

timspark

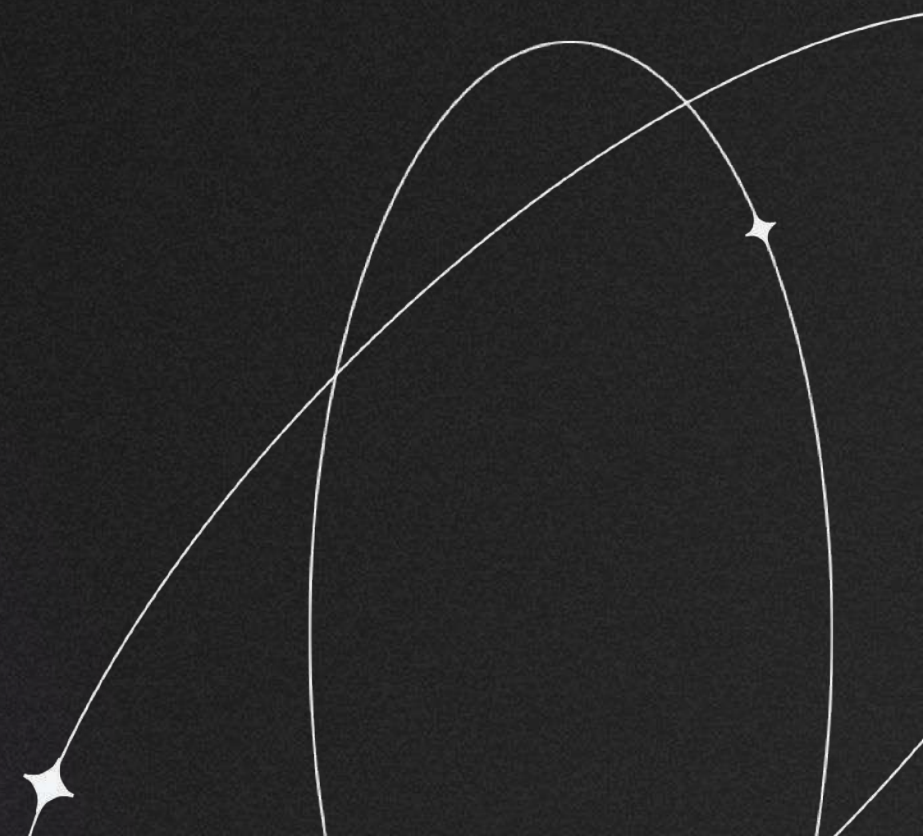
Mobile development
expertise



What is Timspark

A disruptive software development business that strives to provide the highest quality of work to clients who seek to solve their challenges with bespoke technology.

Our unique business model ignites and fosters full-fledged independent development teams and inspires every engineer to deliver outstanding results.



Quick facts

30+

teams onboarded

1000+

vetted engineers involved

800+

projects accomplished

Headquarters in London, UK



Our capabilities



BACK-END



JAVA



PYTHON



NODE.JS



RUBY

.NET



PHP



UNITY



GO



C/C++



RUST

MOBILE APPS



Apple



Android



Flutter



React

BI AND DATA VISUALIZATION



Tableau



Looker



PowerBI



Pyramid

ERP, BPM AND CRM



Pega



SALESFORCE



MS Dynamics



SAP

FRONT-END



REACT



ANGULAR



VUE.JS



JAVASCRIPT



TYPESCRIPT

PLATFORMS



AWS



AZURE



GCP



SAP



SALESFORCE



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.



Core Teams

Pre-built development teams with deep expertise



Dedicated teams

Development units built specifically for your project



Team augmentation

Skilled engineers to enhance your in-house team

Our mobile team profile

7+ years experience

in full-service mobile development

100+ projects

of different complexity and scale

10+ full-fledged teams

with unique expertise

60+ mid-senior developers

with high performance and motivation

Technologies we work with

iOS

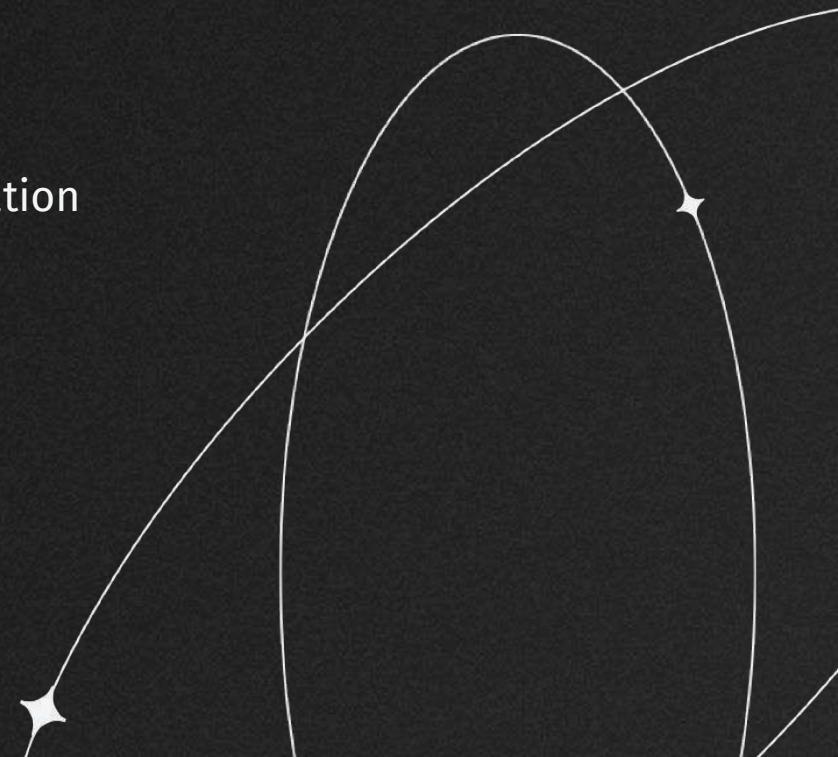
Android

Flutter

React Native

Xamarin

NET. MAUI



Mobile Development Services

Prototyping, PoC, MVP Development

- ✦ reliable products with all the critical features
- ✦ PoC or prototypes to test viability of your idea on the initial level

Audit and Consulting

- ✦ comprehensive assessment identifying action points and areas for improvement
- ✦ detailed product roadmap

Migration and modernization

- ✦ holistic QA (testing throughout the whole development cycle)
- ✦ compliance with regulations (GDPR, HIPAA, PSI DSS and FISMA)

Testing

- ✦ upgrade to the latest technology standards
- ✦ enhanced security and scalability

Architecture Designing

- ✦ scalable architecture
- ✦ clear design patterns

UI/UX Design

- ✦ clear and engaging interfaces
- ✦ smooth friction-free user experience



Industries



Business
Management



Retail &
eCommerce



Transportation &
Logistics



Media &
Entertainment



Finance &
Banking



Healthcare



Tourism



Social networks



Education



Security

Technical Expertise

Audio & video
streaming



Audio & video
conferencing



Biometric sensors



Internal & external
payments



Voice assistant



Geographical
tracking



BLE communication



Interaction with
custom devices



Mobile Business
Intelligence



QR scanners



Real time chats



Time tracking



Augmented Reality



NFC and RFID
interaction



Chart visualization



Applications from
scratch



Native mobile applications

Our squads of seasoned developers armed with cutting-edge Android and iOS technologies can create secure, robust, and scalable applications compatible with a broad range of devices.

We adhere to the quality standards established by Apple and Google, ensuring a seamless app upload to the App Store and Play Market.

Native Android



Native iOS



E-payment platform with mobile banking apps

✓ Completed project

🕒 10,000+ hours

Banking

CHALLENGE

Our client was chosen as a general contractor for a government project. The objective was to create reliable, secure, transparent, and easy-to-use software for instant electronic payments within one country.

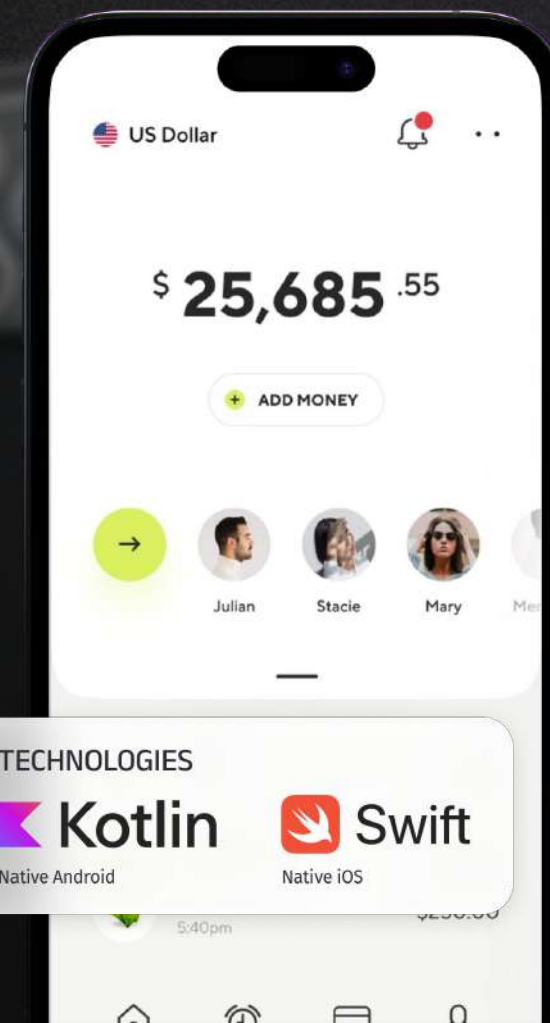
SOLUTION

Our team contributed to developing the e-payment application infrastructure, a PSD2-compliant API (open banking platform), and a digital bank module, allowing individual and business users to carry out various financial operations online.

HIGHLIGHTS ✨

Our team developed iOS and Android applications from the ground up, with instant payment functionalities (P2P, C2B, B2B) and banking account management.

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



Trading mobile application

✓ Completed project

Finance

CHALLENGE

Create a remote platform for managing investments.

SOLUTION

Apps for Android and iOS allowing remote managing of investment assets, including selecting, buying, selling, and redeeming shares within a convenient interface. Users can also operate a separate investment account by changing readings, depositing or withdrawing funds with bank cards.

HIGHLIGHTS ✨

The app's interface enables selecting mutual funds based on various criteria, such as risk level, preferred investment object, and asset currency.

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



Multifunctional financial applications

✦ Ongoing project

🕒 9,600 hours

CHALLENGE

Develop financial managers and banking applications for several customers

SOLUTION

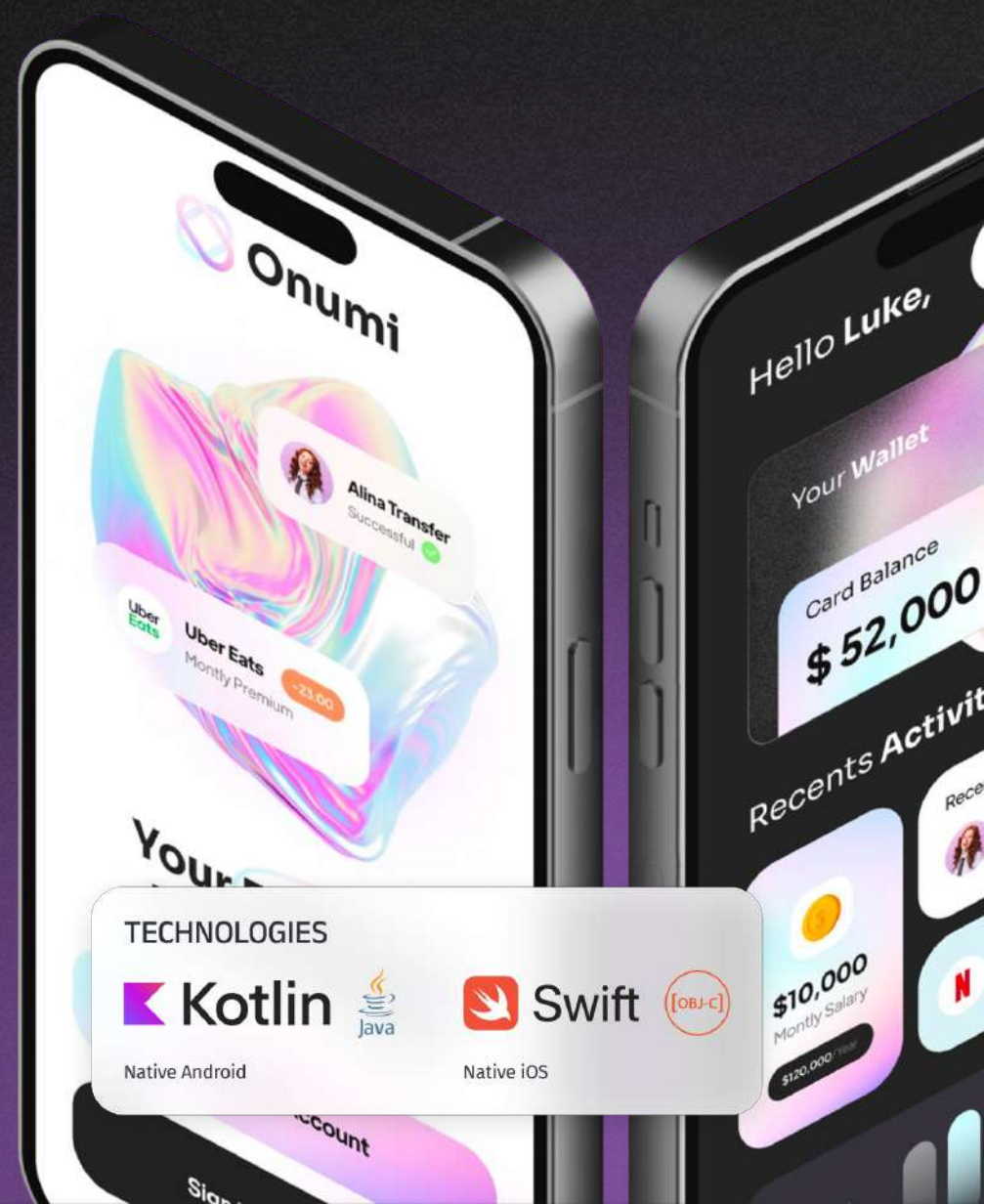
Within a period of 20 months, the team developed four applications with various functionality:

- ✦ management of transaction history, online credit, and deposit opening capabilities
- ✦ ability to track the market status and stocks
- ✦ financial currency converter, including crypto
- ✦ generating the user's route to the nearest bank branch/ATM/info kiosk

HIGHLIGHTS ✦

As part of the quality analysis service for one of the applications developed, the team earned more than 2 out of 10 points.

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



Mobile endpoint security app

✳ Ongoing project

🕒 21,120 hours

Software and Services

Security

CHALLENGE

Create an MES solution to close the security gap on mobile devices of the company's employees.

SOLUTION

Lightweight native app for iOS and Android that provides comprehensive risk management with minimum effort from the end user's side. The app scans the employee's device for vulnerabilities, detecting insecure traffic, spam calls, or malicious activity during in-app purchases. If any suspicious activity is detected, the endpoint is automatically quarantined, and easy-to-follow self-remediation instructions are provided.

HIGHLIGHTS ✨

The team reduced battery consumption by an impressive 30% for the Android app.

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



The future of
security

Sign up for access to our beta, and a chance
at receiving 1GB cloud for free

TECHNOLOGIES



Native Android



Native iOS



Mobile security application

✓ Completed project

Security

CHALLENGE

To build a reliable tool for secure storage and confirmation of documents through a digital signature, with the data being stored on the blockchain.

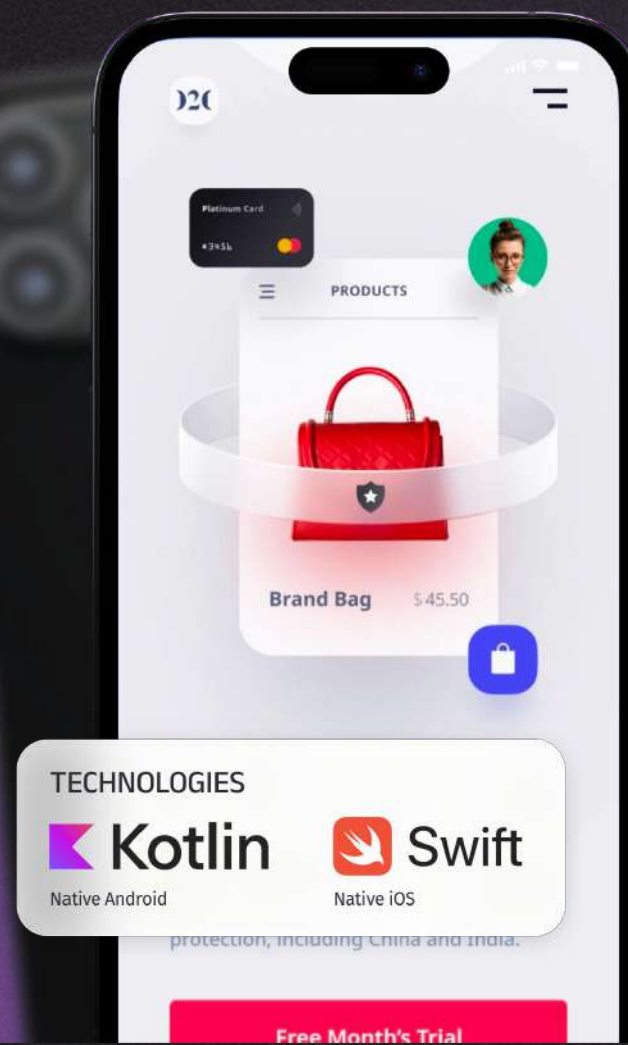
SOLUTION

We cooperated with the client from the front-end development side to create an iOS and Android application for individuals and businesses that would allow them to securely store, sign, download, and share documents within a blockchain system. The app scans the device for vulnerabilities, checks for malicious files, monitors network status, safeguards against phishing attacks, and provides security recommendations.

HIGHLIGHTS ♦

Currently, the app has over 1.5 million active and 8 million passive users, ensuring their data is always secure.

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



App for identification verification and screening

✓ Completed project

🕒 11,520 hours

Software and Services

Security

CHALLENGE

B2B solution for screening and identity verification.

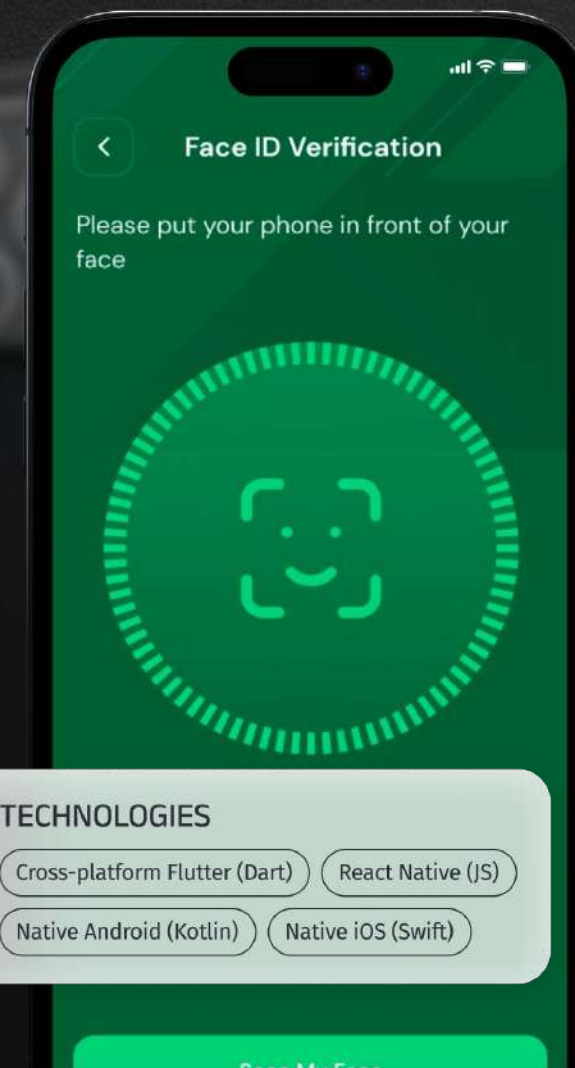
SOLUTION

Our team worked closely with the customer to ensure seamless integration of these SDKs into the new application, providing expert guidance and support. The resulting cross-platform application is equipped with a wide range of features designed to enhance KYC (know your customer), KYB (know your business), and AML (anti-money laundering) processes. These features include face biometrics capture through the user's camera, data collection on the user's current geolocation, and obtaining data on user's identity documents.

HIGHLIGHTS ✨

During the release of a new version, the team ensured transparency for their clients and supported SDK integration into different projects.

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



Entertainment multi-functional super app

✓ Completed project

🕒 17,280 hours

Media and Entertainment

Social networks

CHALLENGE

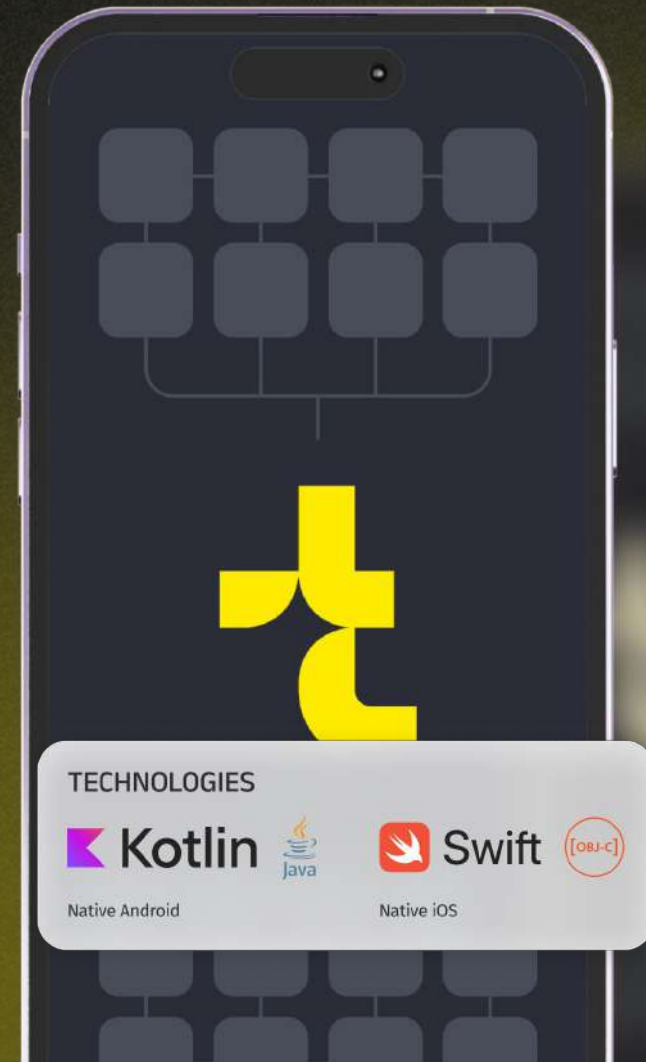
Create a super app as a one-stop solution for users' communication and entertainment.

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.

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



Scalable platform for delivery

✓ Completed project

Transportation and Logistics

CHALLENGE

Develop an application on iOS and Android from scratch for online ordering and food delivery.

SOLUTION

The app that offers delivery services 24/7. Users can easily search for nearby cafes, restaurants, and shops by entering their addresses. The app also offers courier delivery services, where users need to provide their contact information, address, contacts, and package size. Users choose their preferred payment method and can track the courier's movement in real time.

HIGHLIGHTS ✨

The company plans to extend its services by adding hotel booking, car rental, and utility bill payment options. Therefore, the solution was built to be scalable in the future.

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



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 distractive 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.



AR-Based Sightseeing App

Tourism

Augmented Reality

CHALLENGE

Build an application with the augmented reality module that enables users to witness historical events and visualize lost artifacts in 3D.

SOLUTION

Built-in Google maps and geolocation features allow tourists to easily navigate in unfamiliar cities and discover nearby attractions. With an immersive and educational experience through audio guides, videos, and 3D models in augmented reality format users can gain a deeper understanding of historical landmarks.

Additionally, the app provides the unique opportunity for tourists to take photos with historical characters or objects in AR, and then download them for offline access, add to favorites, and share with friends.

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



Medical app for wound diagnosis and treatment

✓ Completed project

🕒 11,520 hours

🏥 Healthcare

CHALLENGE

Develop an application for medical staff to help perform diagnosis, monitoring, and treatment of all kinds of wounds.

SOLUTION

Our team refactored the legacy code, applied modularization and implemented modern architectural solutions and approaches, thus optimizing and improving app performance.

Implementing a Bridge class made it possible to use a C++ library, thus giving benefits for the end user: the application provides automatic calculation of external wound data, including depth, width, and degree of wound healing.

The app enables medical specialists to determine the wound temperature regime with the connection to external connected equipment, as well as implementation of POC for bacterial/fluorescent images.

HIGHLIGHTS ✨

For the test stage, the team re-created wound prototypes out of plasticine.

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



Healthcare 3D printing app

✓ Completed project

🕒 5,760 hours

Healthcare

CHALLENGE

Create an app to identify a person's foot with the help of computer vision and machine learning.

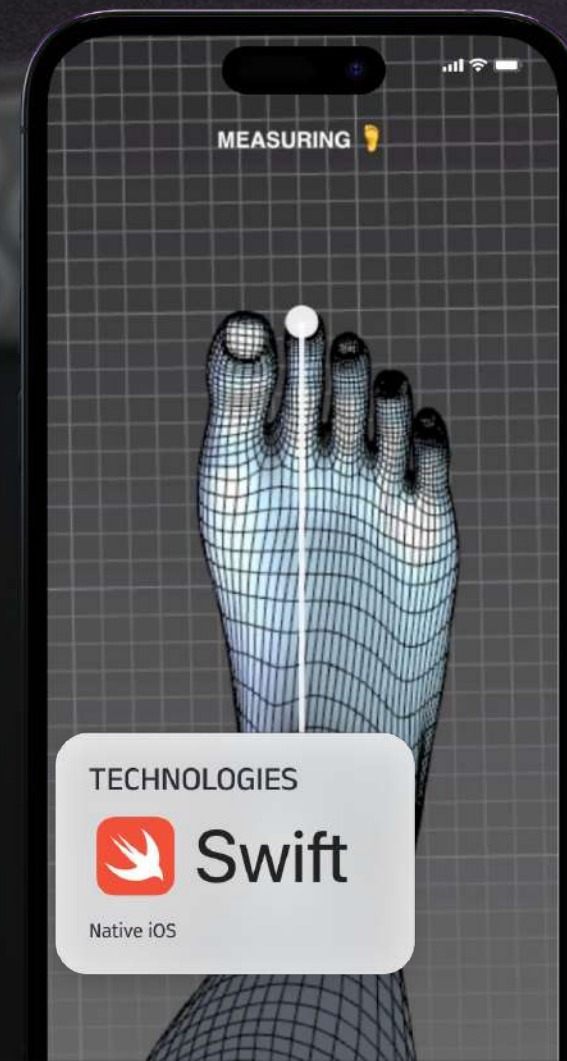
SOLUTION

The team developed an app that performs high-precision scanning of the foot to create its 3D model applying FaceID and TrueDepth Camera technologies. The app converts the model to a format that a 3D printer can understand, so the end user can later print a model of the foot and remotely create an orthopedic insole.

HIGHLIGHTS ✨

The team was the app alpha testers checking the precision of the models.

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



Mobile services management app

✓ Completed project

Healthcare

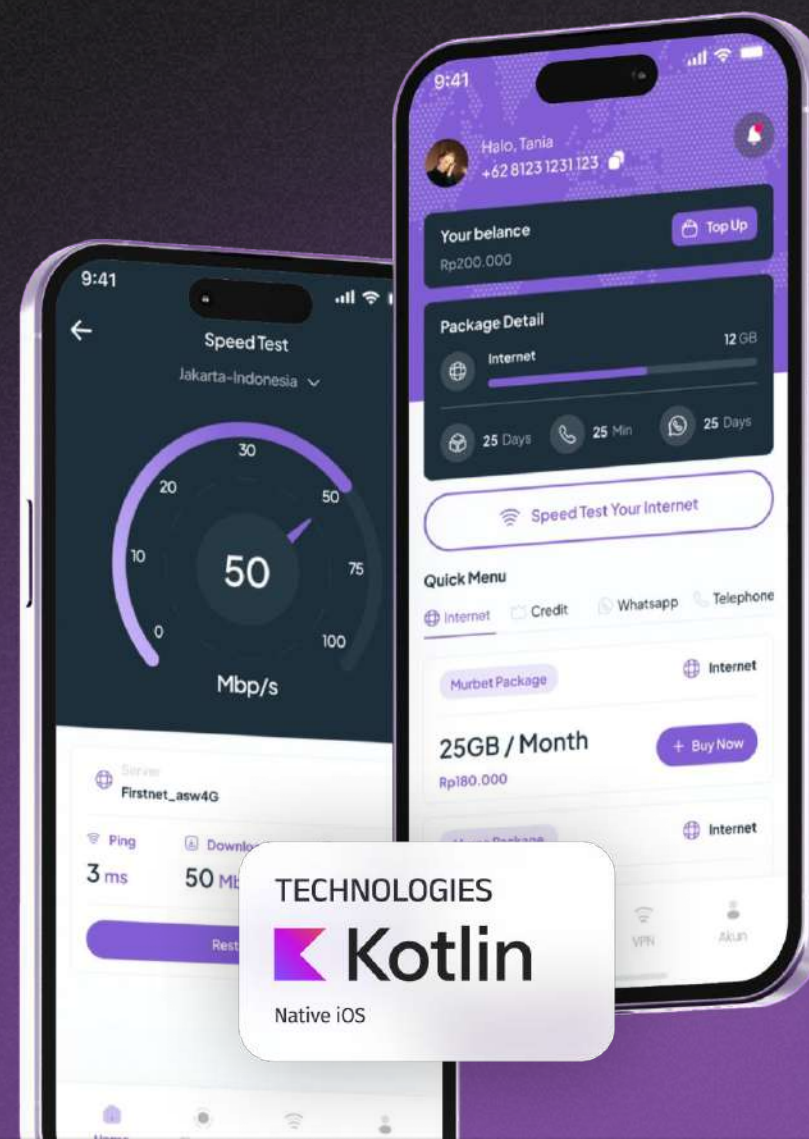
CHALLENGE

A mobile Android application for managing the ecosystem services of a large European mobile provider.

SOLUTION

The team developed a mobile Android application to manage mobile services, home internet, and TV. This intuitive and high-performance app allows managing phone numbers, add widgets, top up account balances, check account status, and contact technical support, ensuring the robust security of personal information. Its comprehensive functionality provides a one-stop shop for managing mobile accounts. Users can easily subscribe to helpful services within the application, such as spam blocking, entertainment apps, and automatic notifications for pre-set parameters.

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



VR application

✧ Ongoing project

🕒 1,920 hours

Retail & e-Commerce

CHALLENGE

Develop a commercial application implementing AR for a large European retailer.

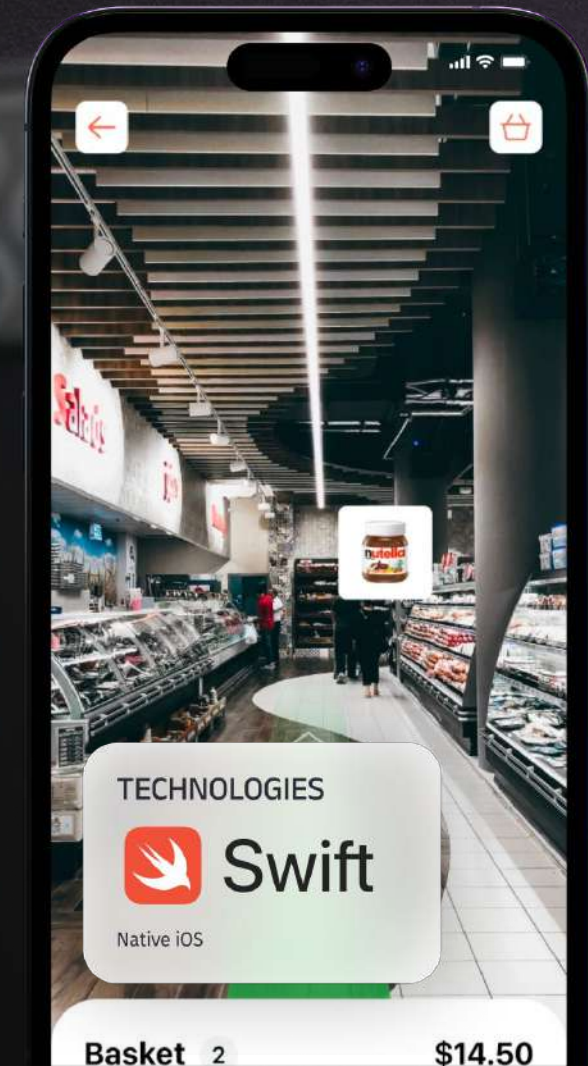
SOLUTION

Using AR technology helped to showcase goods for the customers better and increase purchases in the app. The application scans specific objects and the environment around the user. It demonstrates the capabilities of the iPhone as a personal assistant, as well as the team, which has accumulated profound expertise in AR-related products.

HIGHLIGHTS ✦

- ✦ the team provided the PoC within **three** days and the MVP within **four** weeks
- ✦ **four** developers in the team were simultaneously working on the tasks

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



Cross-platform applications

If you are looking for a faster time-to-market and a versatile app as a one-stop-shop, our expert mobile developers will build a cross-platform app that functions seamlessly on different mobile platforms, just like native apps, and without jeopardizing performance.

Technologies we work with



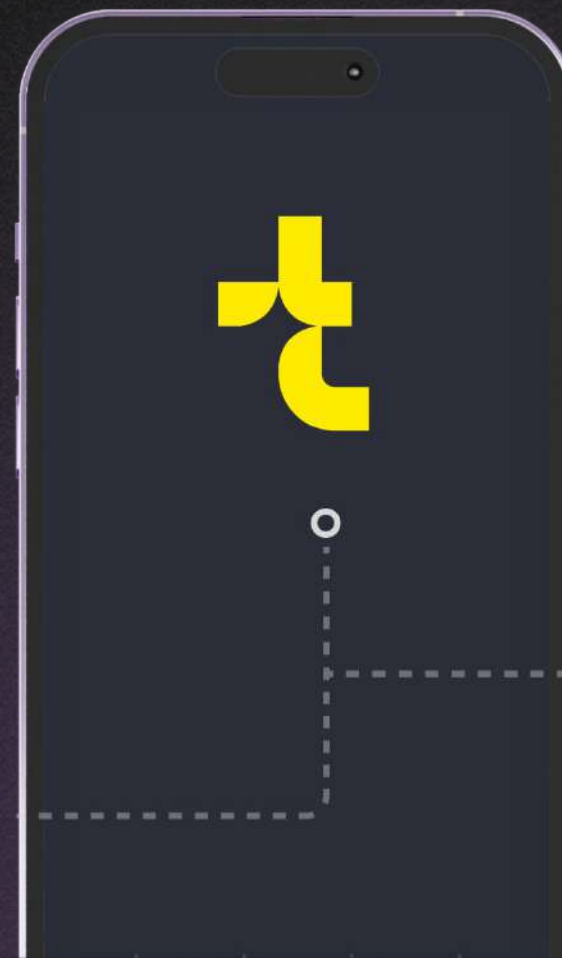
Flutter



React Native



unity



iOS





Marketplace blockchain-based application

✦ Ongoing project

🕒 5,760 hours

Finance

CHALLENGE

Create a white-label blockchain-based marketplace for buying, exchanging, and selling crypto and fiat.

SOLUTION

The app is being developed within Extreme Programming framework, with the aim to provide high software quality and enhance responsiveness to customer requirements.

This marketplace solution offers enhanced security to the users, keeping their transactional information impervious to breaches and thefts. Users can conduct transactions with peace of mind, knowing that their sensitive information is safe and secure, ensured with special features, such as request signatures, pin code and blur appearing when the app is minimized.

HIGHLIGHTS ✦

The team delivers from 1 to 3 releases every other day.

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

Remote patient care app

✓ Completed project

Healthcare

Telemedicine

CHALLENGE

Create a medical application for remote consultations and embedded payment.

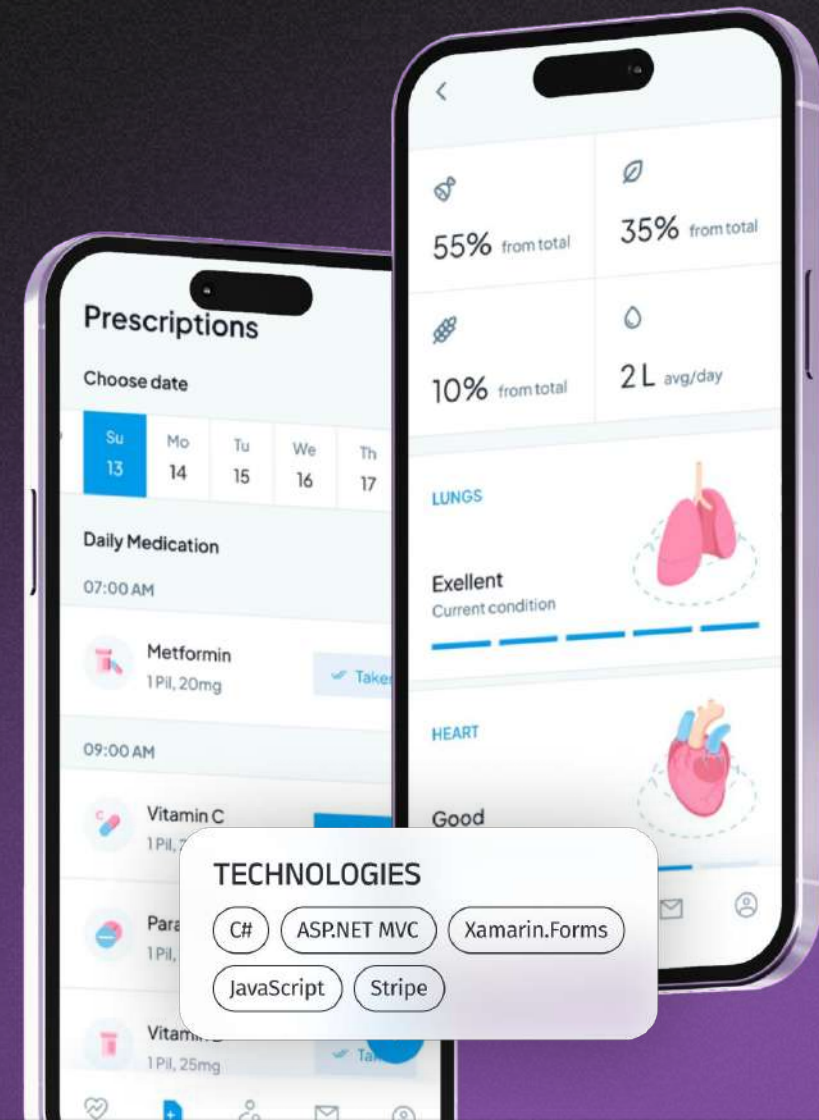
SOLUTION

The app enables patients to schedule appointments with doctors remotely thanks to a video conferencing tool for remote consultations and Stripe as an embedded payment tool. Once registered, the patient selects their preferred method of communication, such as phone, video, or chat, and searches for a specialist. The search results display specialists who are currently available or who can be scheduled later. Before the appointment, patients can enter their symptoms and attach files with available test results to provide the doctor with more information.

HIGHLIGHTS ♦

Targeted in US market, the app is fully compliant with HIPAA regulations and has seamless integration capabilities with EHR/EMR systems, third-party applications, and practice management software.

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



Smart home management app

✓ Completed project

IOT

Security

CHALLENGE

The customer — an EU-based IT enterprise specializing in custom and platform-based software for smart homes — sought a solution that could be scaled seamlessly.

SOLUTION

We built a platform that manages household appliances and enables seamless interaction among digital devices without human mediation.

Users can remotely control household appliances, adjust power settings, and set timers. Powered by AI and ML, the application intelligently evaluates users' habits, determines consumption patterns, and accurately predicts user behavior. Users can access the application through mobile and web platforms.

HIGHLIGHTS ✦

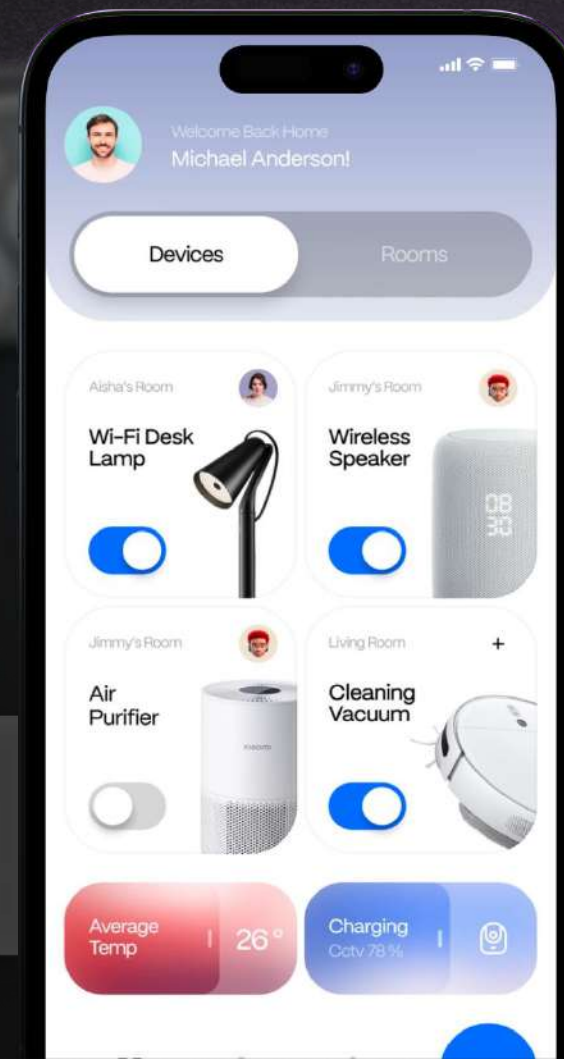
During the release of a new version, the team ensured transparency for their clients and provided support on the SDK integration into different projects.

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

TECHNOLOGIES



React Native



Project and task management application

✓ Completed project

Business management

IT

CHALLENGE

Develop mobile and web solutions for project management, task tracking, and data sharing.

SOLUTION

The IT outsourcing solution developed by our team enables employees to communicate efficiently with each other through common chat channels. The end users can assign tasks and subtasks, categorize them as new or completed, and track the time required for their completion. Furthermore, users can view payments from the company and see a list of all previous transactions by linking their card or IBAN to the application.

HIGHLIGHTS ✦

The team integrated a third-party Next Cloud server to enhance file management capabilities and added a built-in API solution to enable fast and easy downloads to the user's smartphone.

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



Car showrooms mobile app

✓ Completed project

Transportation

CHALLENGE

A corporate solution for car dealerships that enables users to access the complete history of vehicle operation.

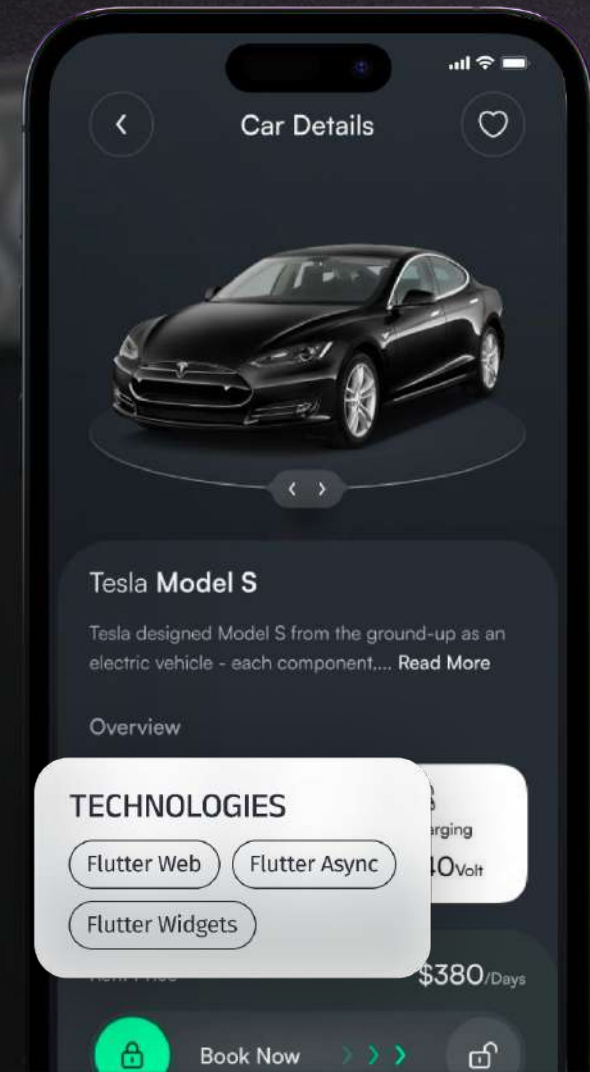
SOLUTION

The application keeps track of all information about the vehicle's usage and maintenance, with the transparency of entered data ensured through blockchain technology. Once the data is entered, it cannot be modified. With the app, users can log the machine numbers and fill in details about repairs and refueling quantities. The application can also read the vehicle's maintenance and condition information from built-in electronic sensors at the service station, automatically updating the data in the app.

HIGHLIGHTS ♦

The team integrated a third-party Next Cloud server to enhance file management capabilities and added a built-in API solution to enable fast and easy downloads to the user's smartphone.

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



Application for virtual education tours

✓ Completed project

Education

VR

CHALLENGE

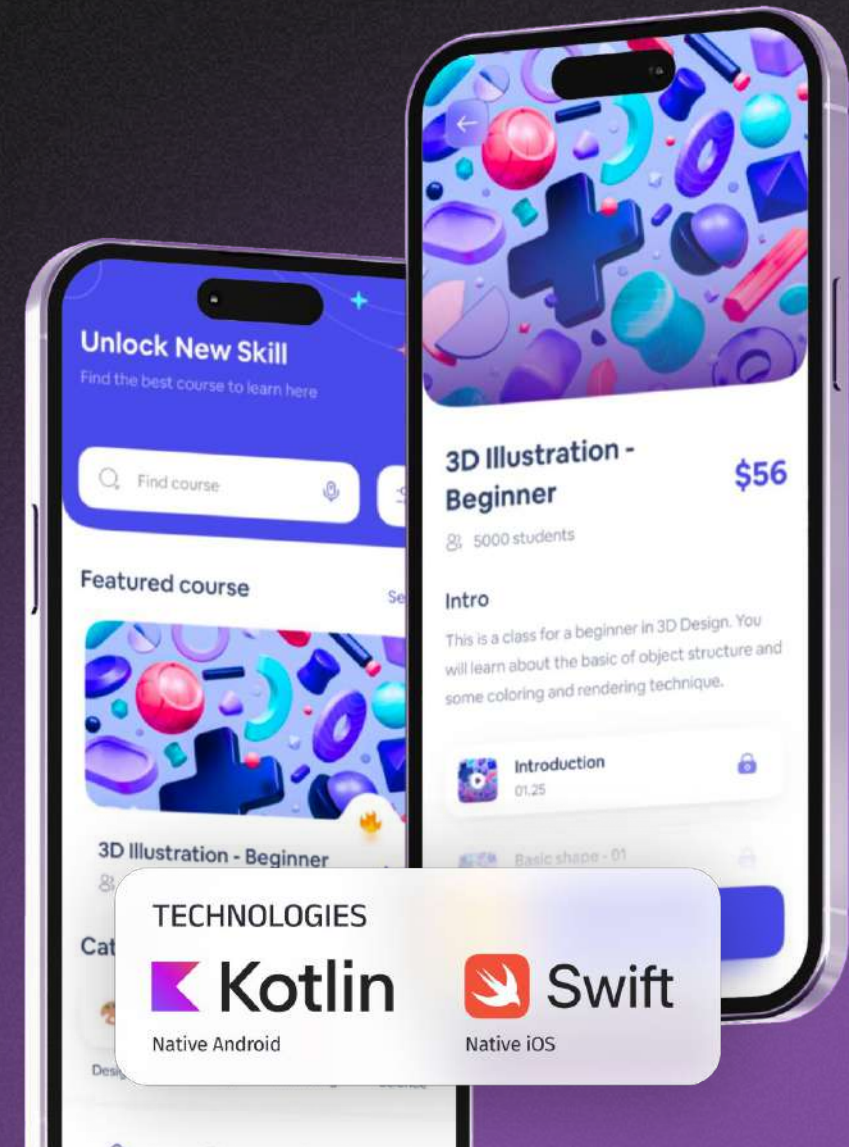
Develop an app that allows teachers to create engaging virtual tours for the lessons.

SOLUTION

The web application helps to conduct practical training sessions with augmented reality. With our app, teachers can upload 360° panoramic photos displayed on students' smartphones in VR mode, allowing them to explore and interact with virtual environments.

To make lessons more informative, teachers can add labels with explanatory text and thematic pictures to the panoramic photo and upload files with audio accompaniment. Thus students have the flexibility to learn on their own or with the guidance of a teacher. Additionally, they can view the downloaded panoramas offline.

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



Keen to **explore** this 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



Alex Velesnitski

Chief Technology Officer

✉ alex.velesnitski@timspark.com

