DStudio Max,  
3D-Coat HTC Vive, FuninVR (VR moto  
simulator).

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# Graphics and application development process



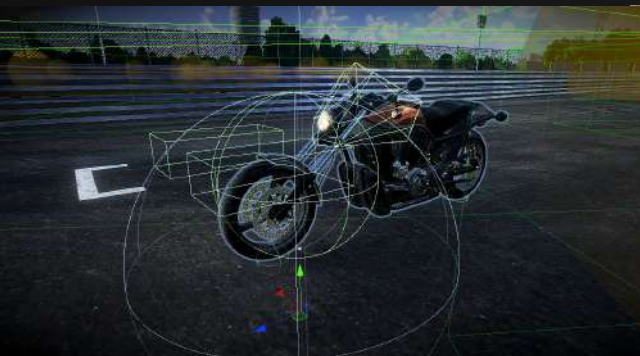
**1** Creation of the raceway



**2** Creation of the environment



**3** Design of motorcycles, creation and animation of characters



**4** Development of a motorcycle model in accordance with possibilities of the attraction



**5** The system of intuitive interaction with the motorcycle based on integrated equipment



**6** Development of rival bots for creating a competitive effect

# Online casino aggregator

GAMBLING

## CHALLENGE

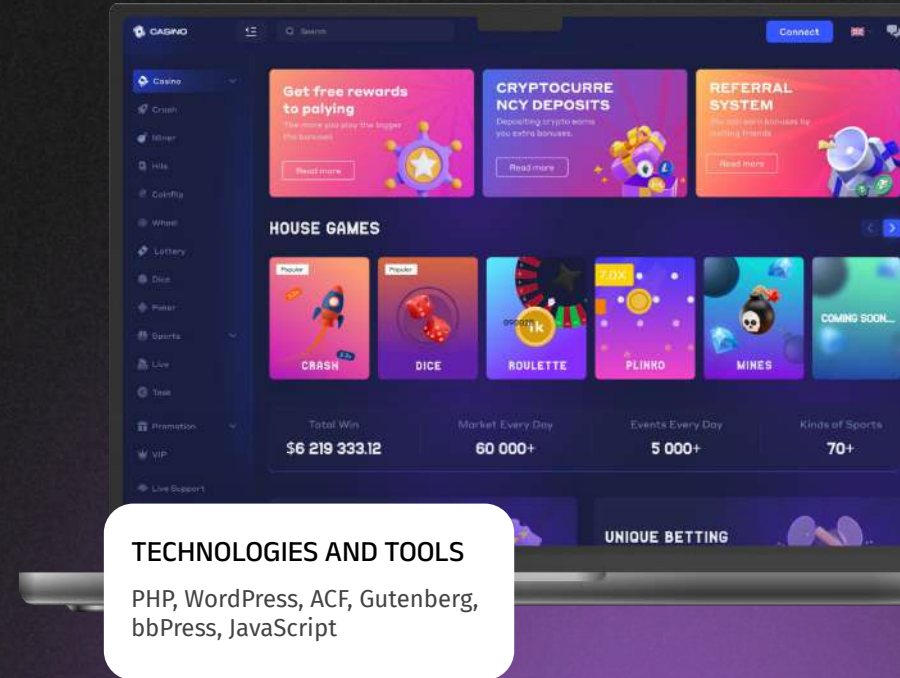
Create a sophisticated website to aggregate data from multiple online casino platforms.

## SOLUTION

Our client, a leading international gambling company, sought to enhance the online casino experience for users by creating a dynamic and informative website.

Therefore, Timsparck developed the aggregator to provide users with access to an extensive database of online casinos in the Japanese market. The gambling platform provides users with up-to-date information on online casinos, their diverse offerings, bonuses, and promotions. With its user-friendly interface, visitors can easily navigate and explore various casinos, selecting games based on user preferences, promotional offers, and terms and conditions.

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## TECHNOLOGIES AND TOOLS

PHP, WordPress, ACF, Gutenberg, bbPress, JavaScript

# Smart platform for sports betting

SPORTS

BETTING

## CHALLENGE

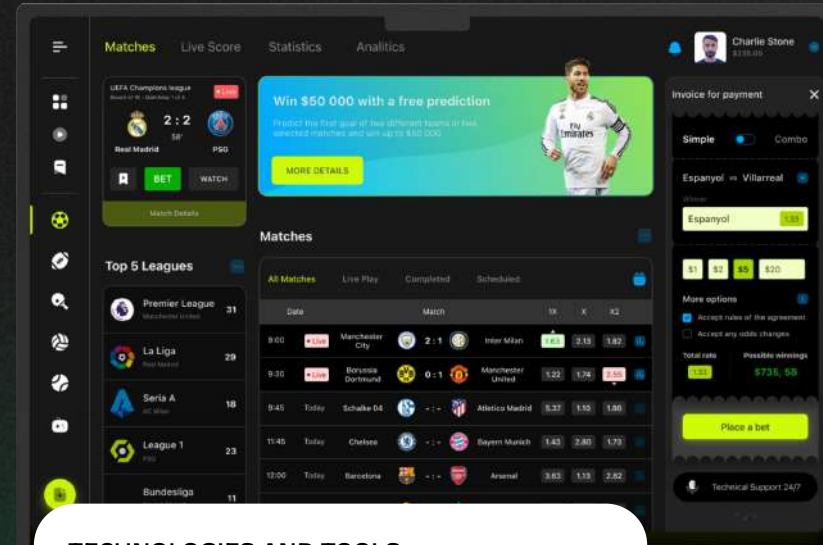
Develop a web platform for streamlined betting and expert sports forecasts.

## SOLUTION

Our goal was to enhance convenience, functionality, and rectify the existing solution. After our platform improvements, users can bet on sports with various payment options outcomes, handicaps, totals, scores, and individual totals. The updated application also tracks global sports events and facilitates user predictions.

Timspark enhanced the platform by adding real-time metric tracking, displaying match results, sports team statistics, and expert opinions. We integrated third-party betting services, set up seamless payment system interactions for instant transactions, and enabled bet registration with tax authorities.

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## TECHNOLOGIES AND TOOLS

PHP 7, PHP 7\*. Phalcon 3; Java Script; Firebase; WebSockets (Swoole), Elastic, Sphinx; React/Redux (Webpack, Rollup, Gulp), Sass (BEM), React Native (Android); AWS, Docker, Docker compose

# Citizen service platform

GOVERNMENT

## CHALLENGE

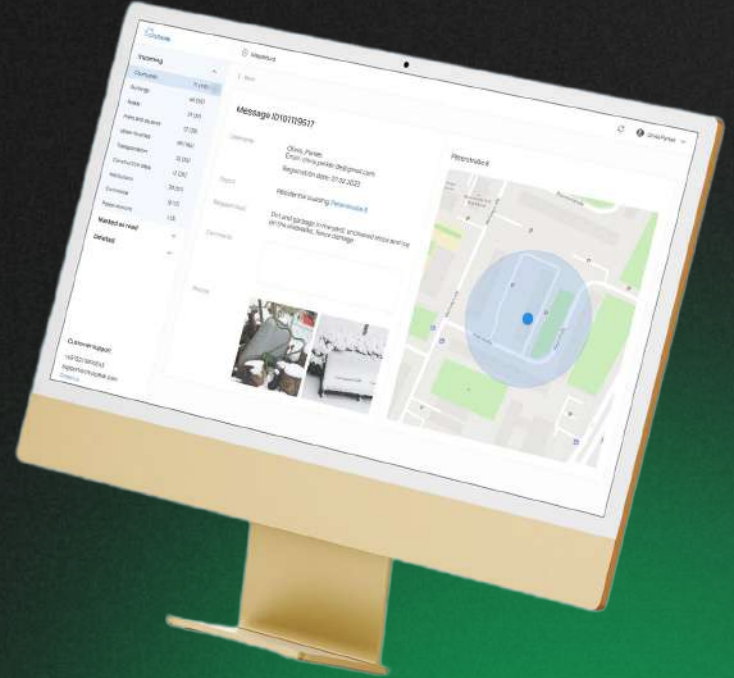
Develop an innovative app transforms public institution operations, enhancing efficiency and citizen service.

## SOLUTION

Institute for workplace accident insurance struggled with outdated paper-based processes, leading to disjointed communication and inefficiencies in case management.

Timspark developed an intuitive and accessible platform to schedule appointments with the institute's representatives remotely or in-person. The platform allowed citizens to submit appointment requests, provide relevant details about their case, and choose their preferred mode of appointment. The app has proven highly effective, enabling citizens to provide all necessary information in one go, reducing follow-up appointments, and increasing response speed for the institute. The app's success has paved the way for the replacement of physical paperwork with digital tools, modernizing how public institutions serve citizens.

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# Keen on exploring further?

Let's discuss your requirements and come up with a tailored solution!

At Timspark, we intend to bring value and competitive advantage to our clients. Our dedicated teams can help you achieve your goals and add value to your offerings.

## REACH OUT



**Sales Team**

[sales@timspark.com](mailto:sales@timspark.com)

