

Touch4IT

# Product Design & Software Engineering

# Touch4IT

## 10+

Years of Experience

## 300+

Delivered Projects



Google Cloud  
Partner

Officially Certified for  
Google Cloud Solutions



Certified Excellence in  
Quality and Security

## Clutch

5.0 ★★★★★

Trusted by Clients  
Worldwide

**Touch4IT**

# **Your One-Stop Shop for Custom Technology**

**Specializing in the Design and  
Development of Digital Products**

We elevate your business with our expertise in advanced technologies, including AR/VR, AI, BI, and custom software solutions.

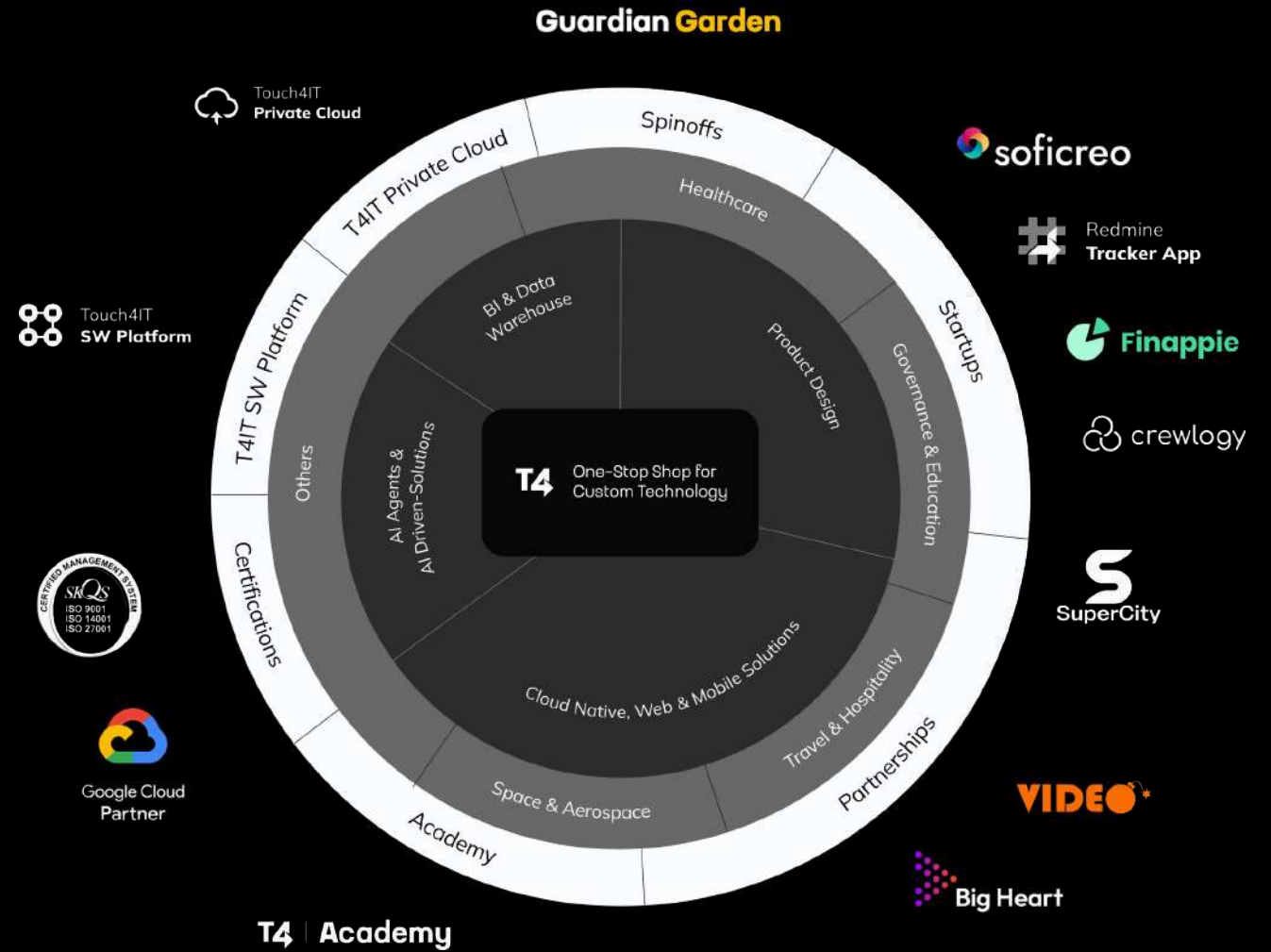
## Deep Specialization in Key Areas



## Empowering Industries Through Technology



Your Strategic Partner: Infrastructure, Expertise, and Partnerships



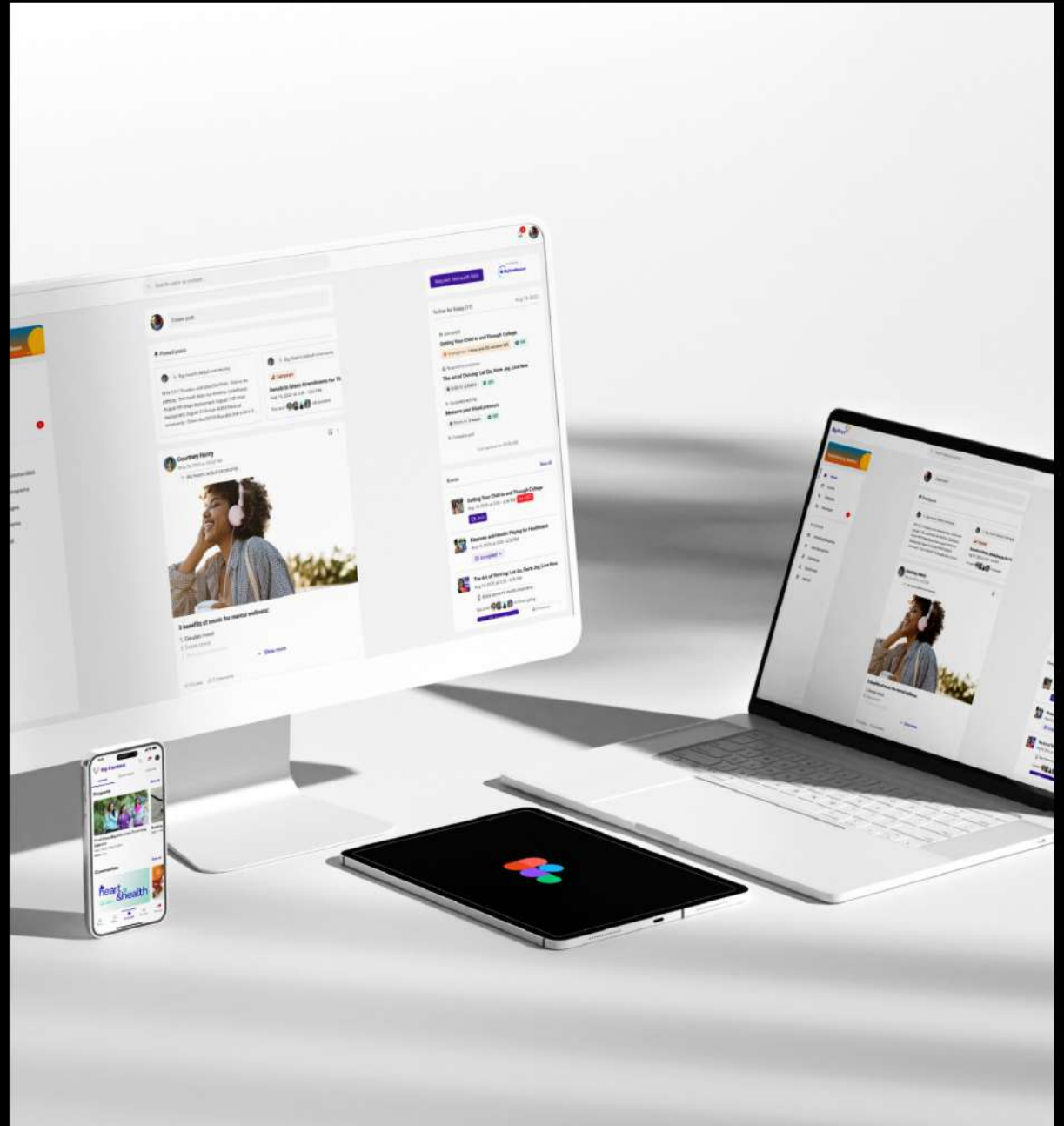


## OUR SERVICE

# Cloud-Native, Web & Mobile Solutions

We build scalable, AI-powered cloud and web solutions that save you time, lower costs, and drive growth. Our engaging mobile apps extend your reach to on-the-go customers, giving you a clear competitive edge.

- Consulting & Product Specification
- UX/UI Design & Prototyping
- Full Stack Development & DevOps
- Testing & Software Maintenance

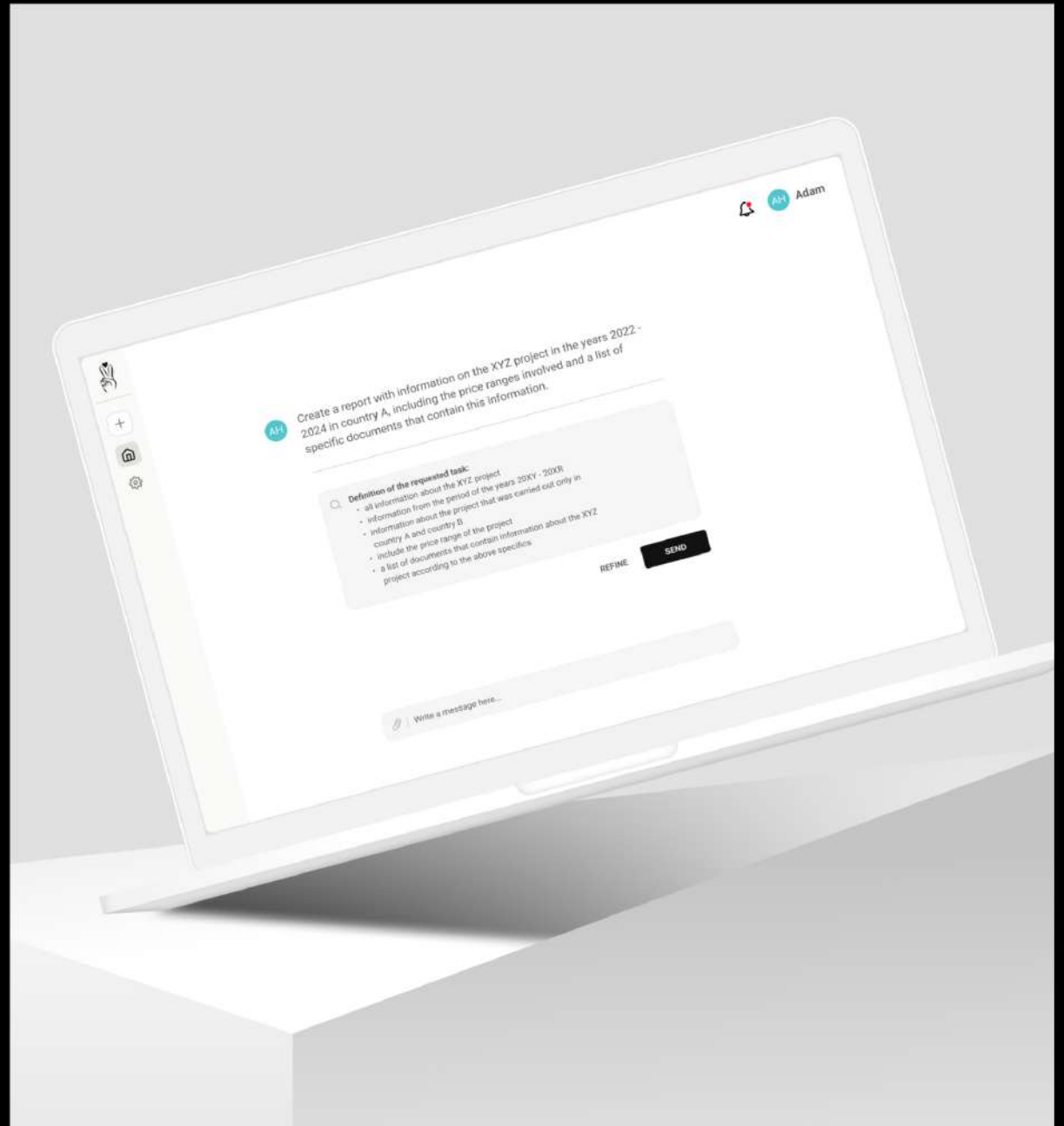


## OUR SERVICE

# AI Agents & AI-Driven Solutions

We use cutting-edge AI and machine learning to automate tasks, reduce manual work, and uncover new opportunities for growth. Our solutions speed up decision-making, cut costs, and create more flexible, responsive business processes.

- **Problem Identifying & Feasibility**
- **Data Preparation & Development**
- **Deployment & Integration**
- **Monitoring, Evaluation & Scaling**







## OUR SERVICE

# Business Intelligence & Data Warehouse

We consolidate data from all your sources into one place, giving you a complete view of your operations. Our interactive dashboards and predictive analytics reveal key insights, eliminate inefficiencies, and help you act on new opportunities fast.

- **Problem Identifying & Strategic Planning**
- **Data Collection, ETL & Data Warehouse**
- **Data Analysis**
- **Data Model Development**
- **BI Reporting Creation**
- **Performance Dashboard Creation**
- **Advanced Business Intelligence**



## OUR SERVICE

# Product Design

We create intuitive software experiences that delight users and reduce friction. Through research, prototyping, and testing, we make sure your product meets real customer needs—driving satisfaction and measurable business impact.

- UX/UI Design
- Prototyping
- UX Research
- Product Design
- Information Architecture (IA)
- Usability Testing



# Touch4IT

Our world-class team consists of experienced professionals who graduated from top universities focused on computer science, design, management; and have PhDs.

# 20+

**Years of Experience and Many Delivered Solutions to Hundreds of Clients in Many Industries.**



# Touch4IT

Our portfolio includes a variety of projects tailored for the American market, where we actively collaborate with local clients.

One of our developed software **platform powers over 600,000 users in the US**, driving exceptional engagement and results.

# 70%

Revenue From US



# Touch4IT

Our tech solutions empower clients to digitalize their business, enhance customer relationships, and deliver exceptional value—helping them stay ahead of the competition.

# Partnering With 30+ Leading Brands Across Industries



**Touch4IT**

# Case Studies



# Helping to Launch Satellites Into Space

Developed with the European Space Agency as Part of PECS

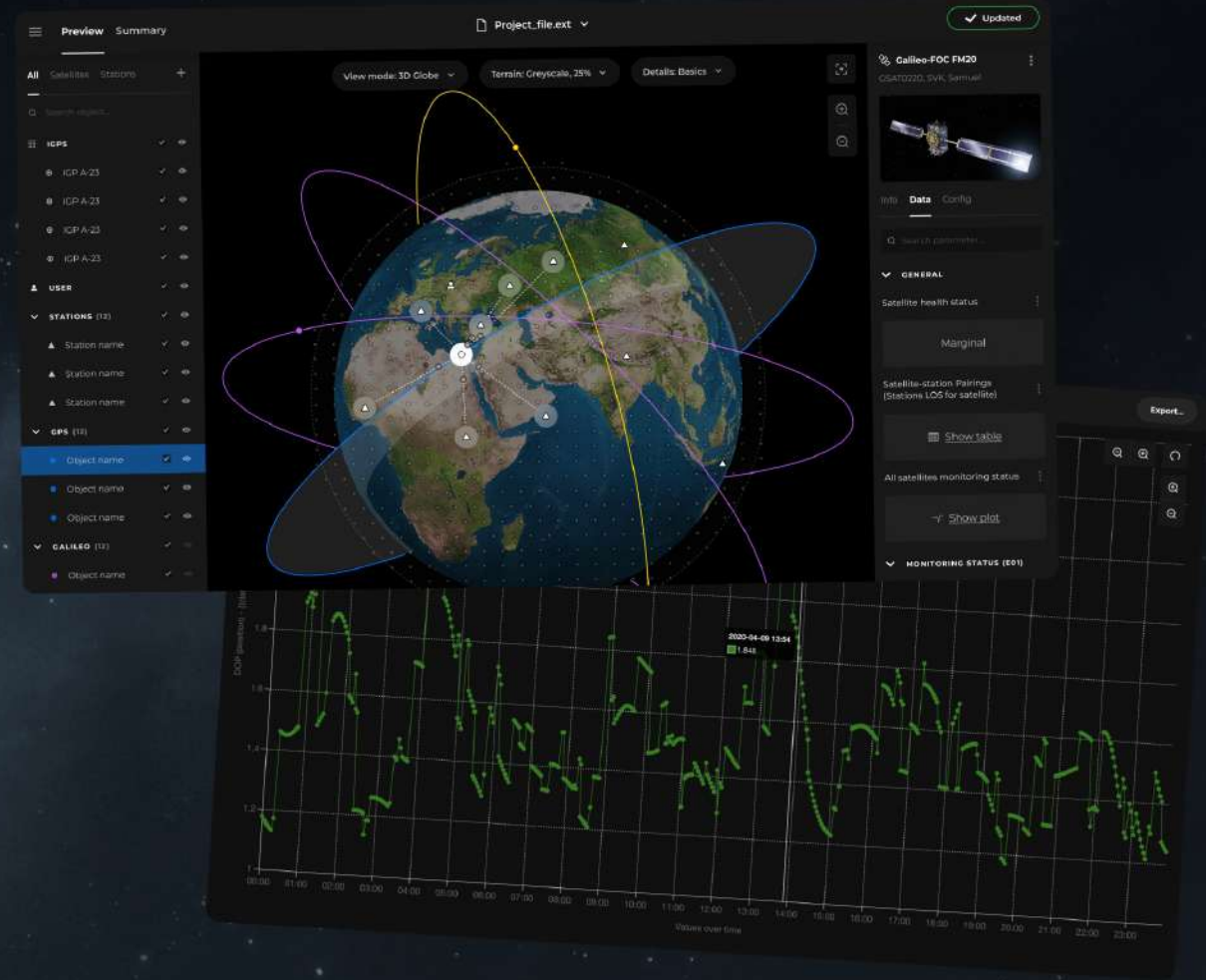




# An SBAS Geometry Analysis Tool

We developed a Satellite-based Augmentation System (SBAS) Geometry Analysis platform for the European Space Agency. It is a comprehensive toolset that **enables SBAS engineers, researchers and operators to carry out analyses of orbit and ionospheric geometries** between SBAS ground stations and constellation of satellites.

Our platform merges multiple tools into one and cuts down setup time from days to hours.







**DIPLOMAT  
DENTAL  
SOLUTIONS**

# **Enabling Dentists to Focus on Their Patients**

Digitizing the Dental Industry



# Innovative Software Tailored to the Needs of Dentists

Our software enables dentists **to control a complete dental unit**, set the micromotors, configure the parameters and save the preferences of individual patients.

We provide dentists with higher work efficiency and greater comfort for their patients. As a result, our client – Diplomat Dental – **has become a leading technology innovator** in the dental industry.

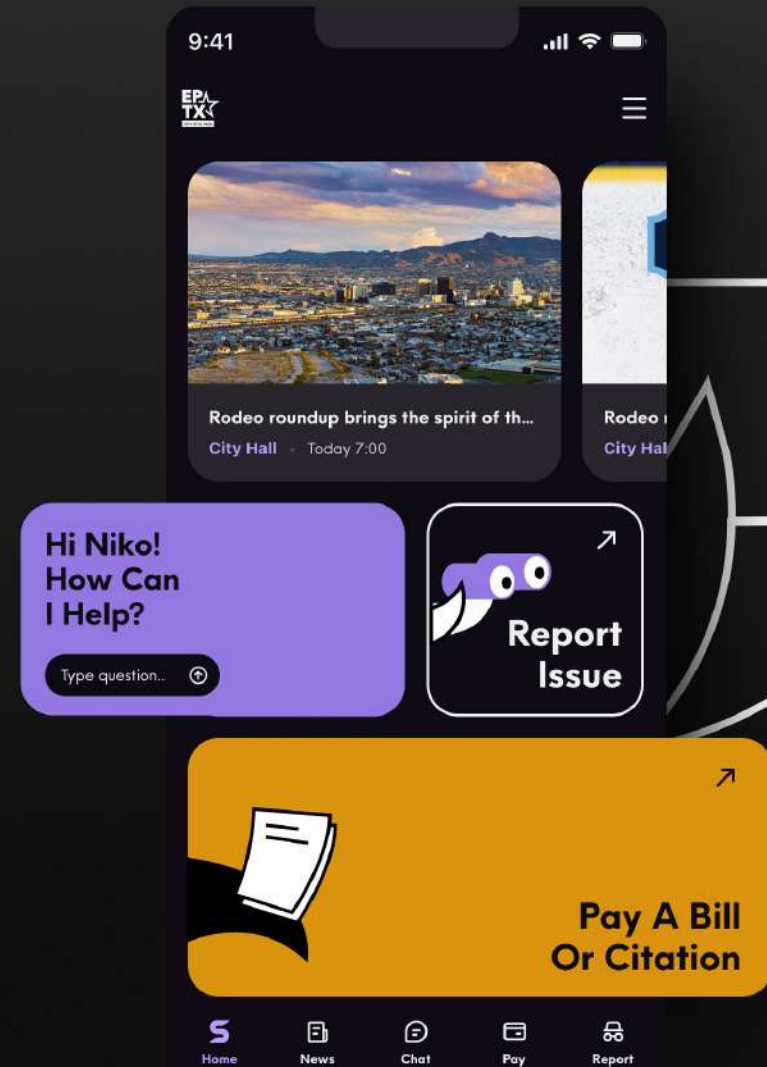




# AI-Powered App for Navigating Local Services and Government

AI-driven native mobile apps for iOS and Android enable **users to subscribe to city notifications and access relevant content**. They provide essential city info, AI chat support, and tools for payments and issue reporting. Cities benefit from an intuitive platform for updates, service management, and community engagement.

[www.supercity.ai](http://www.supercity.ai)

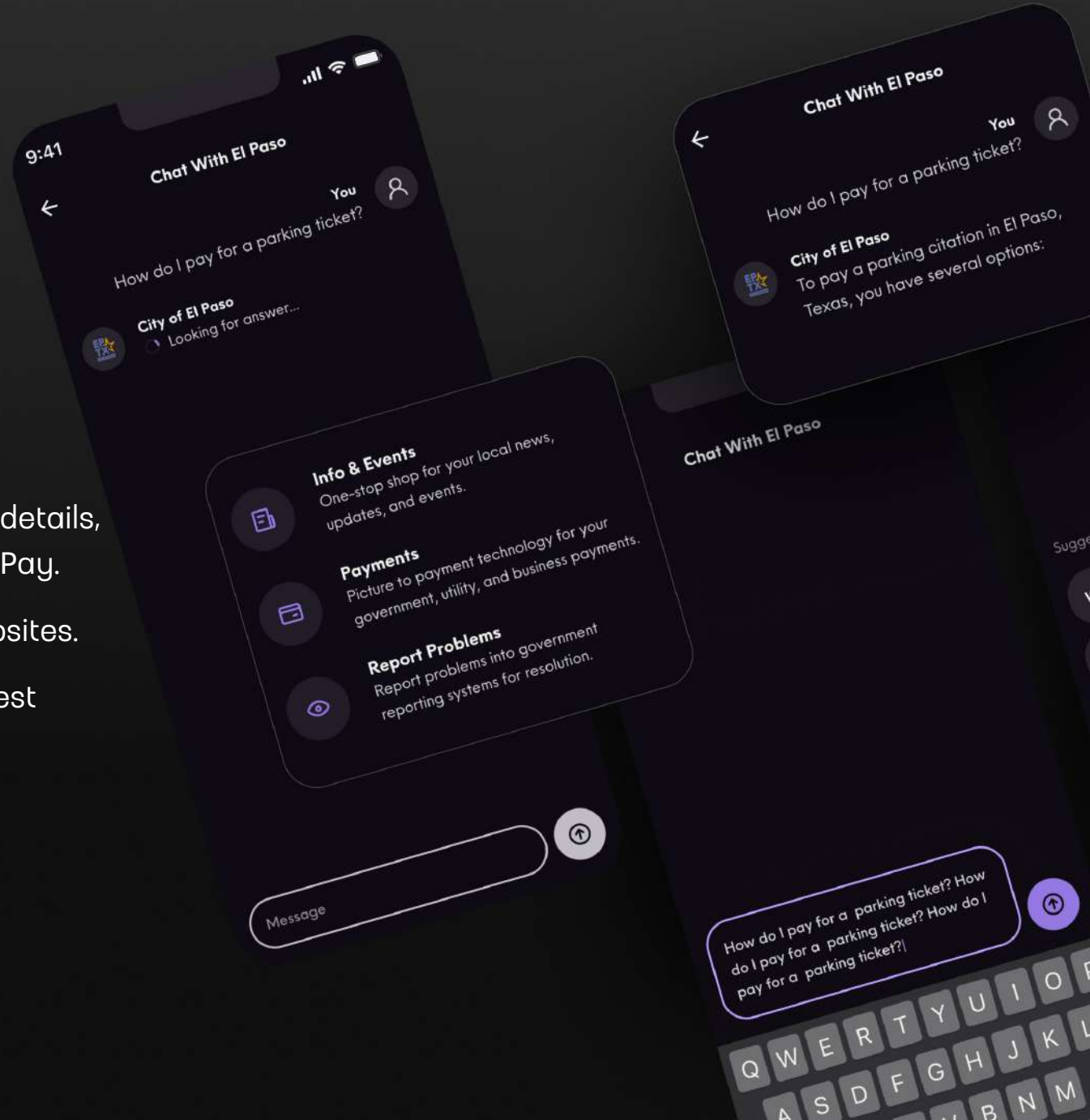




## Key Features

- **AI Chat:** Retrieves info from quadrant and PDFs.
- **Payments:** Scans documents (e.g., parking tickets), extracts details, and enables payments via card, cash, Apple Pay, or Google Pay.
- **Newsfeed:** Aggregates news and events from selected websites.
- **Authentication:** Supports email, Google, Apple login, and guest access
- **Issue Reporting:** Planned for future development.

Built on **AWS** for high reliability, security, and scalability.

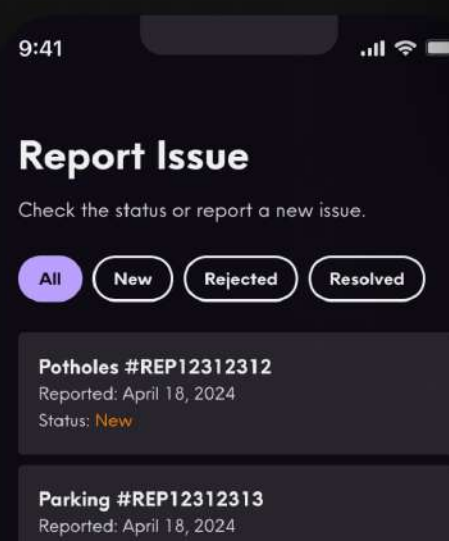
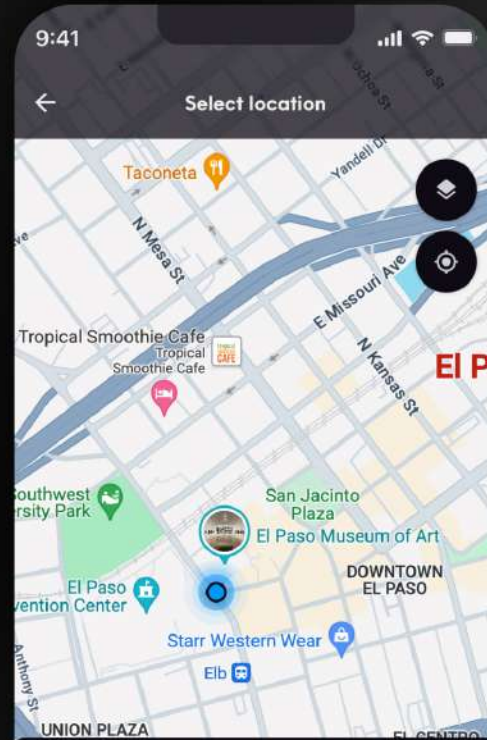
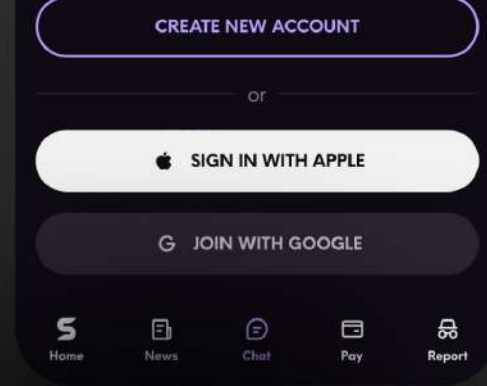




# Our Strategic Partnership with SuperCity

For the SuperCity team, **we became a strategic technology partner**, ensuring that the project's technological aspects are functional, secure, efficient, and sustainable. We help drive the project forward and enhance its overall value.

Together, we aim to drive smarter, more efficient cities by combining their urban innovation expertise with our advanced technological solutions. This partnership reflects a shared vision for the future, where AI empowers cities to evolve and thrive.





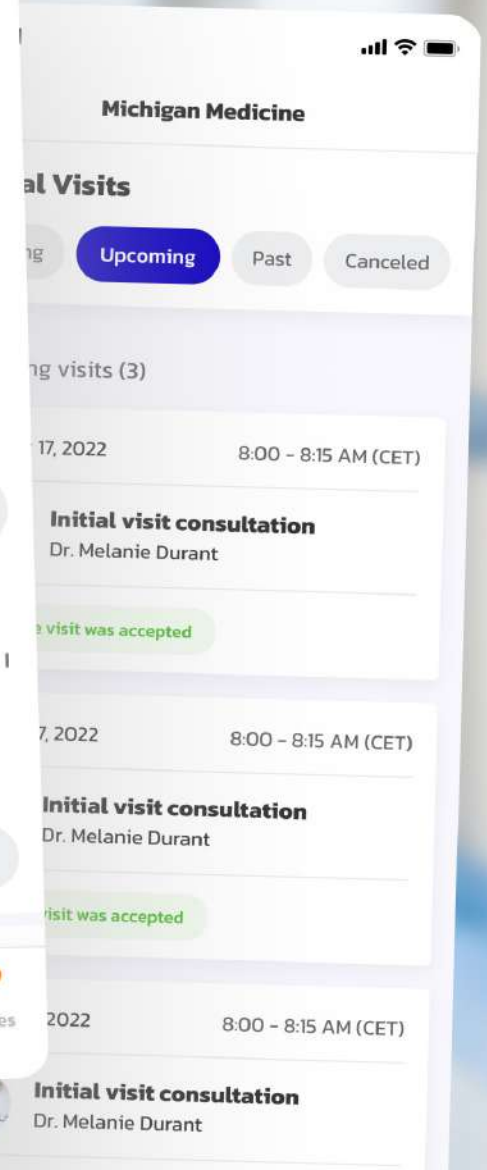
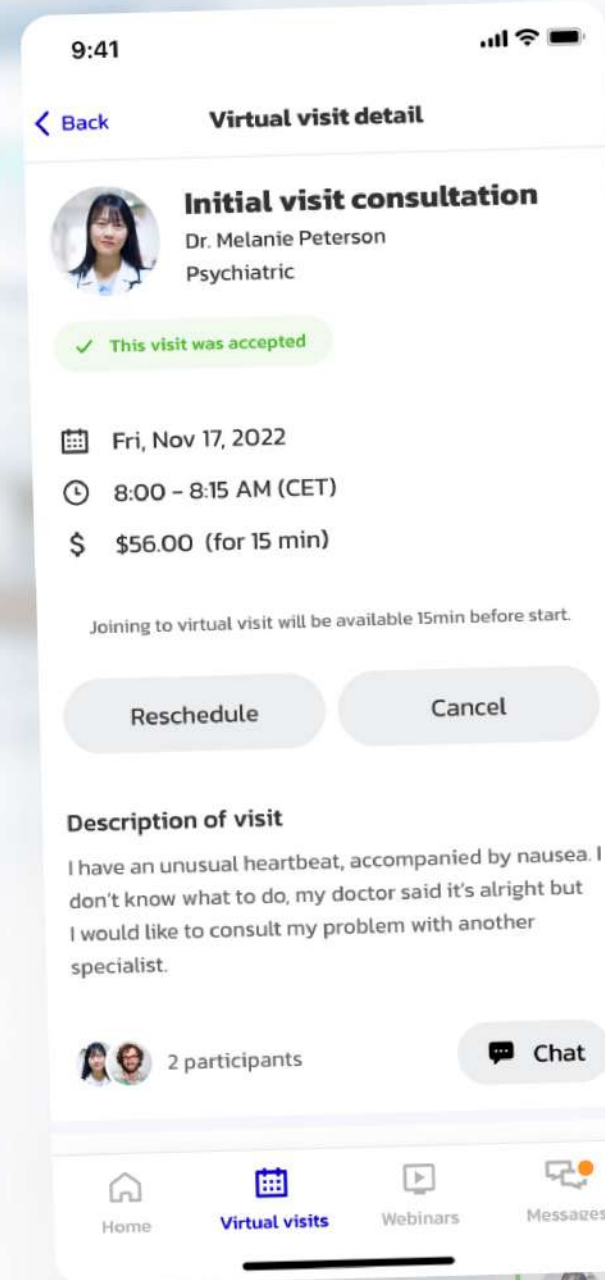
# Putting Patients on the Digital Path to Better Health

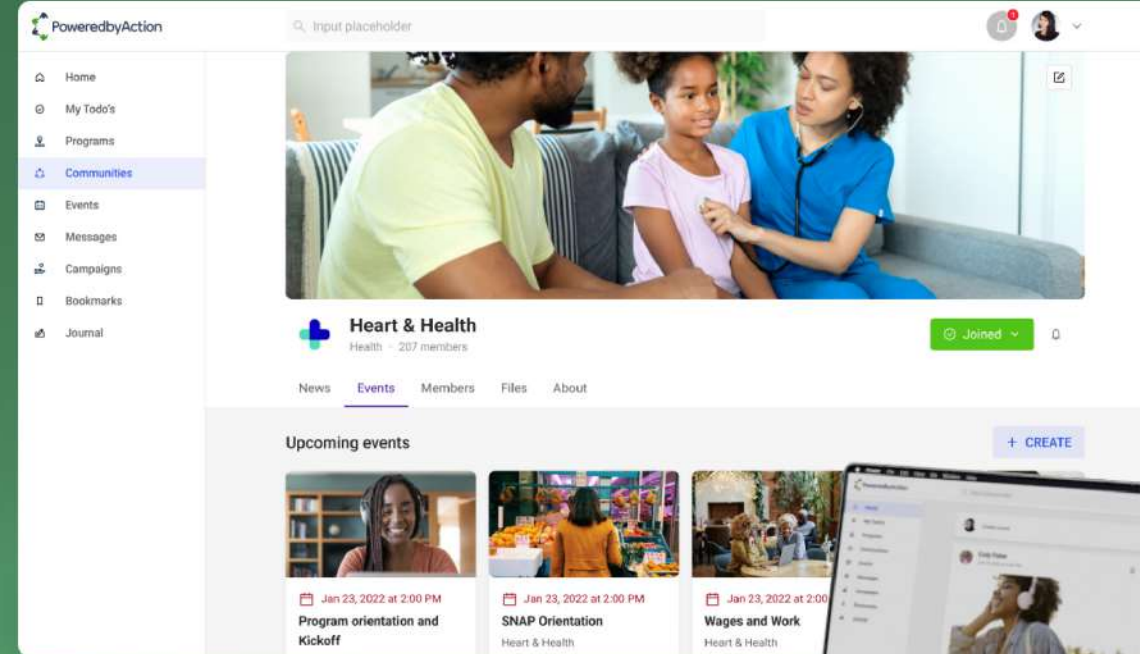
Platform Used by America's Largest Pharmacy Network



# Telehealth Platform Providing Accessible Healthcare For Americans

Our platform connects patients to healthcare providers they know and trust within their community. A robust team of providers can coordinate patients' care, manage their illness, and improve their health outcomes through virtual visits and consultations. Our comprehensive Software-as-a-Service solution is trusted by thousands of users because of its seamless experience. Our technology and innovation partnership has helped our client become a leader in telemedicine innovation.





# Building Strong Digital Communities

More Than 100 000 Active Users Across 60 Organizations

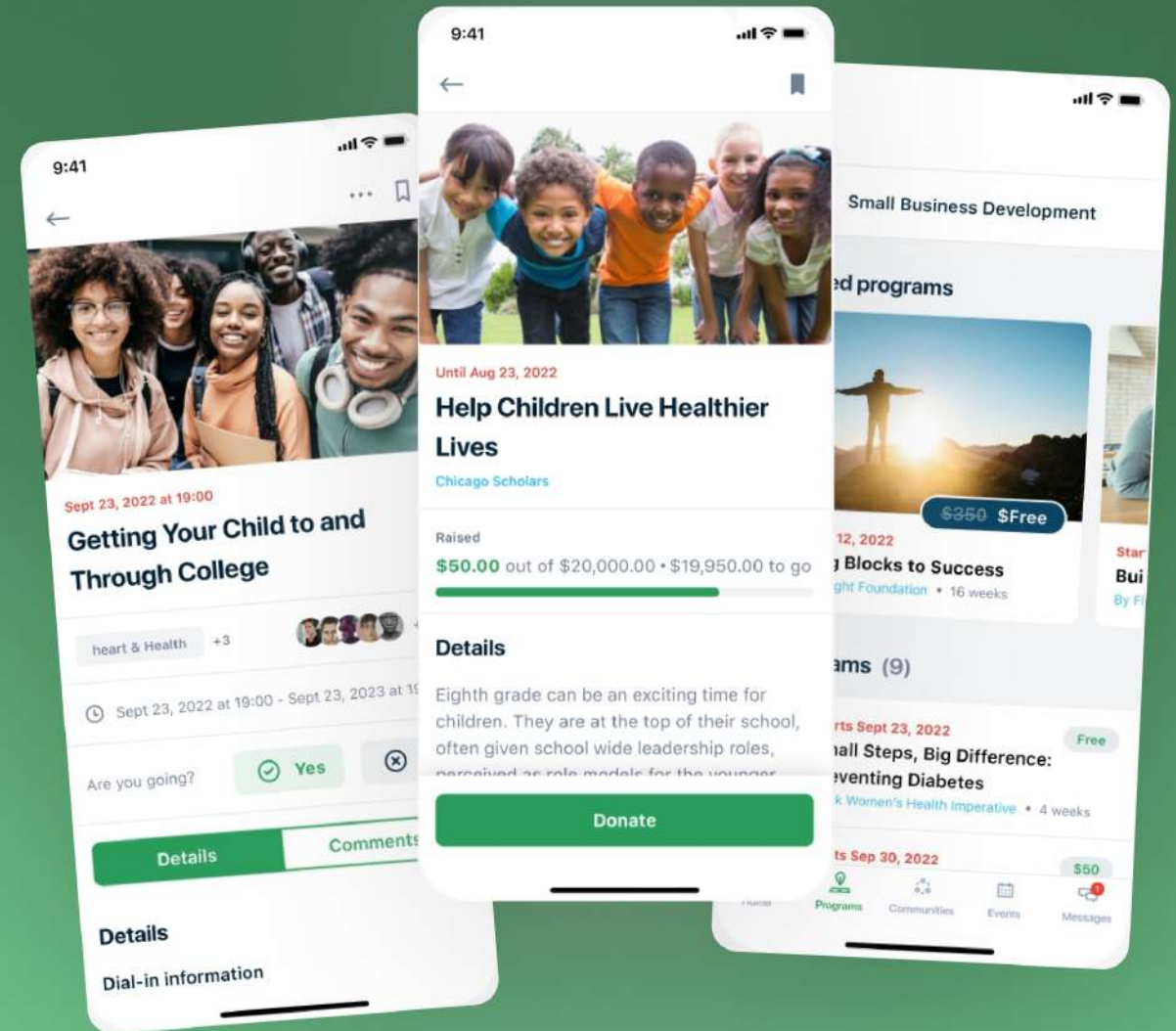






# A Robust Community Platform for NGOs

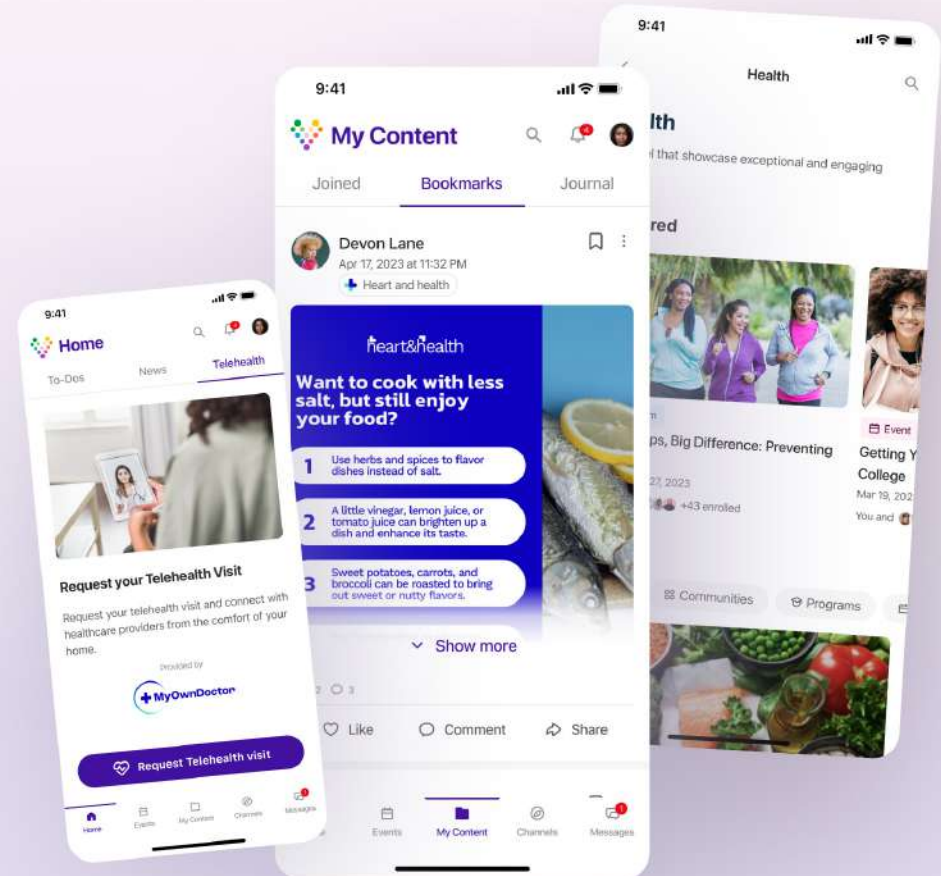
Our platform enables organizations and their members to communicate effectively, to create various content, and to share their activities and program events with other parties. We help our client – one of the biggest VC firms in the U.S. – to build communities that can interact with each other and deliver valuable digital content.





# BigHeart Platform for Sharing Knowledge and Building Community Networks

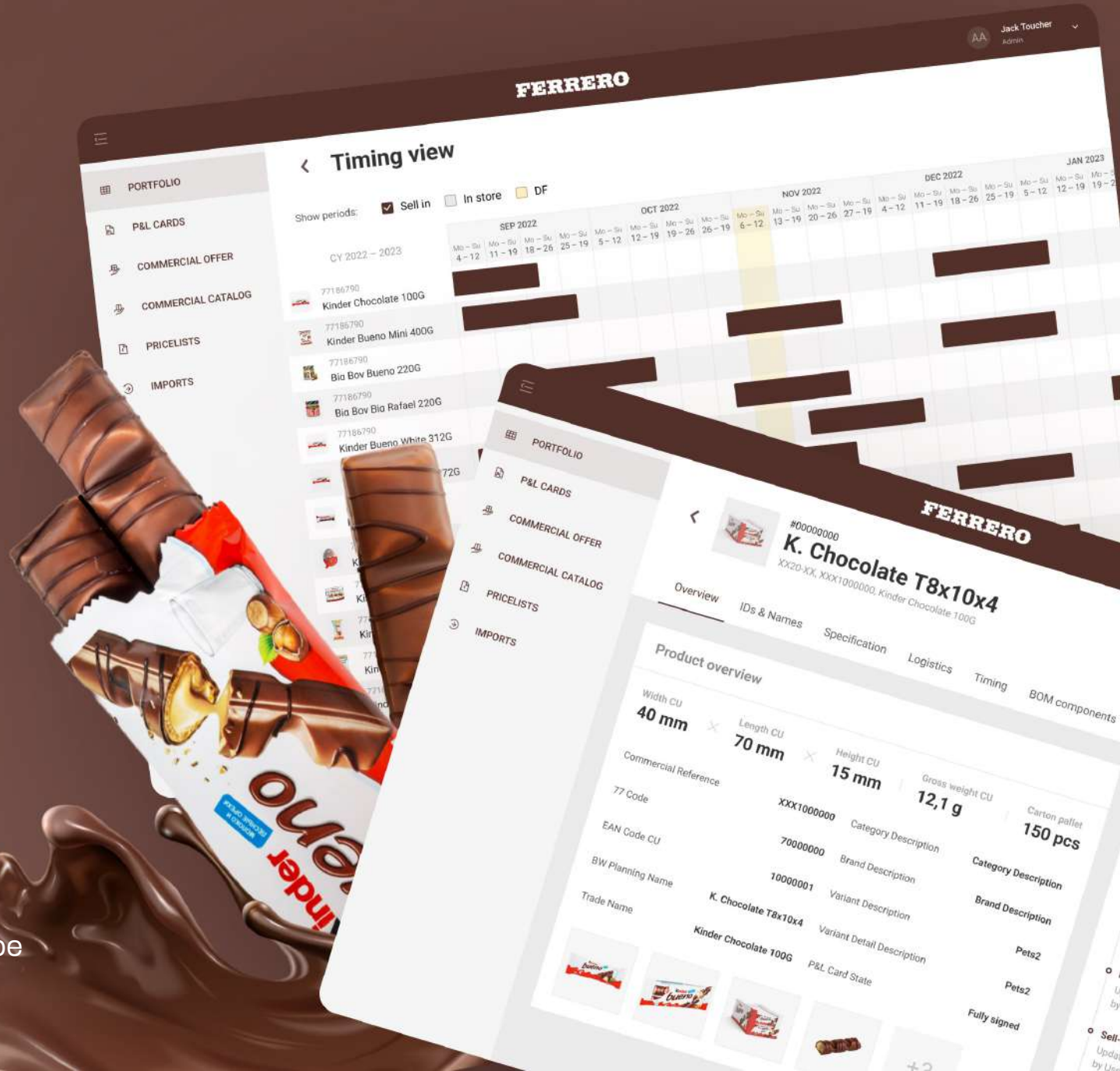
The BigHeart platform empowers its members to communicate effectively, create various types of content, organize video conferences, and share their activities and events with other parties. It serves as a robust virtual group system designed to enhance social outcomes and connect communities. For our client, we provide a fully managed dedicated team that creates, designs, and drives product development. We maintain a strong and ongoing partnership with the client, engaging in regular and collaborative interactions.



**FERRERO**

# Optimizing Product Management Giving More Nutella to the World

Increasing Efficiency & Growing Sales For Ferrero In Europe

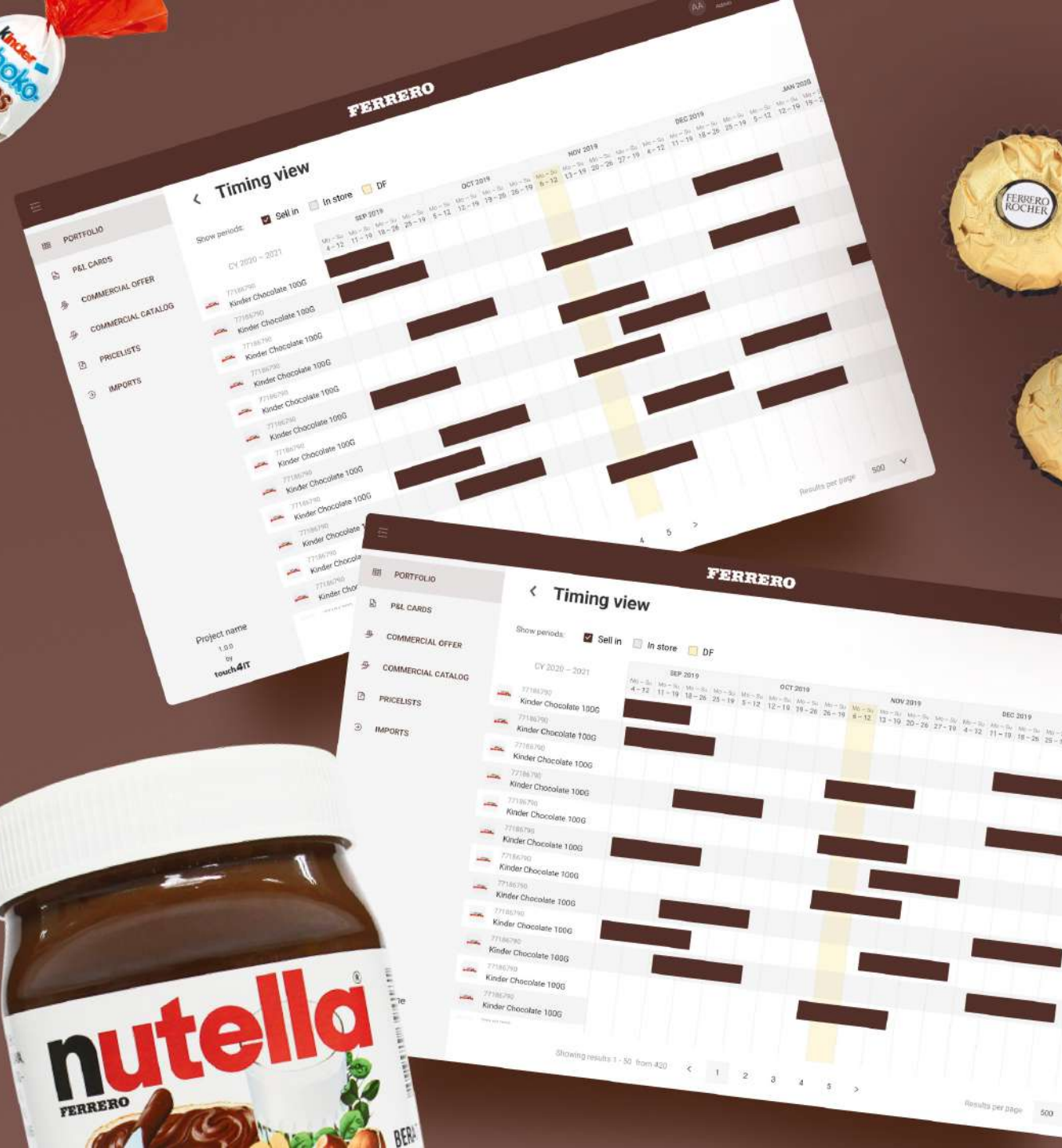




# Holistic Product Management System

We developed a software that aggregates all data about Ferrero's products and product lines from many systems within the organization to a one single location.

We helped the client increase efficiency and grow sales by working with the product portfolio, inventory and processes related to it.

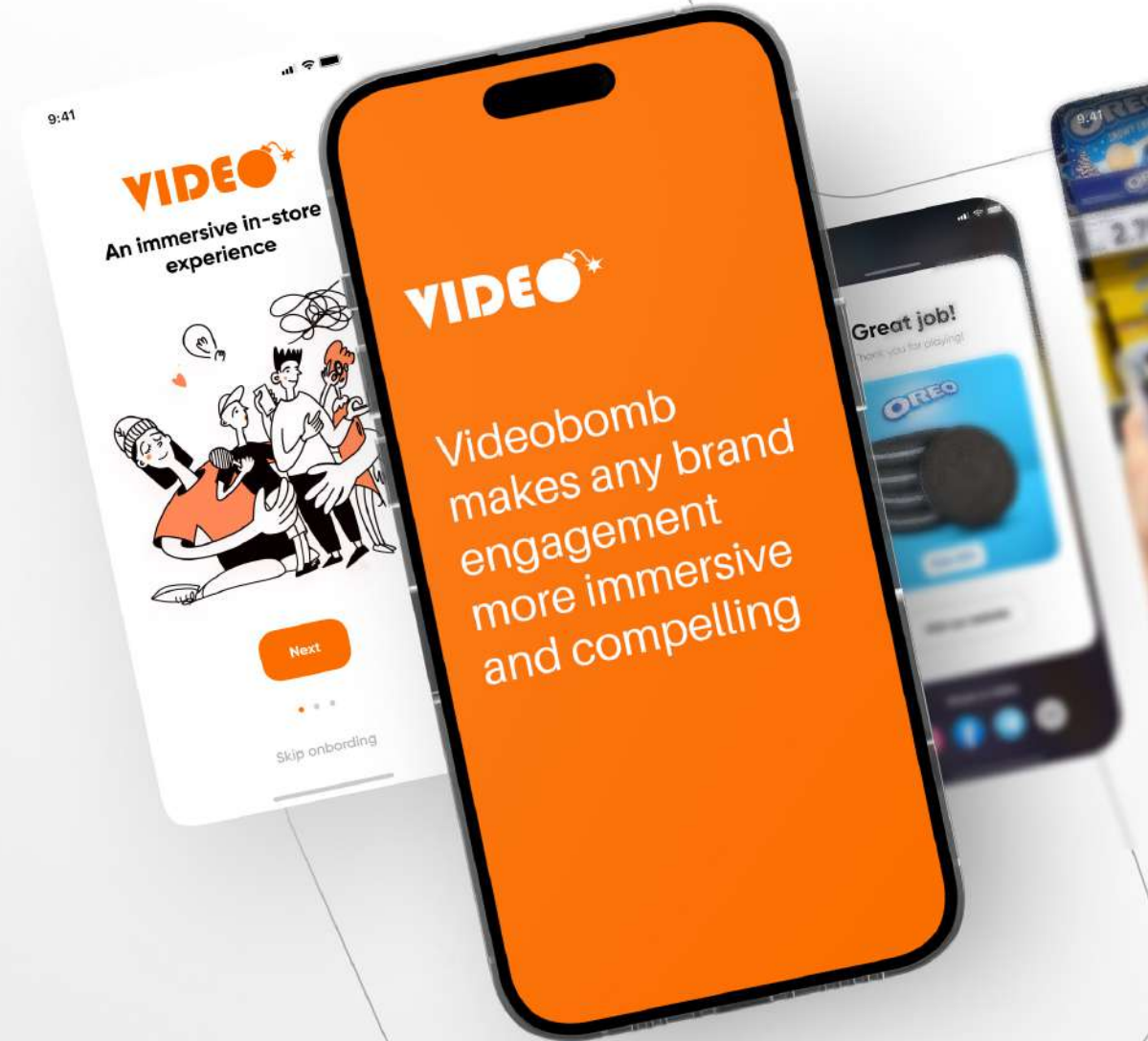


# VIDEO



## Custom Development of the First-class Augmented Reality Experience

Our tech solution turns any flat object to an amazing AR experience. Objects in real-world environment serve as displays for engaging and immersive videos for client's ads or campaigns.

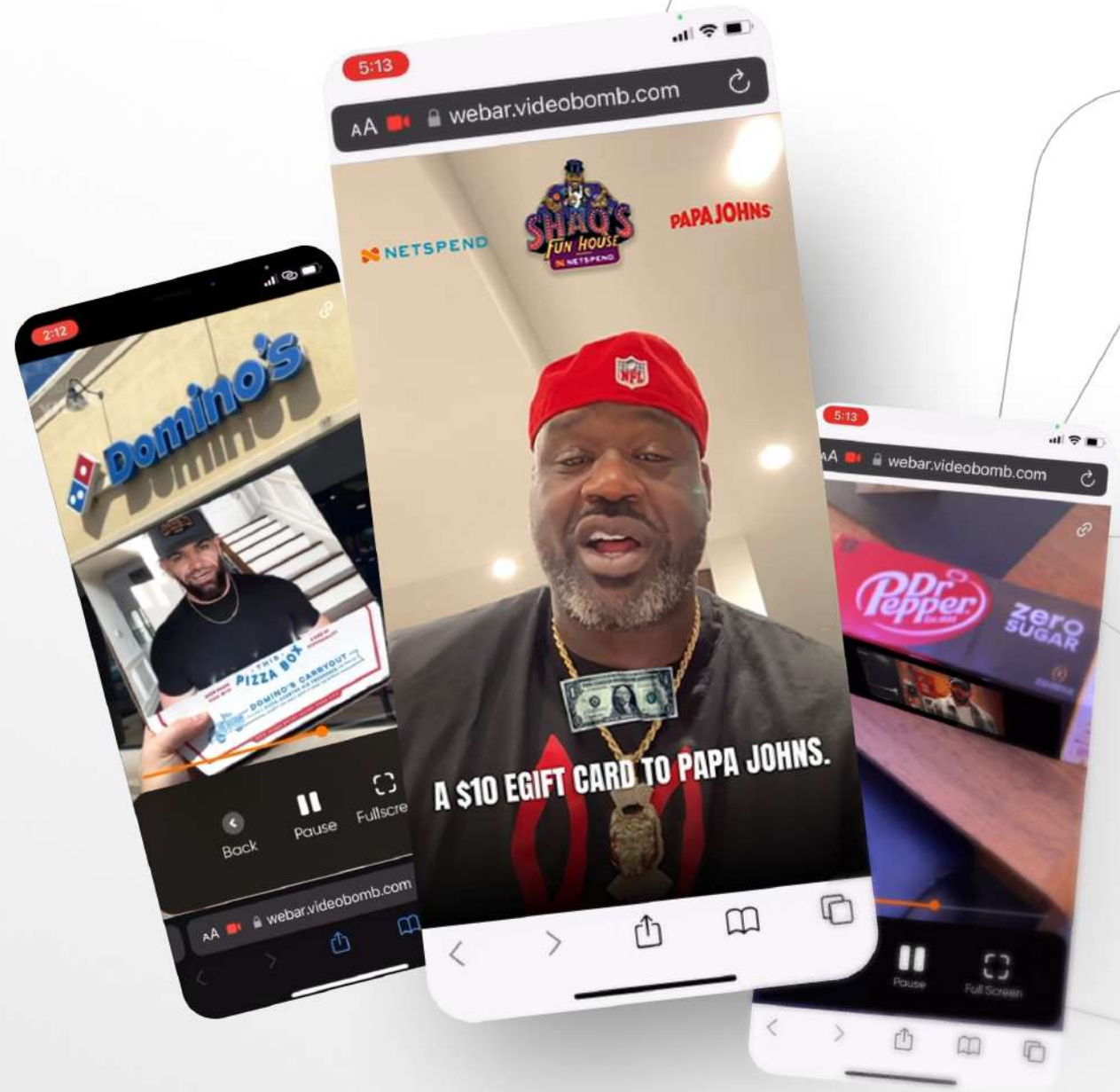




# Top-quality AR experience for thousands of Super Bowl fans

In the latest campaign of Netspend and Papa Johns with basketball legend Shaquille O'Neal starring, fans got access to the competition by scanning a one-dollar bill to activate content using AR technologies developed by the Touch4IT team for our client VideoBomb. The first 5,000 users could receive a gift at Papa Johns locations.

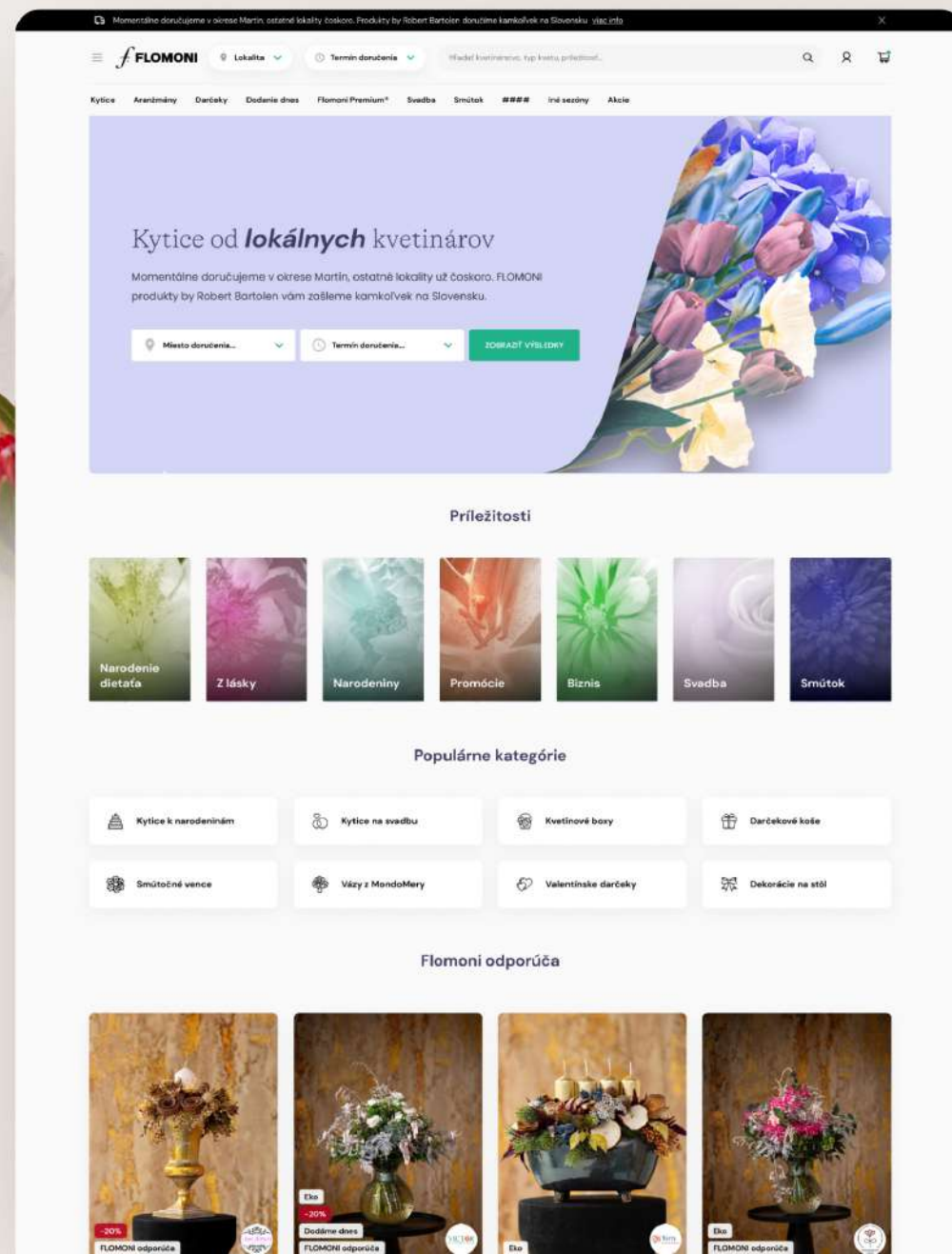
The campaign with our AR solution was promoted via Shaq's Instagram account and used by thousands of users on Super Bowl weekend.





# Marketplace Connecting Local Florists' Products

The client came up with a new concept of ordering flowers from local florists for various purposes. It is also linked to the funeral portal (we're also behind its development), where individuals can also choose and purchase flowers directly for the funeral. Ordinary people can thus express condolences in this direct way as well.





# Optimizing Aircraft Maintenance Through Our Advanced BI Solution

Top-notch Solution for Highly Skilled Technicians with More  
Than 15 years of Industry Experience



# Software, Analytics Data and Reporting in the Aerospace Industry

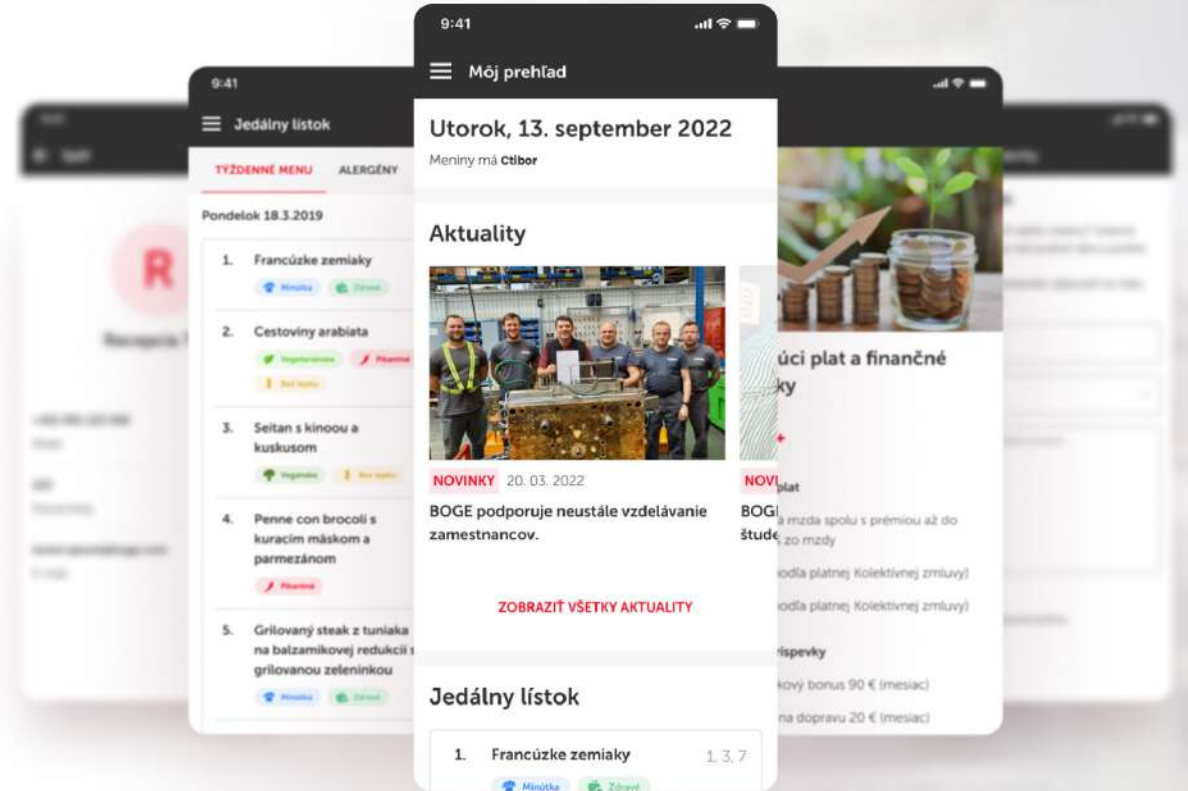
Qualified technicians from Austrian Technik Bratislava needed a solution for processing a large amount of data that could assist them in decision-making. The solution utilizes data gathered and stored from multiple sources, then transforms data and loads it into an analytics database, which is integrated into the BI tool and presented to users.

Through this custom software and advanced BI analytics, we helped optimize aircraft maintenance and repairs, achieving faster turnaround times in fewer days. Overall, this increased the efficiency of technicians in their activities.



# Application for Better Employee Connectivity and Information

BOGE Rubber & Plastics, a company specializing in products for automotive vibration control technology and lightweight components, employs over 3600 people. They required a solution to improve employee connectivity, share vital information, foster active collaboration, enhance corporate culture, and address other essential aspects within the corporate environment. In our portfolio, we have our own employee application that we have customized to the smallest detail to meet their business needs.

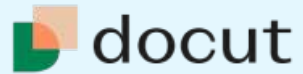




# Developing an Information System for Veterinary Clinics and Their Staff

Over 7 Top Slovak Veterinary Clinics Utilize the System

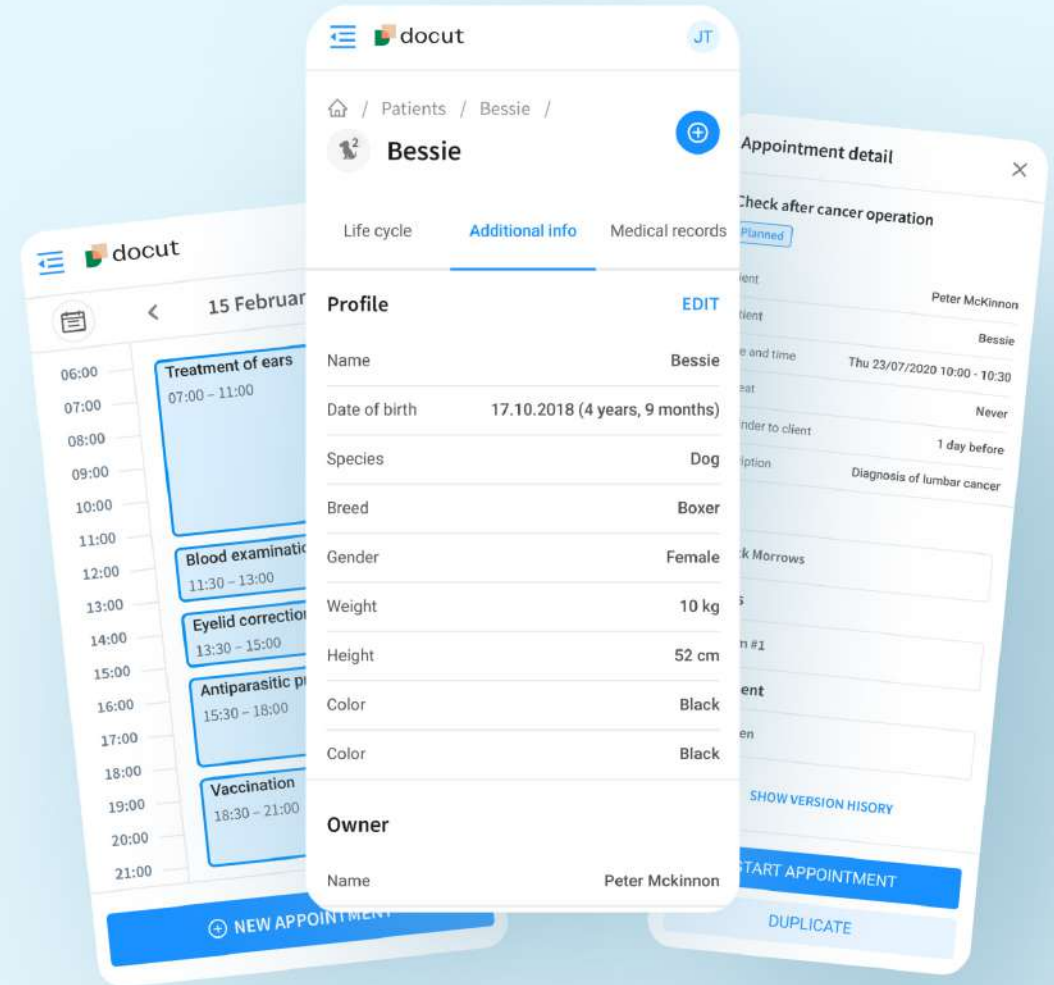




# Progressive and Multi-functional Veterinary Practice Management Software

The client needed to store all patient data, medical records, client information, procedures, and laboratory results more efficiently. This cloud application offers lots of features including a calendar and shift planner, invoicing, reporting, client zone, attendance tracking, document generation, and signing, as well as email and SMS capabilities.

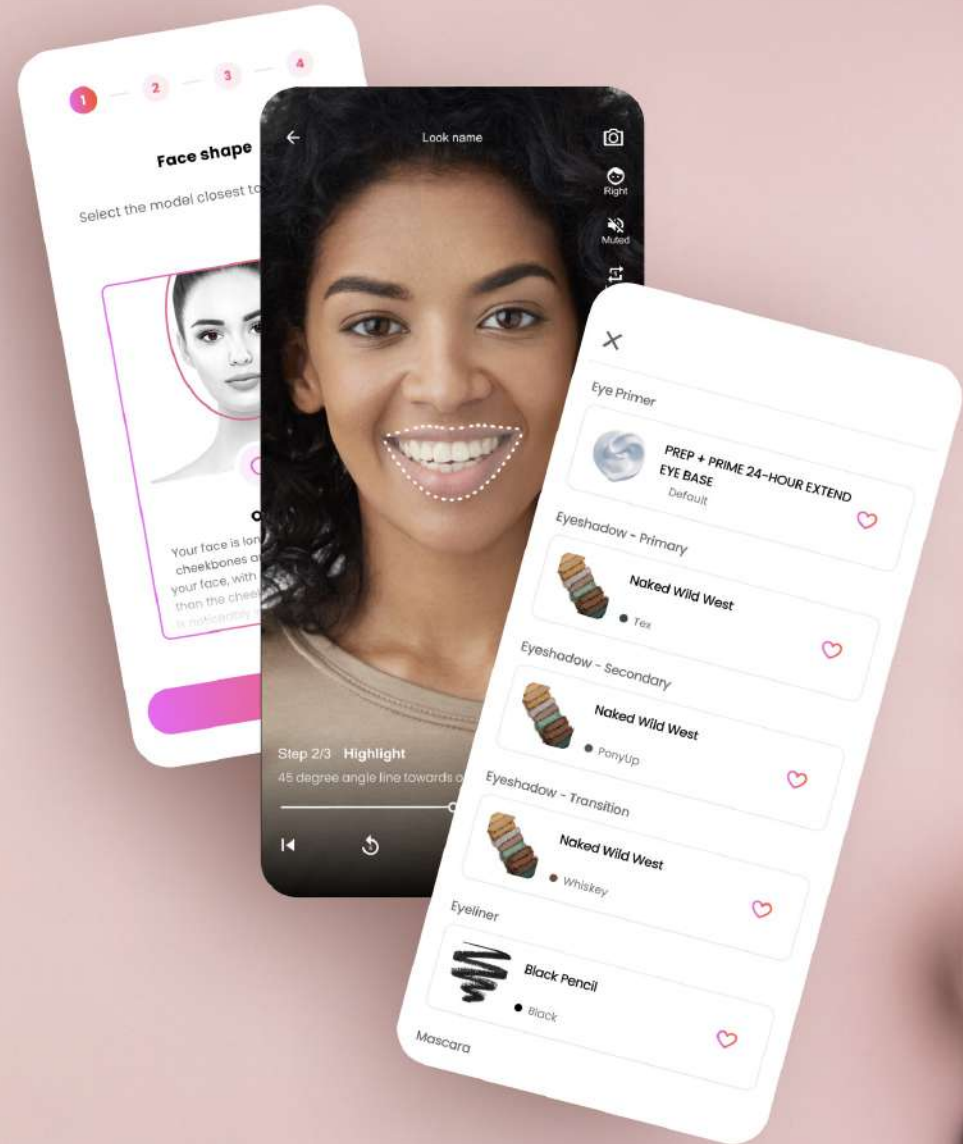
We also aimed to make the application interaction as seamless as possible for clinic staff, particularly during transitions from the previous software.



# AR App with Face Tracking and Custom Animation System

We've developed FaceTrace, the first digital tool designed for an easy and engaging makeup application experience. Users can explore makeup tutorials, preview looks via augmented reality, and discover beauty products to create unique styles.

Makeup artists will benefit from a tailored animation system that allows them to produce guided, animated tutorials for precise application techniques.

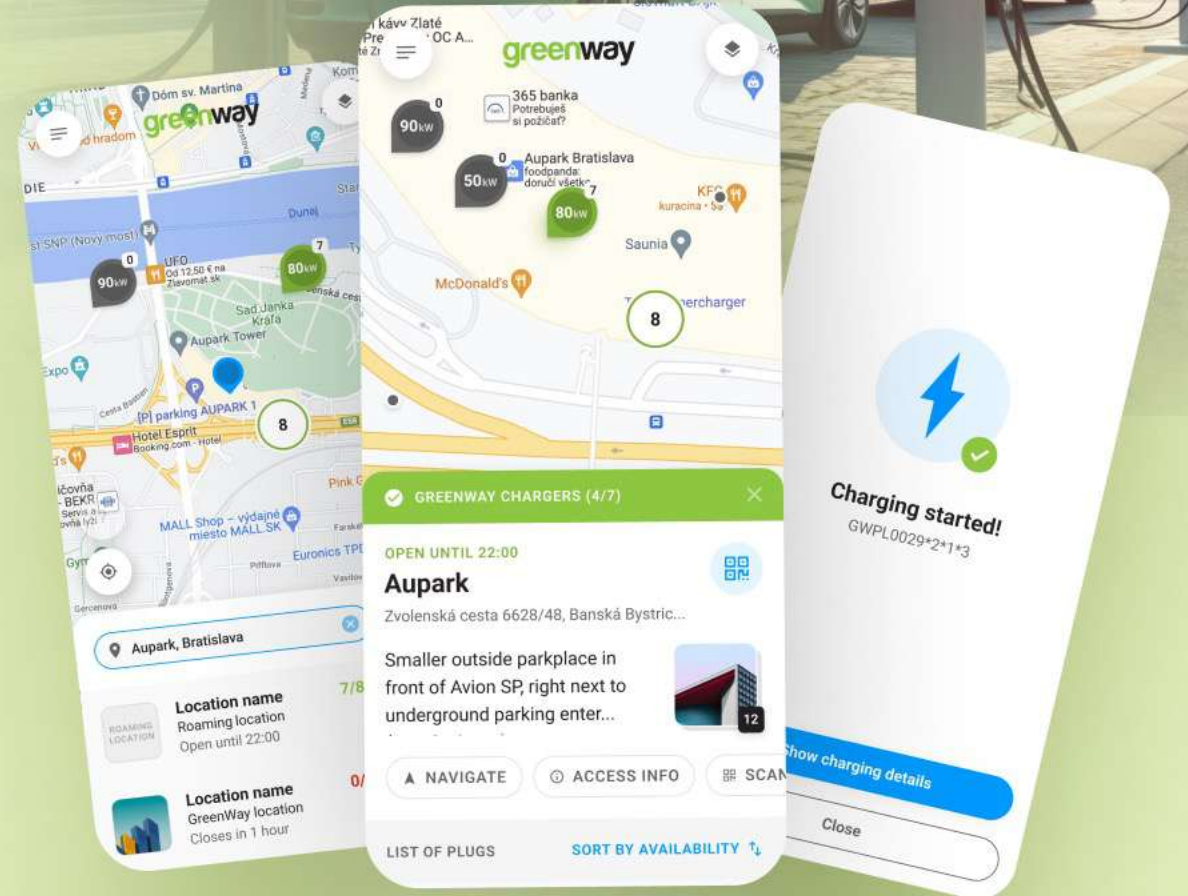




# Mobile Application for Managing AC Electric Vehicle Charging

The GreenWay mobile app is the primary tool for charging electric vehicles, featuring an easy search for charging stations on the map, control over starting and ending the charging process, real-time availability checks for chargers, among other functionalities.

The client chose us because we understand their business model, needs, and requirements, and we possess extensive experience in mobile app development.





do what you do best and outsource the rest!



# Business Intelligence for International Logistics Leader

BI Reports for Enhanced Efficiency and Revenue Growth

# A Powerful Business Intelligence Solution for Warehousing

We've developed a specialized BI Analytics solution in Power BI, optimized for financial data across all operational countries, delivering reports within an hour and continually refining data accuracy. Our team collaborates closely with the finance department to customize reports, automate processes, and resolve data inconsistencies, ensuring precise and timely financial insights. This empowers our client to make informed decisions that drive business performance and align with their strategic objectives.

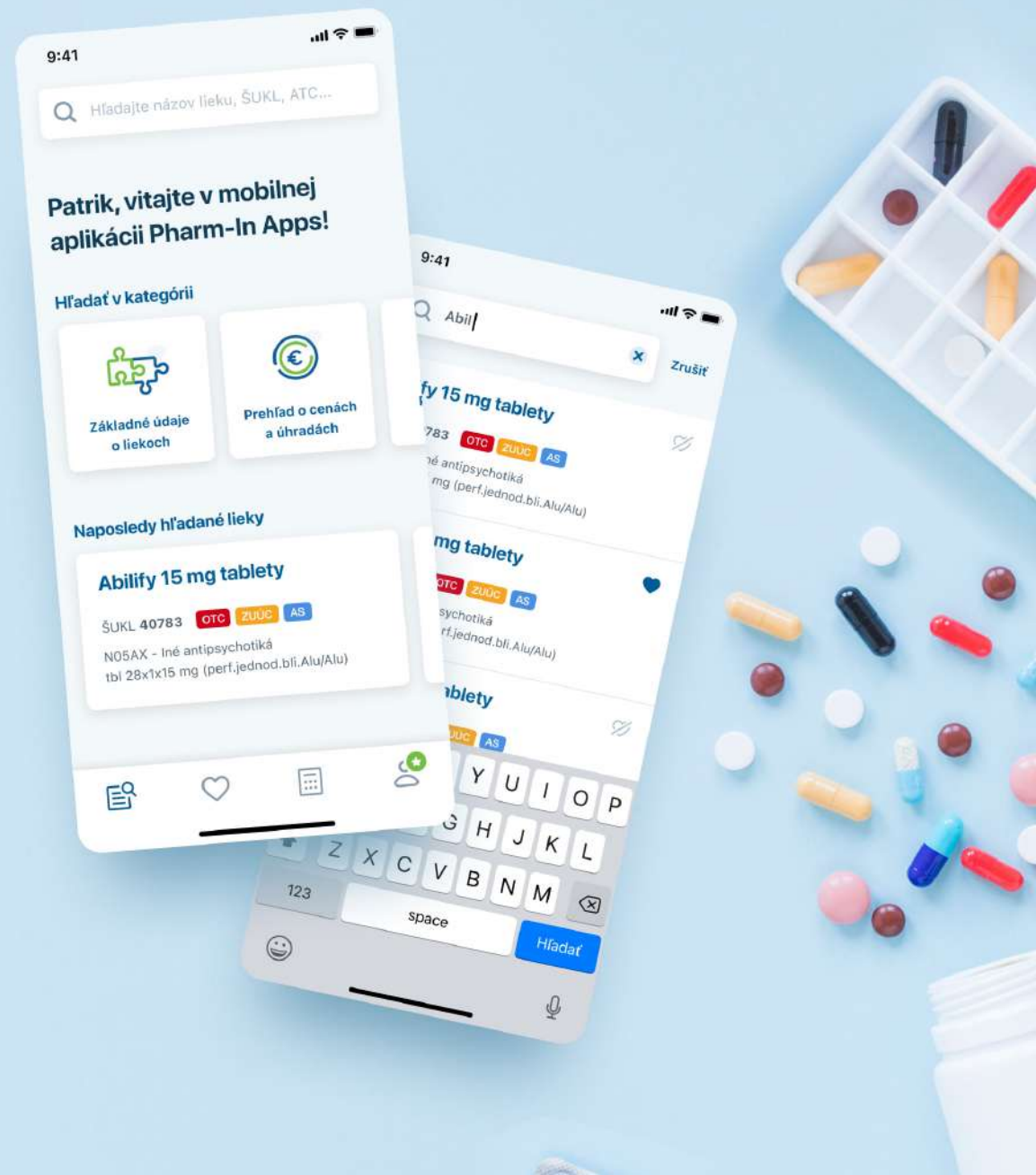




# Mobile App for Drug Registration and Price Calculation

We developed a mobile application for iOS and Android that simplifies access to extensive medication data for healthcare professionals in Slovakia. This app enables efficient searching and monitoring of medication prices, profit margins, and reference prices across the EU. It includes manufacturer prices, forecasts, and consumption history.

Serving as a centralized hub, it provides updates on drug legislation, new registrations, reimbursements, and professional training, enhancing pharmaceutical management and accessibility.



# GATE

## Loyalty System for Customers of the GATE Fashion Brand

A new customer loyalty system for the GATE fashion brand dynamically evaluates customer value to offer real-time discounts for both in-store and online purchases. Customers earn 'G points' which can be redeemed for various benefits, enhancing future shopping experiences. The system gives administrators comprehensive access to customer data, helping to tailor products and improve relationships. Currently, it supports over 1 million customers, efficiently managing their benefits across all platforms.



# Augmented Reality App to Explore a Sustainable Microhome

The development focused on a mobile application that uses augmented reality (AR) technology to display a 3D model of the Ecocapsule in real environments, such as gardens or urban settings. This app projects the Ecocapsule at scale and allows users to virtually enter and explore its interior, learning how each component (e.g., bed, toilet) functions, directly through their mobile devices.





## Development of a Web Portal for Coca-Cola's Marketing Campaign

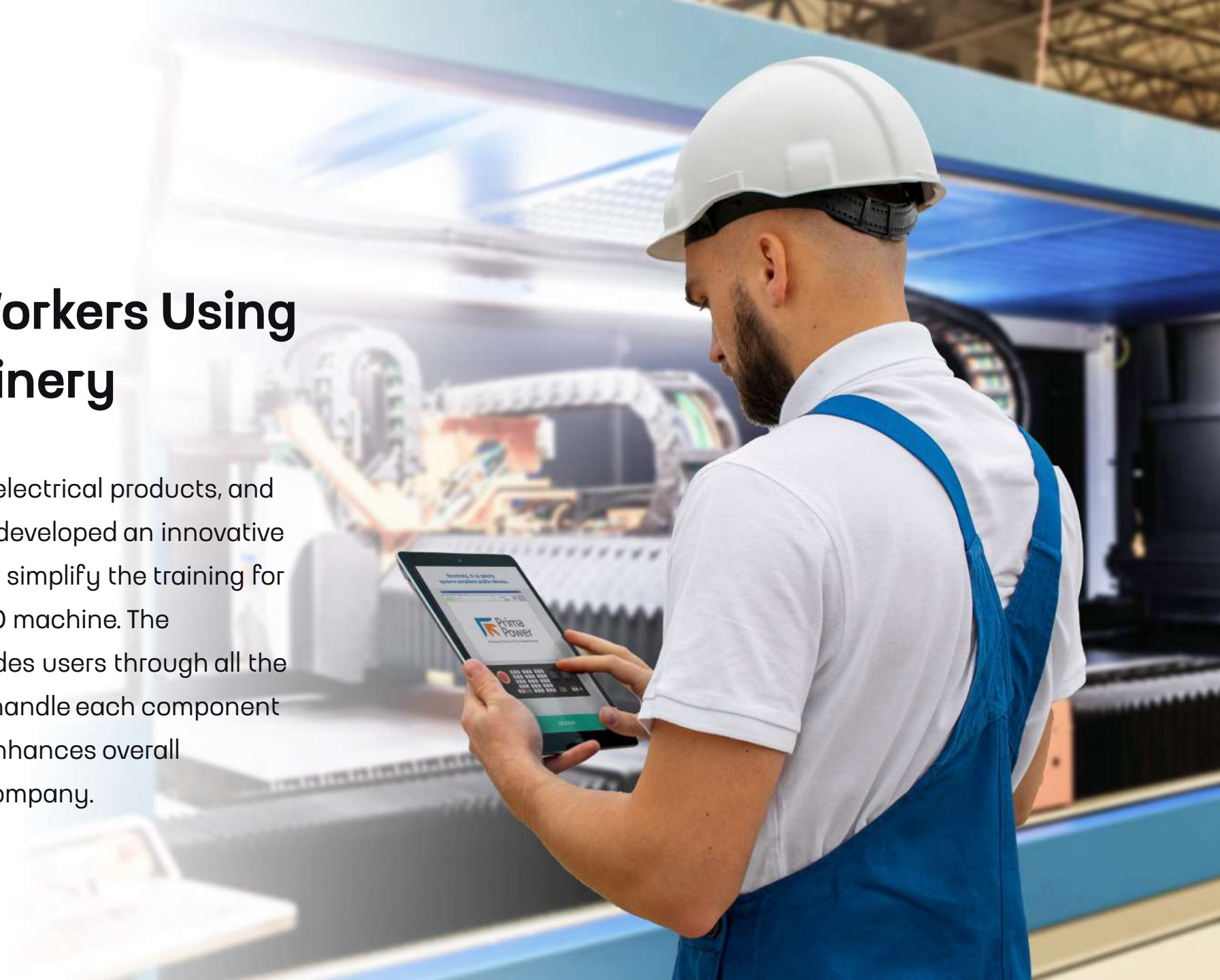
We developed a competition web portal for Coca-Cola, one of the largest corporations in the food industry. The portal allows customers to participate in the competition and access all necessary information.

We implemented advanced security measures to prevent any potential violations of the competition. We also established a logical structure for the competition to ensure the random winner selection process is both efficient and fair.



# Training App for Workers Using Specialized Machinery

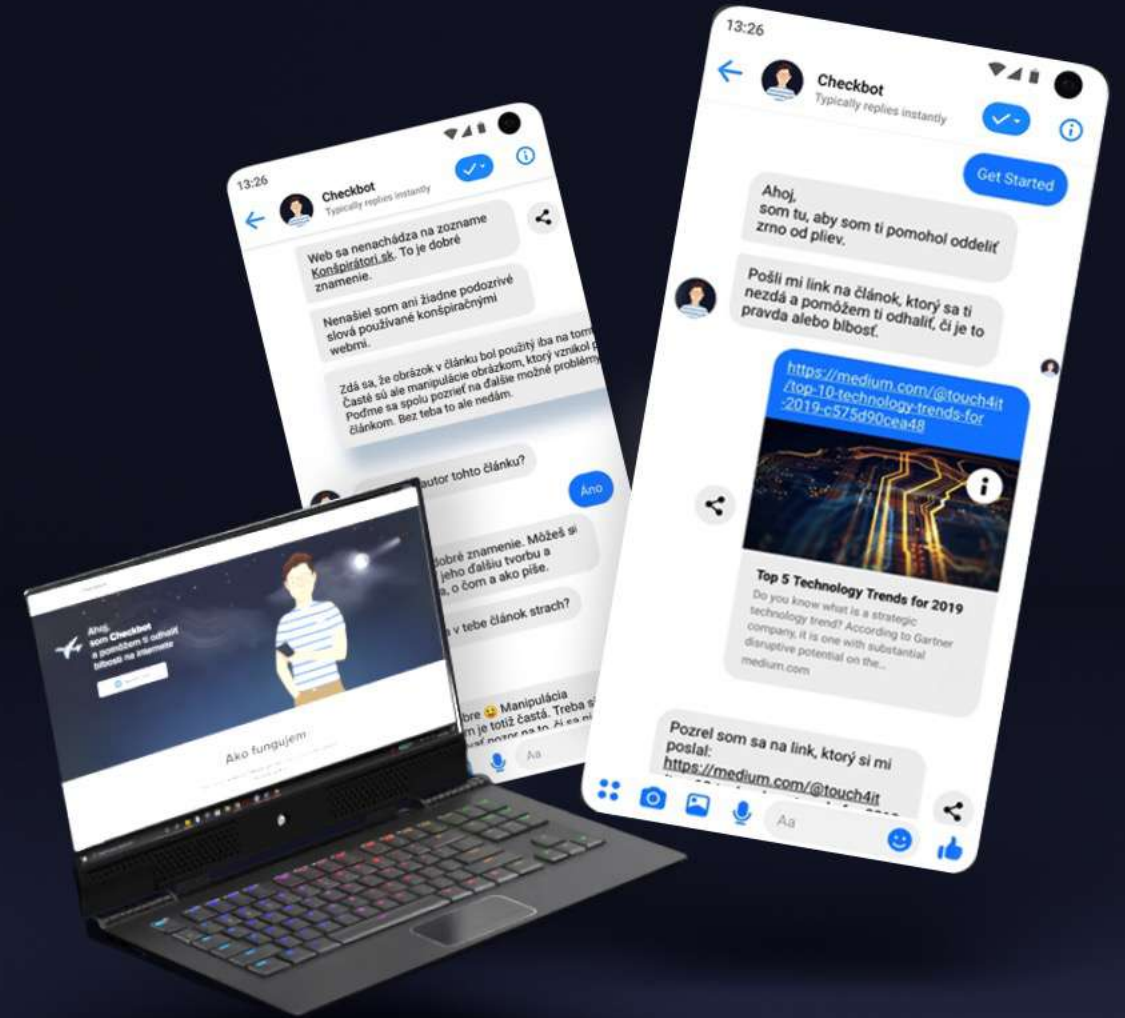
For a Slovak provider of engineering, electrical products, and telecommunications equipment, we developed an innovative application that uses gamification to simplify the training for operators of the special Bender 5000 machine. The interactive course within the app guides users through all the crucial steps necessary to properly handle each component of the machine. This approach also enhances overall productivity and efficiency for the company.





# The First Facebook Chatbot to Detect Fake Messages

We have developed a conspiracy-detection chatbot called Checkbot for the Seesame project. Users can send a link to an article to Checkbot, and it will analyze if there is anything suspicious or misleading about it. Besides the chatting algorithm, under human guidance, Checkbot can actively participate in discussions. It is available to over 2.7 million Slovak people on Facebook.





# Control Software Integrated with the SAP System

Together with Kasys - a leading company supplying automated storage systems - we worked on a project for Scheidt & Bachmann. We developed control software for high-performance Hänel Lean-Lift elevators, which is also integrated with the company's SAP warehouse system. This integration accelerates activities in warehouses and increases work productivity.

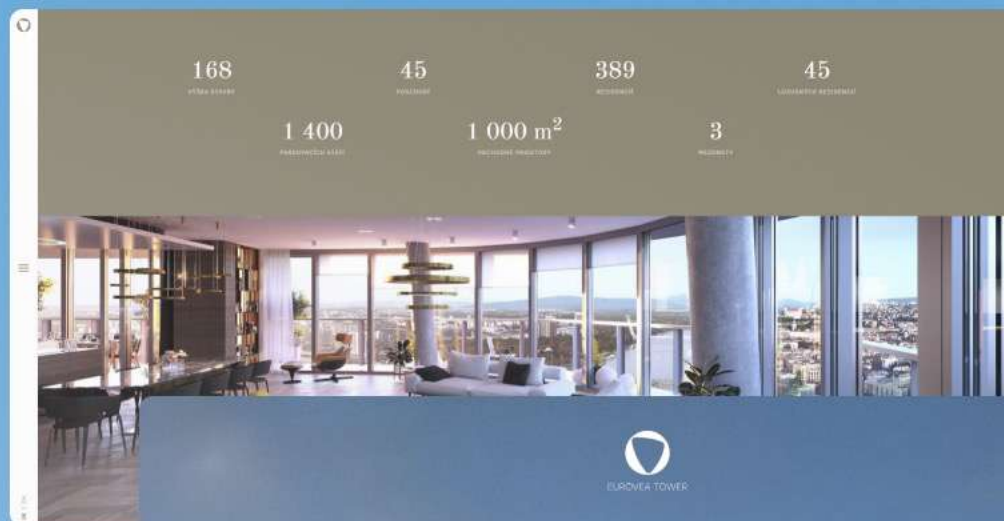




EUROVEA TOWER

# Eurovea Tower: Official Portal for the First Slovak Skyscraper

We have developed a new web portal for JTRE's highly anticipated Eurovea Tower project, the first skyscraper in the Slovak Republic. The web portal's design emphasizes the project's specifications—its impressive height and distinctive visuals that are sure to capture attention from afar. The interface is user-friendly, guiding visitors smoothly through comprehensive information about Eurovea Tower, providing a complete overview.

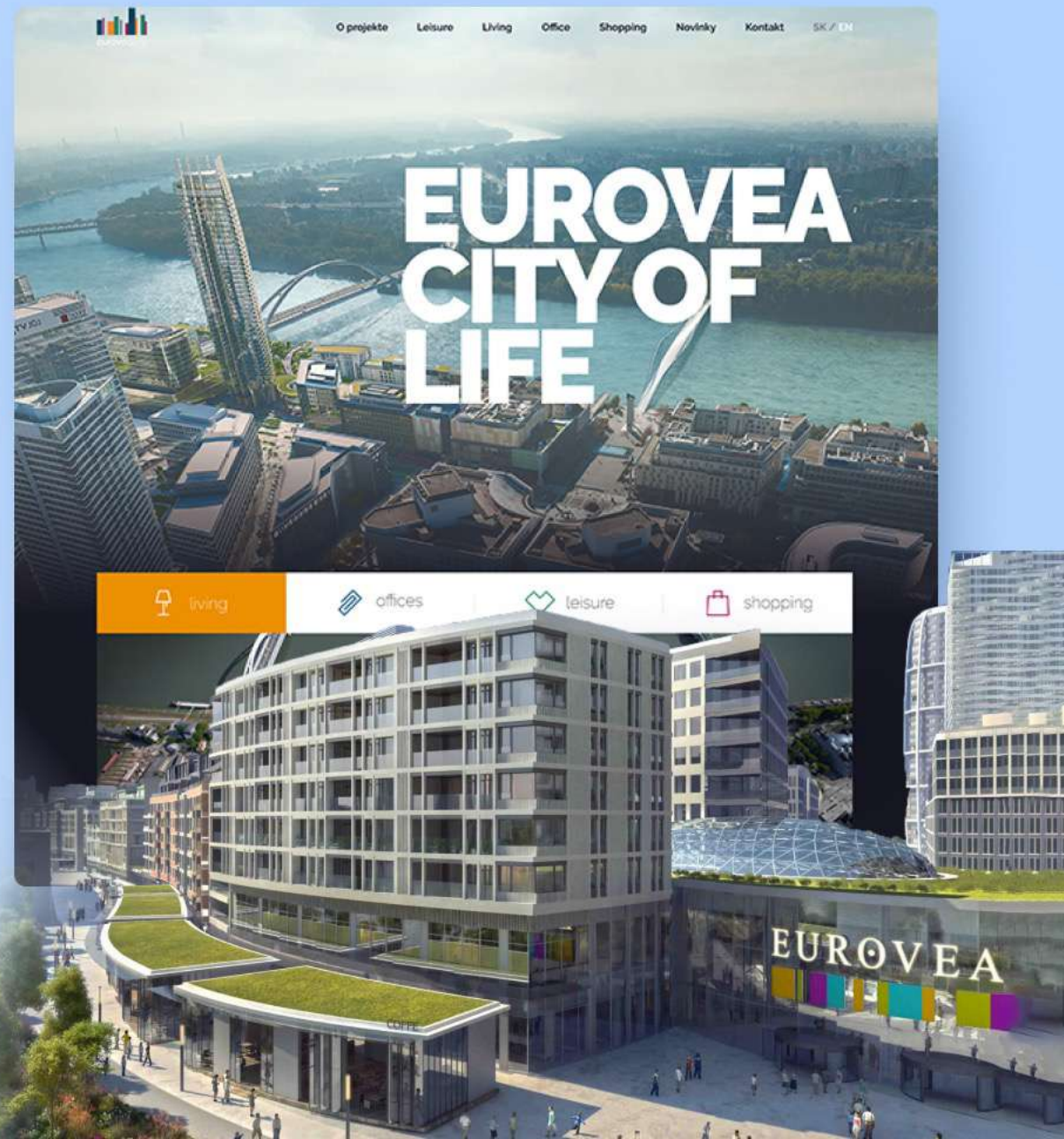






# Web Portal of the Innovative Eurovea City Project

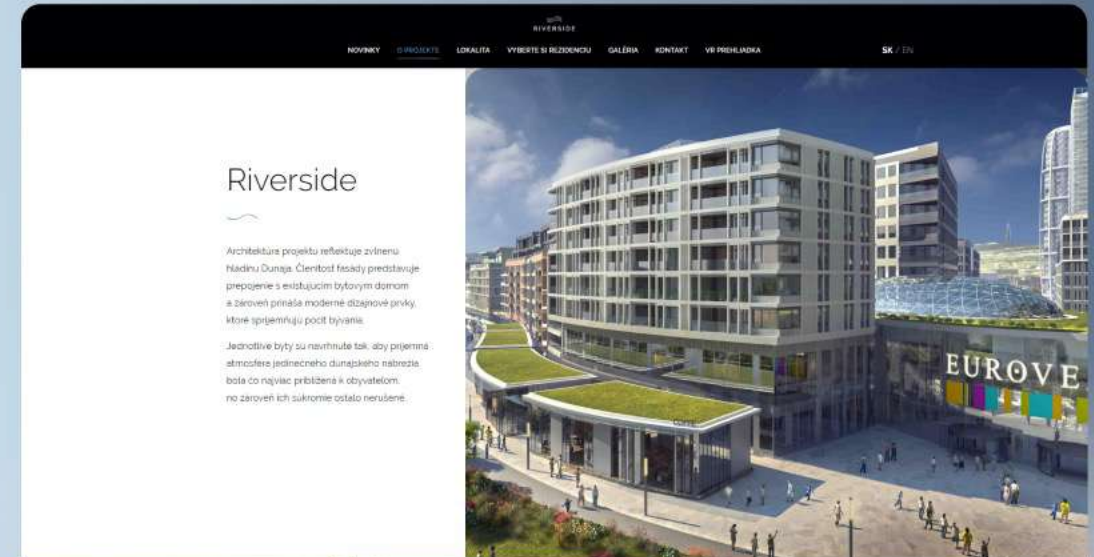
We developed a web portal for the renowned property developer JTRE, showcasing its latest venture, Eurovea City. This website serves as the gateway to the new business, entertainment, residential, and administrative district located in the heart of Slovakia's capital. The primary challenge and goal were to create a user-friendly interface that allows visitors to effortlessly navigate through extensive information and intuitively find their areas of interest.





# Real Estate Web Portal for Eurovea Riverside

We have developed a comprehensive web portal for the new Riverside apartment complex along the Danube embankment. The primary objective was to design a modern, minimalist portal that provides all necessary information in a simple format, while also serving as a stylish tool for brand presentation.





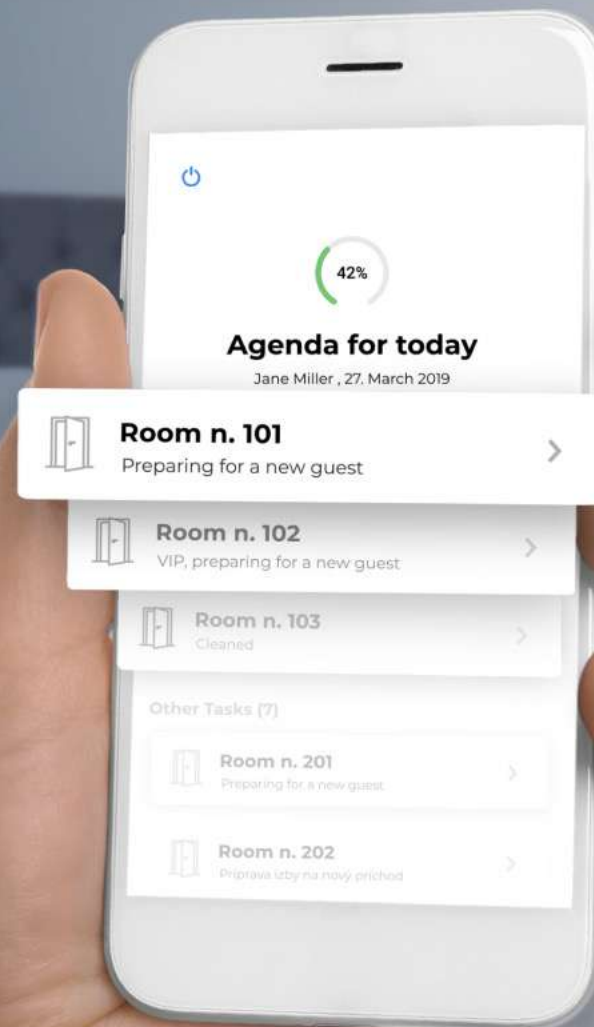
# Custom Web Portal Developed for JTRE Real Estate

We designed and developed a complete presentation web portal for JTRE, a company with over 20 years of experience in the real estate market and numerous successful development projects behind it. We have transformed important information into clear figures and the company's good reputation into testimonials and logos. We did not want to just write about the company's history, we wanted to show it... so we created a clear timeline with important events



# Housekeeping App for Hotel Managers and Chambermaids

The project's centerpiece is a mobile application designed to facilitate communication among the reception, chambermaids, and hotel maintenance staff. This app provides users with detailed task lists, keeping them updated on the room's current status of cleaning and maintenance. It improves task management and work efficiency.



GreenChem

## AR App for AdBlue Producers and Distributors

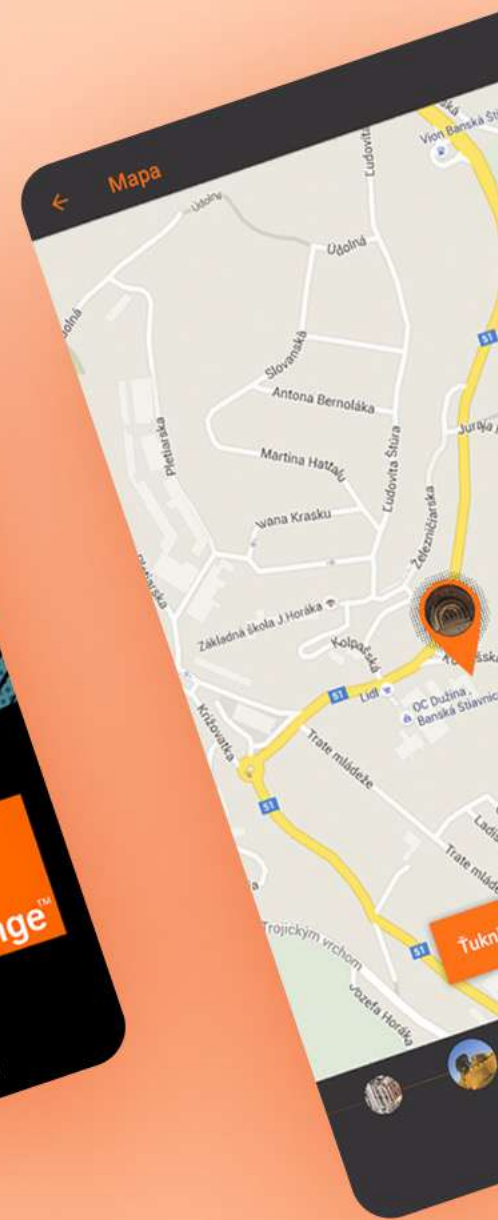
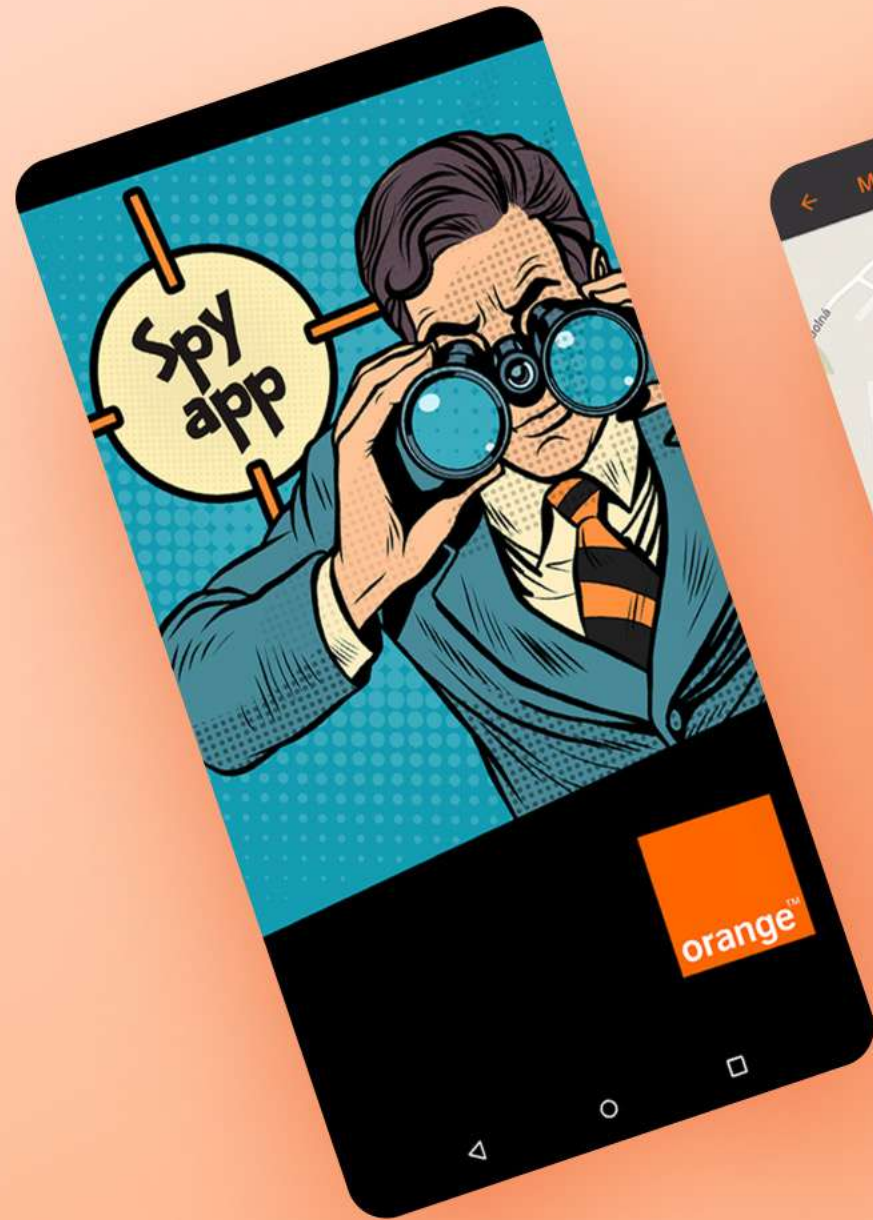
This Augmented Reality mobile application was developed for GreenChem, one of Europe's largest producers and distributors of AdBlue. It enables sales representatives to showcase life-sized 3D models of AdBlue filling systems on-site. This tool is not only useful for facilitating sales but also allows for the quick creation of price offers.





# Mobile Game Powered by iBeacon Technology

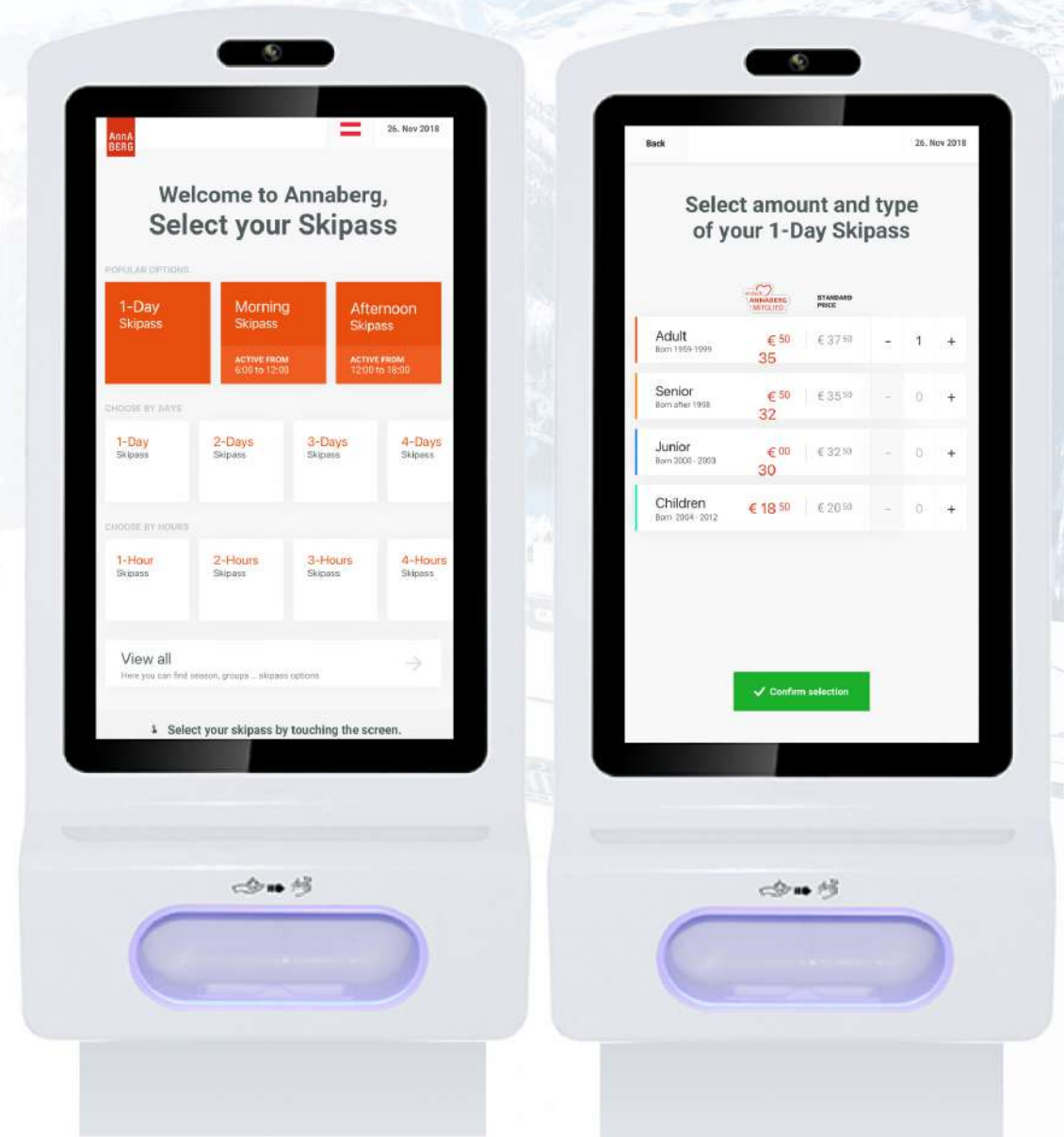
We developed an interactive mobile game featuring iBeacon technology, styled after spy movies, for employees of the Orange telecommunications company as part of a special team-building event in a Slovak city. The game uses location tracking to advance players through various stages and is integrated with numerous minigames, puzzles, and brain teasers.





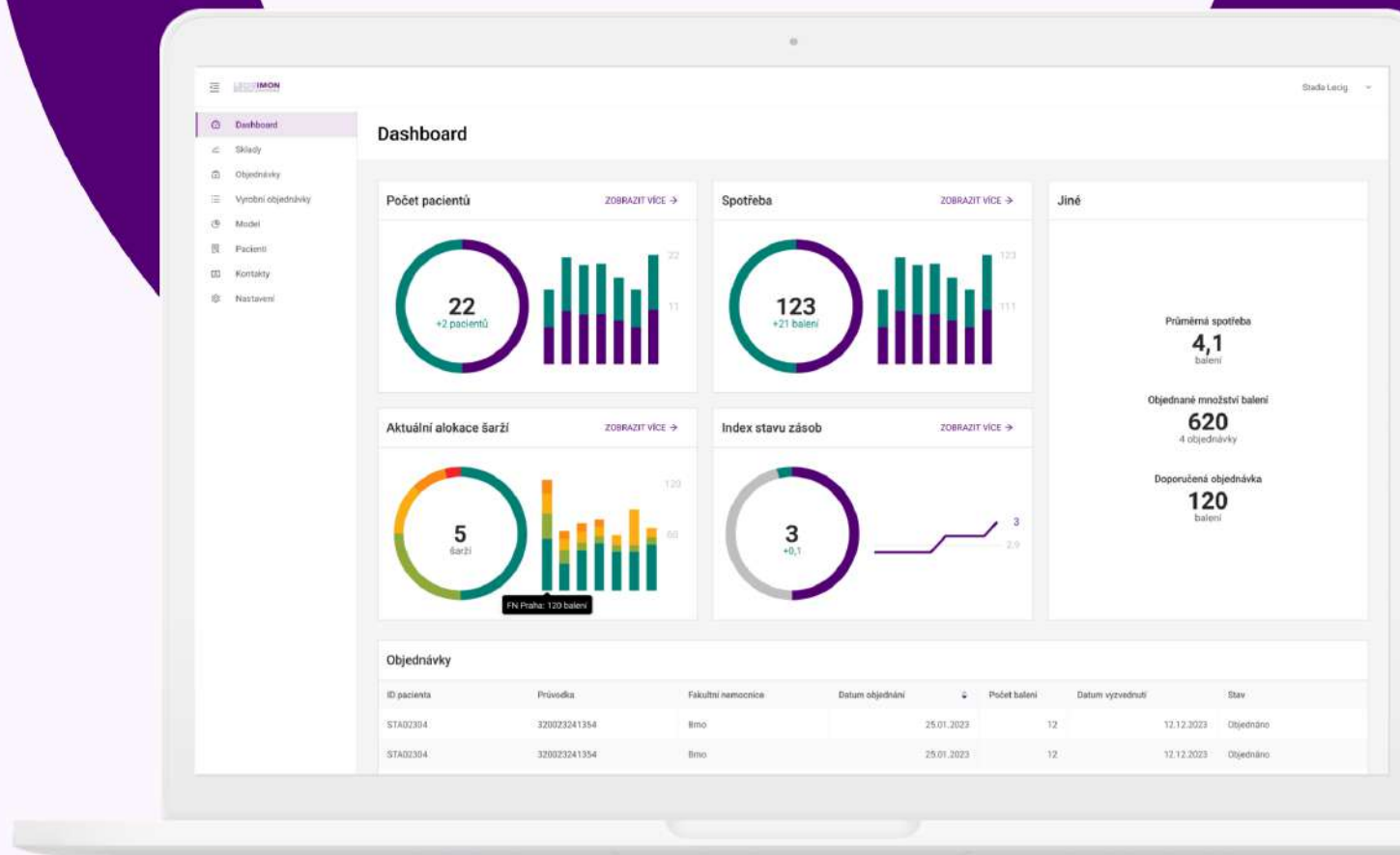
# Kiosk Software for Ticket Sales and Management in Resorts

We developed a tech solution enabling resort visitors to quickly purchase lift tickets and other attractions through kiosks. Our team handled the complete setup, integrating with the POS and financial management systems. This system is deployed at Annaberg ski resort in Austria and Lipno recreational resort in the Czech Republic. The solution streamlines the ticket purchase process, enhancing operations and customer experience. It provides real-time insights into customer behavior, allowing for more personalized and responsive service, thus increasing efficiency and satisfaction.



# Platform for Managing Medication Inventory and Distribution

The primary challenge of this project was ensuring the continuous supply and distribution of Lecigimon, a medication with a short expiration date that requires specific storage conditions. The process takes about six months from ordering to delivery, so there's a risk that the drug could expire before it reaches patients. To address these challenges, we developed a web platform that streamlines the purchasing and distribution of Lecigimon, ensuring patients receive their cartridges promptly and preventing any medication from going unused due to expiration.





## **HOLODECK SPACE**

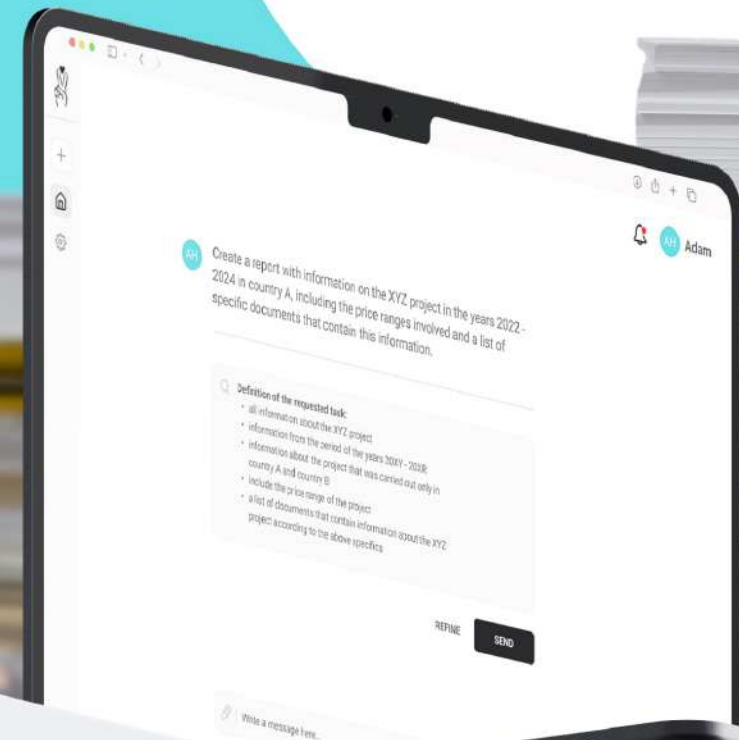
# **The VR Multiplayer Platform Enabling Social Interaction in Shared Virtual Environments**

We developed a unique system for referencing a player's position in physical space and translating it 1:1 to a position in a virtual environment. This means that while players cannot see each other through the VR headset, they can see avatars representing other players' positions. We achieved this while maintaining the lowest latency possible, thus increasing safety for players.



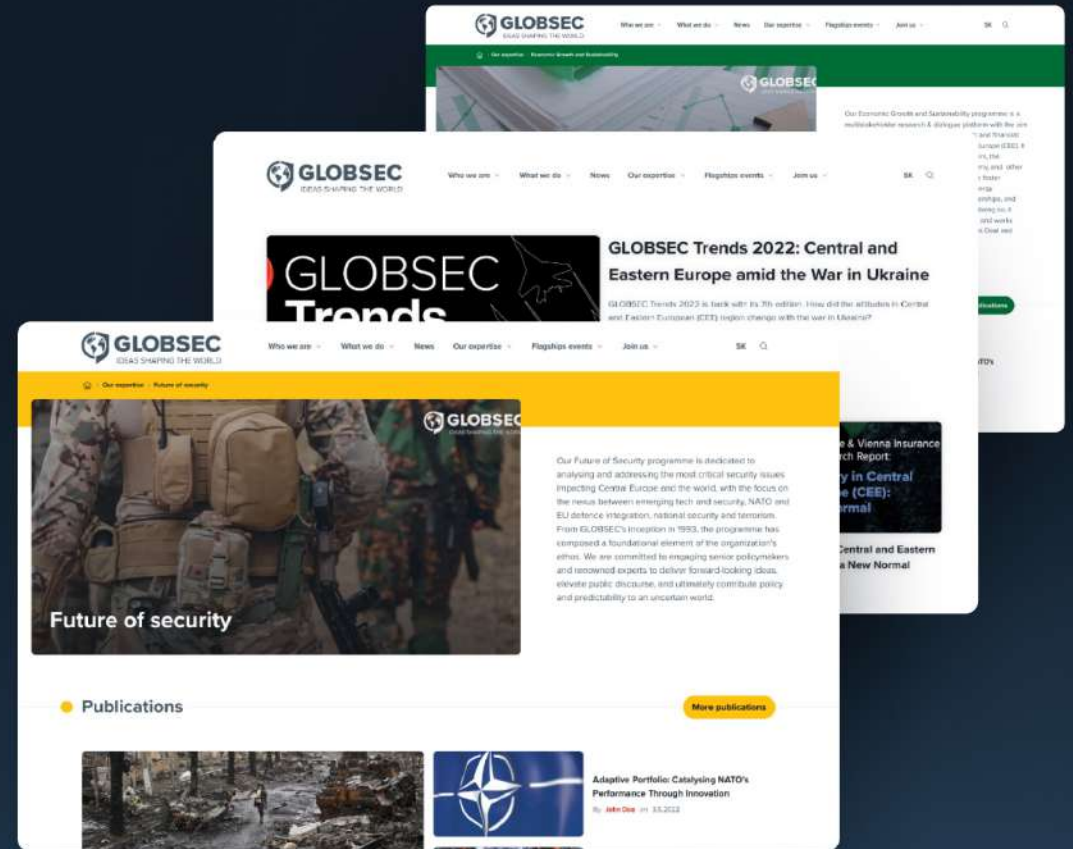
# AI Assistant Transforms Data Retrieval and Boosts Efficiency

We developed an intelligent chatbot with access to complex internal documents about the company's projects—including the project's idea, all detailed information, approval details, project documentation, and project results. It can answer all questions regarding the information in these documents, extract structured data from them, and verify their accuracy. The chatbot can also generate a simple report summarizing all relevant information for the employee it interacts with.



# Web Platform for Sharing Key Global Topics with the Public

We specified, designed, and developed a new web portal for GLOBSEC in collaboration with the client. The result is a fully functional and intuitive portal with simple content filtering and search features and clear pages about events and the organization itself. We incorporated a live feed into the pages and added the option to include links to the live feed with new content



# Let's Discuss How We Can Bring Your Ideas to Life

## Get in Touch!

### US

New York City / Chicago / Austin / Nashville

+1 (646) 552 0724

### Europe

Dublin (Ireland) / Prague (CR) /  
Bratislava (SR)

+421 907 336 676



Google Cloud  
Partner



ISO Certified



Highly Rated  
by Customers