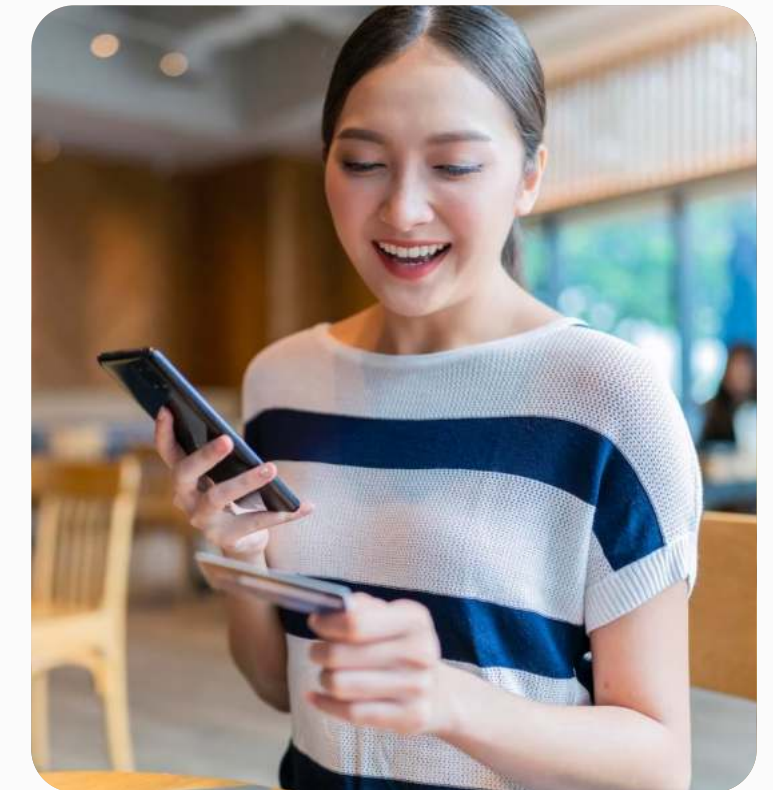


SYNODUS Fintech Software Development

Table of content

Who we are	04
What we offer	05
Our Services	06
Our Solutions	07
Our Compliance	08
Who we help	
Our Clients	09
Cases Studies	10
How we work together	40



More than **65%** of global consumers have used at least one fintech service or platform in the last 4 years, and the number will keep growing!

→ **Unlock your business potential with Synodus' full-fledged services**

- **Who we are**

Synodus is derived from “Synergy”.
Let’s work together to achieve greater.

Meet Synodus - not your everyday software development outfit. We're a passionate, partner-centric crew with a knack for making win-win scenarios a reality. Our deep domain expertise sets us apart. We're not just developers; we're fintech visionaries.

Our mission is clear: to be your spark plug for success, laying the groundwork for your fintech venture. From fintech startups to industry giants, our tailored solutions redefine your success.



05+

Years of Experiences

250+

IT Specialists

88%

Recurring Customers

100+

Projects

We embrace courage to realize extraordinary feats.

Let's build tomorrow today, navigating uncharted territories, turning bold aspirations into extraordinary realities. Ready for greatness?

Reflecting on our journey in fintech, here's how far we've come.

Digital Banking

Real Estate Tokenization

Credit Scoring & Risk Management

KYC/AML Solutions

E-Ticket System

Digital E-wallet

Crypto Exchange

Stock Exchange

Crowdfunding Platform

P2P Lending



• Our Services



Custom Software Development

Driven by user-centric approach, we leverage a high-performing toolset to finely craft applications that best align with your business model.



UX/UI Design

Finance doesn't have to be bland. Let's create a pleasant user experience with a human touch and seamless UI for your Fintech apps.



Financial Digital Transformation

Swiftly upgrade your current system with Synodus and reap the emerging technologies for sustainable growth.



Blockchain Development

Growing with utmost confidence by utilizing Blockchain for higher security, encrypted data exchange, and fewer third parties in transactions.



Data Analytics

Interpret your raw data into actionable insights with our exclusive AI & Big Data solution for Finance.



Software Engineer Augmentation

Tackle your tech demand with our dedicated developers who work in sync with your team and have been tested through multiple projects.

• What can we build together?

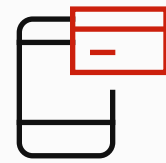
There's no limit when we partner together. Synodus focuses on results.

Entrust us to handle your technical requirements.



Digital Banking

- Mobile Banking Apps
- AI Chatbots for Customer Support
- Digital Identity Verification
- Credit Scoring and Loan Management



Payment Solutions

- Payment Gateway Integration
- Cryptocurrency Wallets
- Cross-Border Payment Solutions



Personal Finance and Analytics:

- Personal Finance Management Apps
- Data Analytics and Business Intelligence
- Robo Advisors



Risk Management & Compliance

- Risk Management Systems
- Regulatory Compliance Solutions
- KYC and AML Solutions
- RegTech (Regulatory Technology)



Blockchain Solutions

- P2P Lending Platform
- Crypto Wallets
- Trading Platform
- NFT Marketplace
- Crowdfunding Platform
- Tokenization



Cloud Solutions

- Cloud Migration
- Cloud Modernization
- Cloud-based Application

• Our Compliance

Trust is Earned Through Accreditations



SOC 2 Type I
& Type II



ISO 27001



GDPR



AML/KYC



HIPAA



FISMA



PCI DSS



PSD2

• Our clients



“

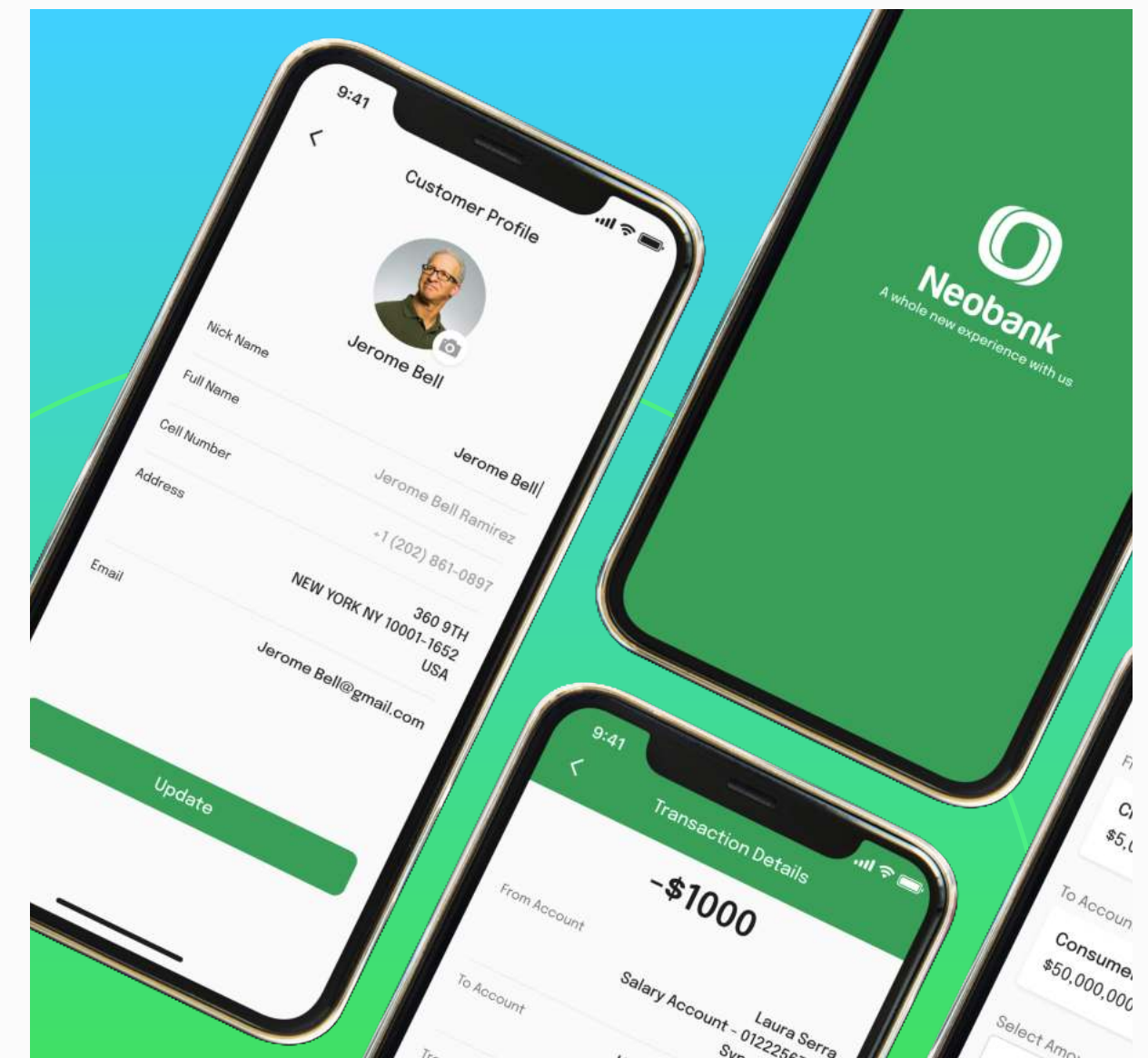
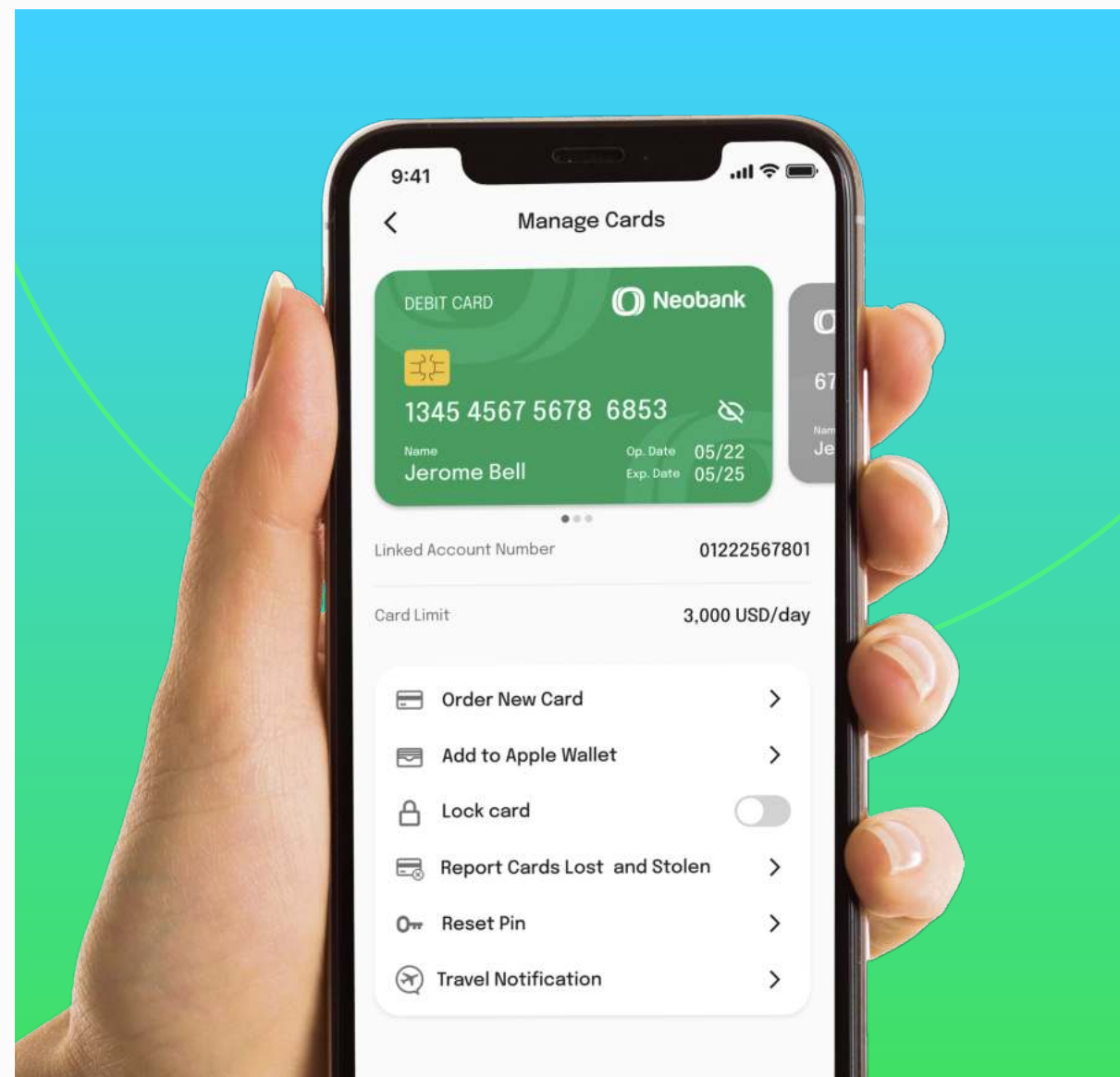
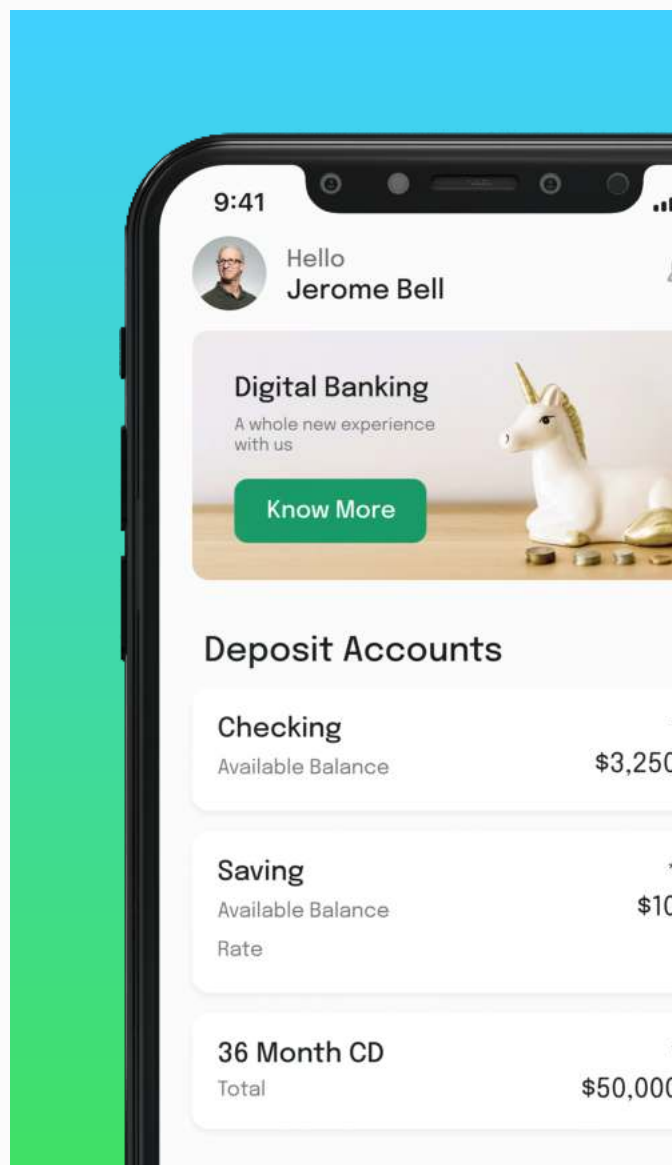
We came to Synodus from our very first days of ideation. They created a new approach to software development for startups and assisted our team in not only technical planning and project implementation but also feasibility study



Adam C. Chaplin
CEO & Founder, DeFi For You

We are proud to be recognized as one of the Top B2B Companies in 2023.





Digital Banking

Empowering SME Banks: The Digital Banking Revolution

Project Overview

Our journey with this project began when an industry visionary, an ex-VP of Technology and Architecture at a leading fintech and payments company, embarked on a mission to transform the banking sector. With over two decades of experience, he sought to create a digital banking platform tailored for medium-sized and small banks. This venture wasn't just about technology; it was about empowering financial institutions to thrive in the digital age.

Tech Stack

Microservices, NodeJS, ReactJS, React Native

Project Completion Time

01 year of work

Team Structure

16 people worked

Monumental Challenge

Building a robust digital banking platform for smaller financial institutions was a monumental challenge. These banks needed a solution that seamlessly integrated core banking systems while offering user-friendly interfaces. Efficiency, security, and scalability were non-negotiable.

Our partnership stood out among global contenders due to our unique offerings: not only developing the platform but also expanding business in the APAC region.

Solution

High-Level Approach & Methodologies

Our approach revolves around a modular, scalable, and API-driven architecture, empowering your digital bank to be nimble and adaptable. Key elements include:

- Modular Architecture for Flexibility
- API-First Strategy for Seamless Integration
- Cloud-Based Infrastructure for Scalability
- Microservices Architecture for Independent Services
- Customer-Centric Features for Exceptional User Experience

The Comprehensive Solution

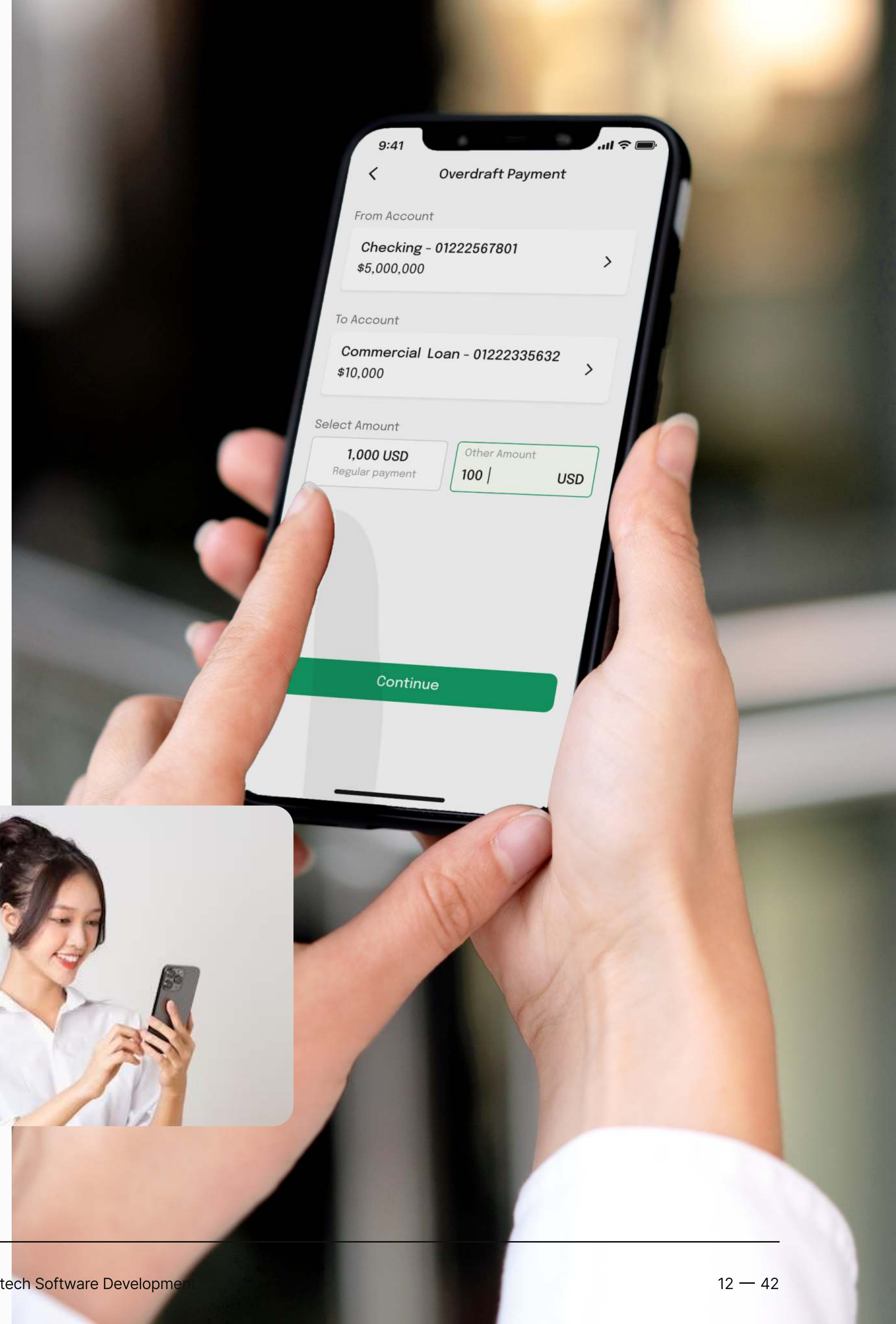
Our digital bank platform as a service (PaaS) relies on an API-first strategy, cloud-based infrastructure, and microservices architecture. Key features include:

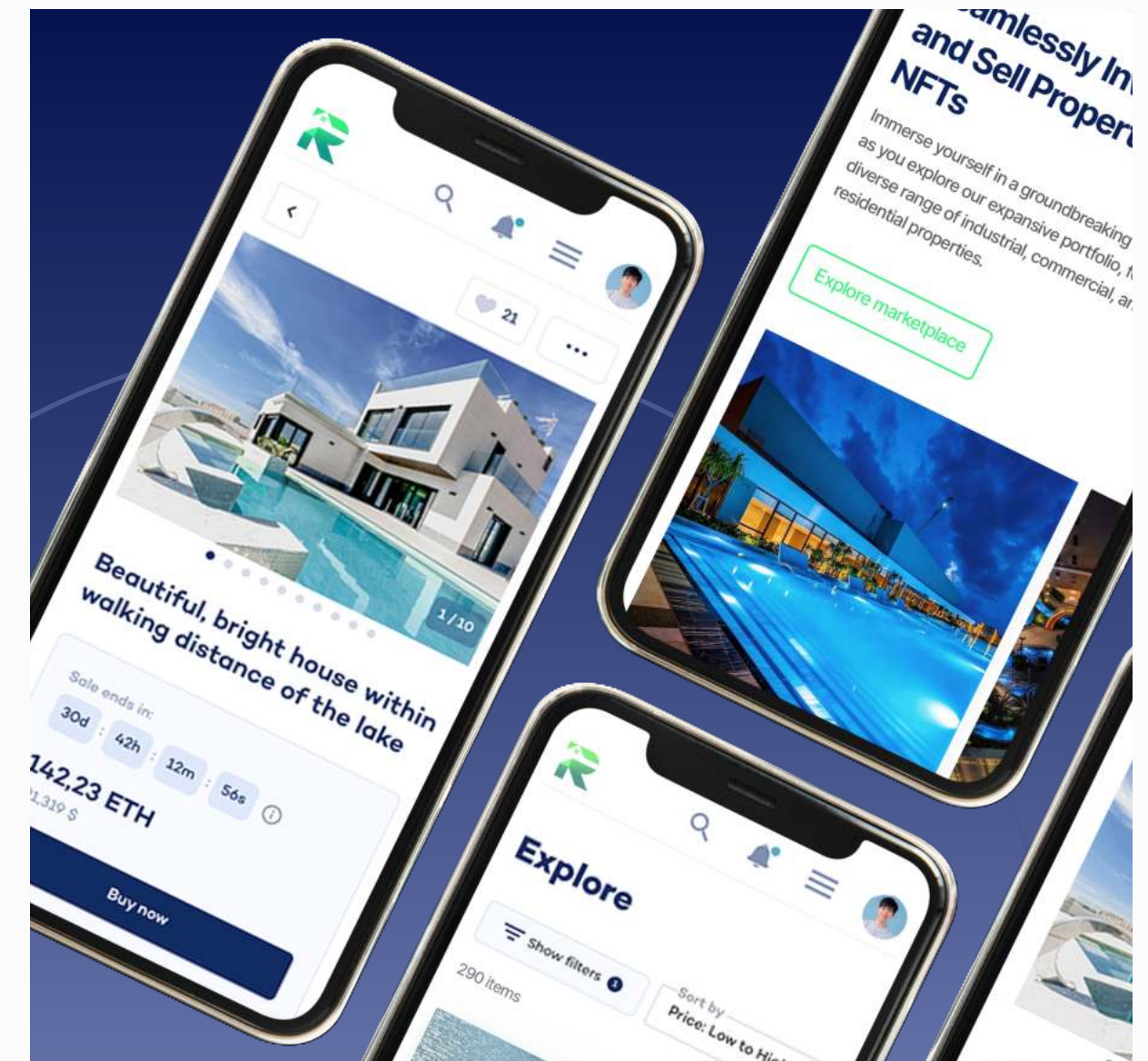
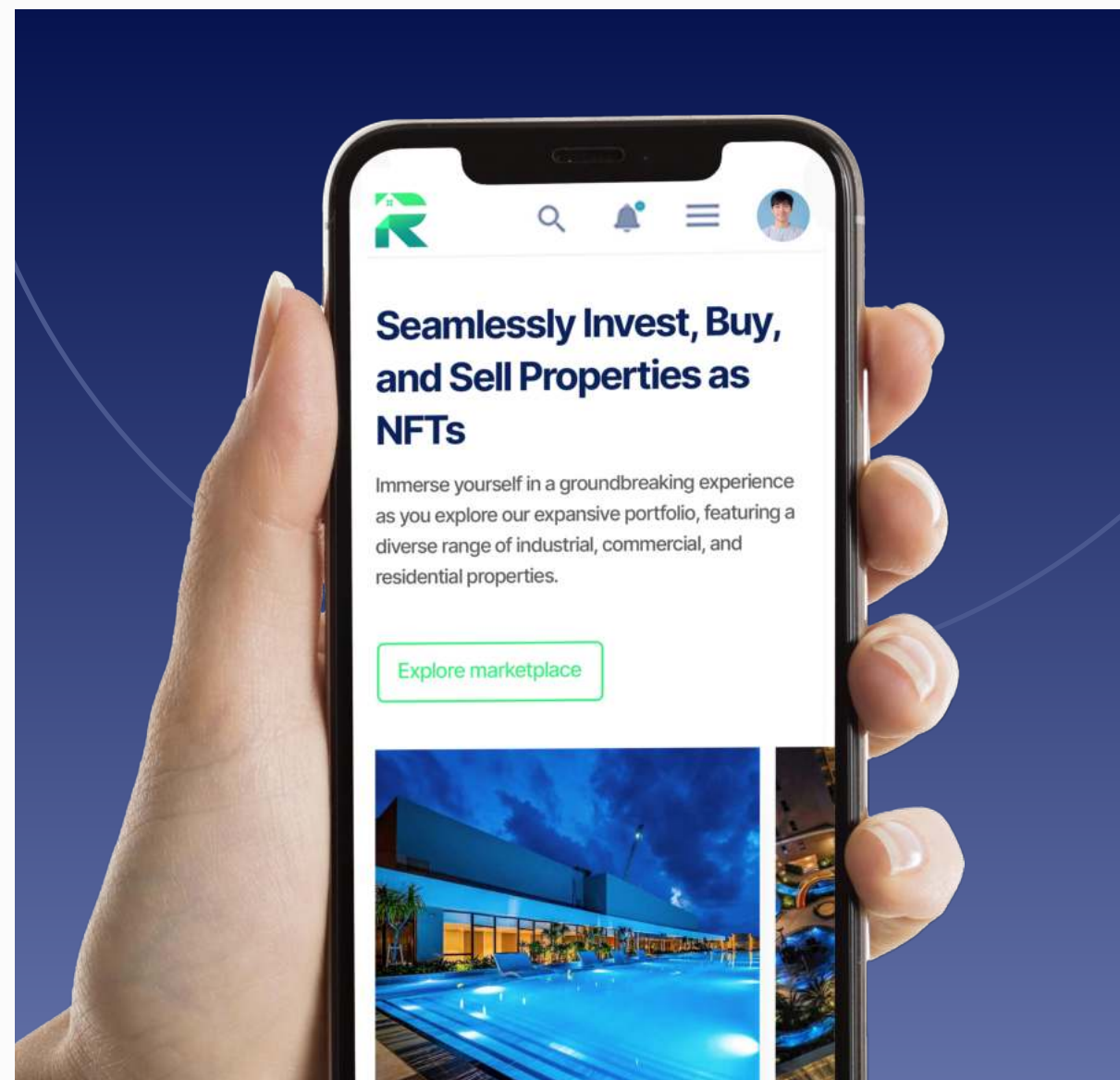
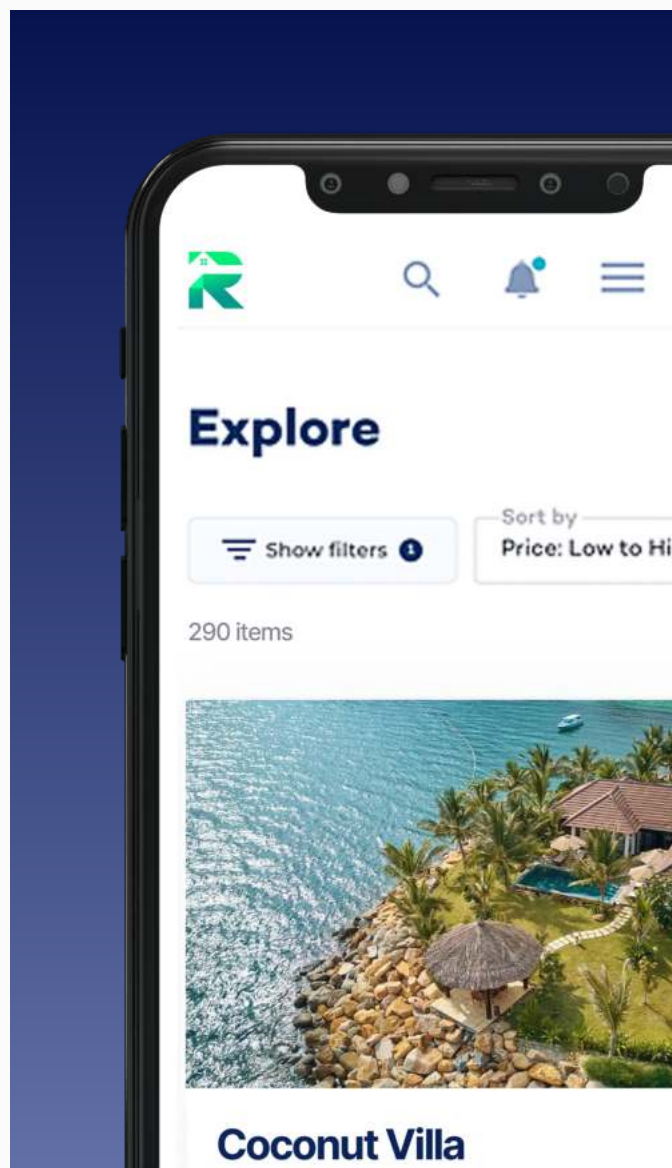
- CASA Account Management
- Feature-Rich Savings Account
- Simplified Lending/Borrowing
- Secure Payment Processing
- Seamless Customer Onboarding
- Robust Security Measures
- Third-Party Integrations
- Data Insights and Analytics
- Regulatory Compliance

Results & Impacts

The digital banking project, which spanned a year and engaged a dedicated team of 20 to 30 Full-Time Equivalents (FTEs), has yielded remarkable results and impacts. It was executed seamlessly, delivering the product within the allocated budget and timeframe, and successfully bringing it to the North American (NA) market. Here are the key outcomes:

- ▶ On-Time and On-Budget Delivery
- ▶ Proof of Concept (POC) with Three Clients in NA
- ▶ User Satisfaction and Efficiency
- ▶ Scalability and Growth Potential
- ▶ Enhanced Partnership





Real Estate Tokenization

Real Estate Game-Changer: Bringing the Whole Value Chain on Chain

Project Overview

Our valued partner, a prominent real estate powerhouse in Vietnam, boasts a rich history in real estate development and leasing. With years of industry experience, they identified the pressing challenges faced by stakeholders throughout the real estate chain, setting the stage for a visionary collaboration with Synodus.

Tech Stack

AWS, Kubernetes, Jenkins, GitLab, ASS, Prometheus, ReactJS, Typescript, Flutter, Solidity, Binance Smart Chain, NodeJS, IPFS, Hardhat, Gnosis Safe Multisig, Moralis

Project Completion Time

02 years of work

Team Structure

06 people worked

Challenge

Industry Challenges

Real estate, an ever-evolving landscape, faces unyielding challenges. Limited accessibility, formidable financial risks, and the fog of opacity have long hampered the industry's growth, making it an exclusive playground for high-net-worth individuals. The game needed a changer.

Solution

The Strategic Approach

We didn't just approach the challenges; we embraced them head-on. Our strategy, like the keystones of a grand structure, rested on three pivotal elements:

Fractionalization and Democratization: Removing barriers and making real estate investment accessible from the ground up.

Transparency and Automation: Illuminating the path with smart contracts, bringing efficiency, trust, and transparency.

Customization and Flexibility: Recognizing that every investor is unique, they allowed for personalized portfolios tailored to financial aspirations.

A Visionary Alliance

The client sought a partner to breathe life into their vision. In this quest, they found Synodus, introduced by a trusted source. Synodus wasn't just a name; it was a promise of competence, domain expertise, and an unwavering commitment to resolving real-world problems through blockchain technology.

Solution Provided

Synodus assembled a team of cross-disciplinary experts. Together, we conceived a comprehensive solution:

Tokenization Studio: Empowering seamless conversion of real estate assets into secure digital tokens.

NFT Marketplace: The launchpad for initial real estate asset token offerings, where investors access and acquire newly introduced tokenized properties for the first time.

Digital Assets Exchange: A trading platform enabling investors to buy, sell, and trade existing tokenized real estate assets post-initial offering, fostering liquidity and secondary market transactions.

Digital Asset Management: Enabling investors and issuers efficiently oversee and optimize their tokenized real estate portfolio.

Results & Impacts

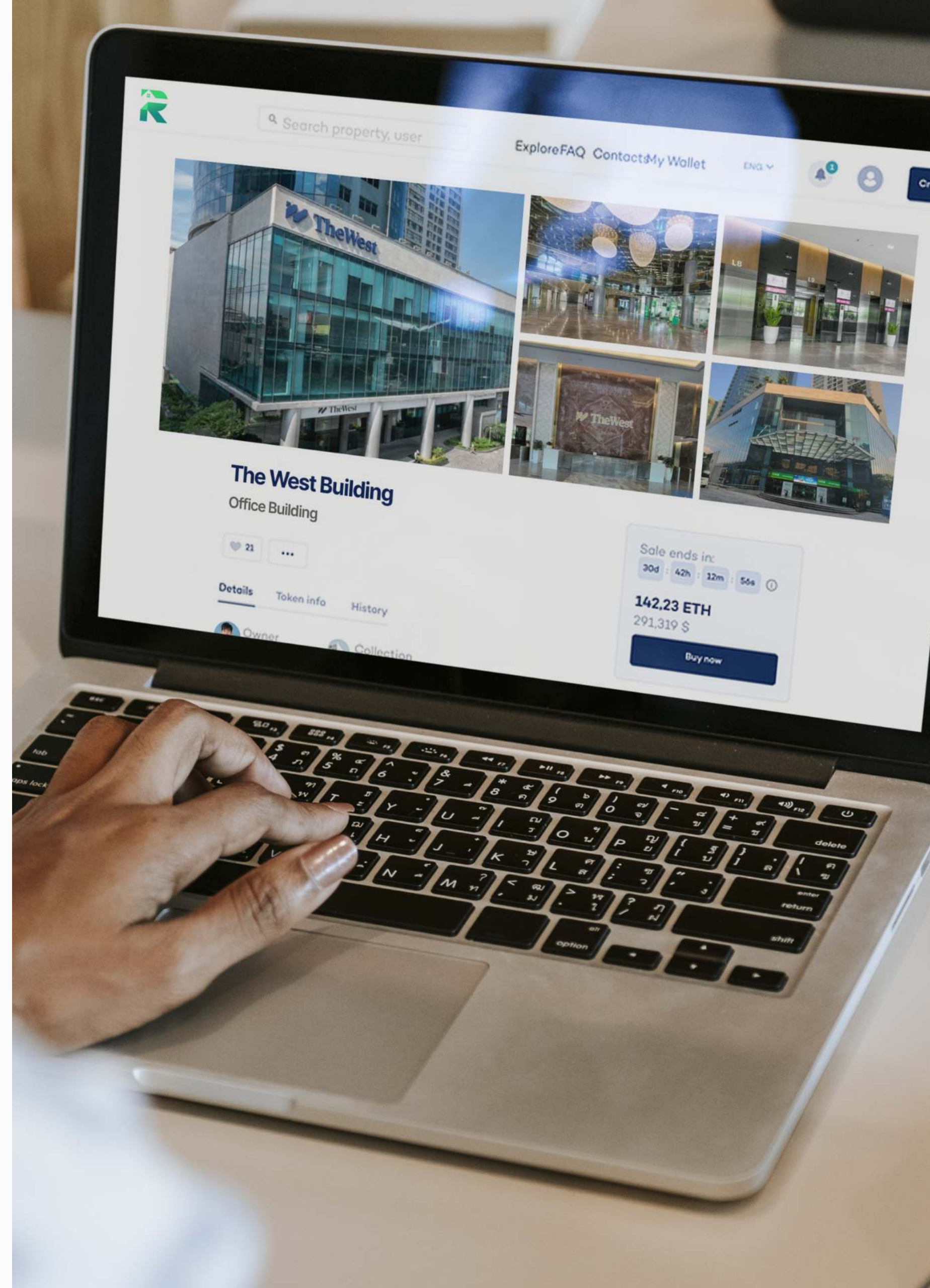
The collaboration bore remarkable fruits:

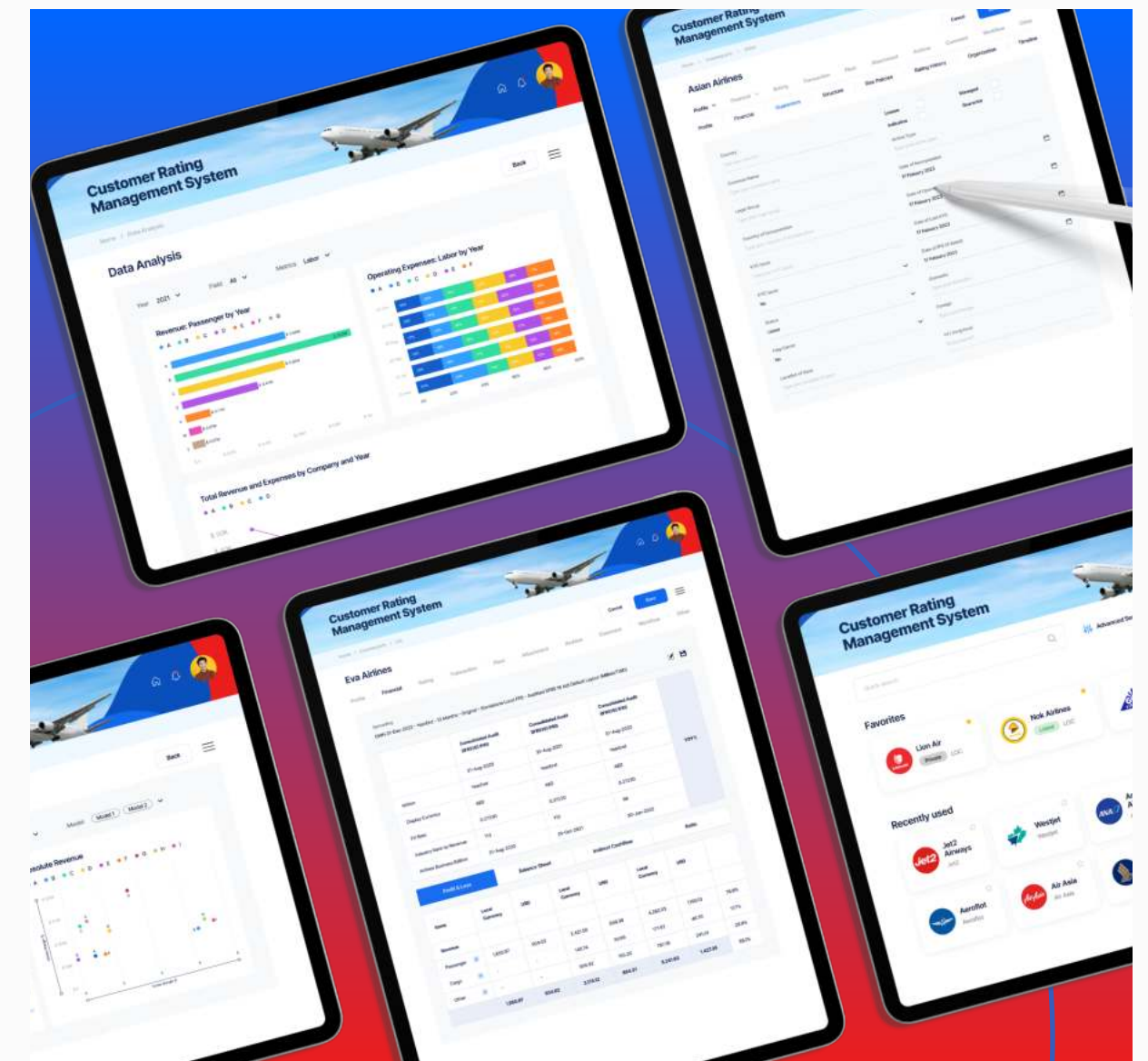
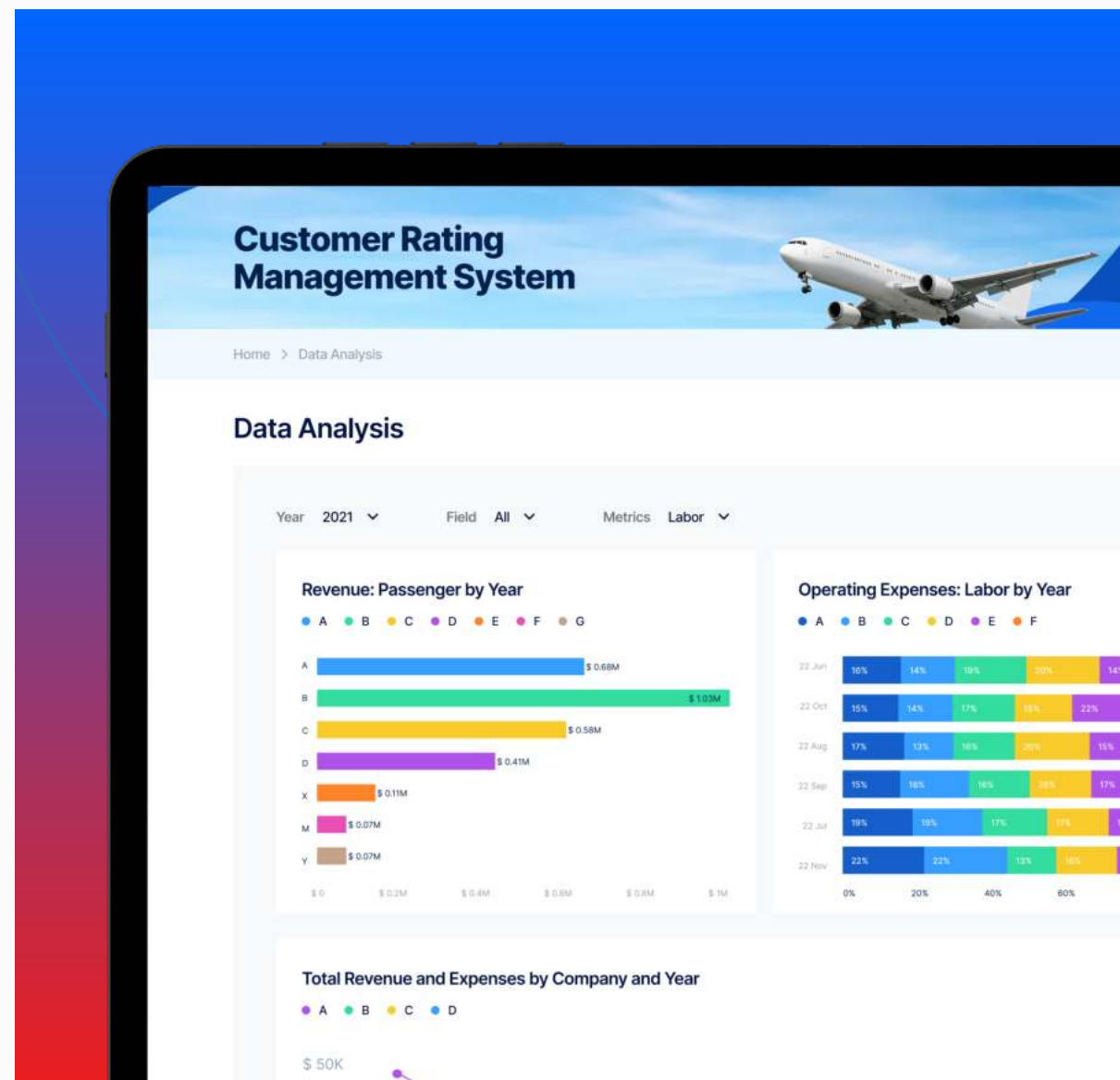
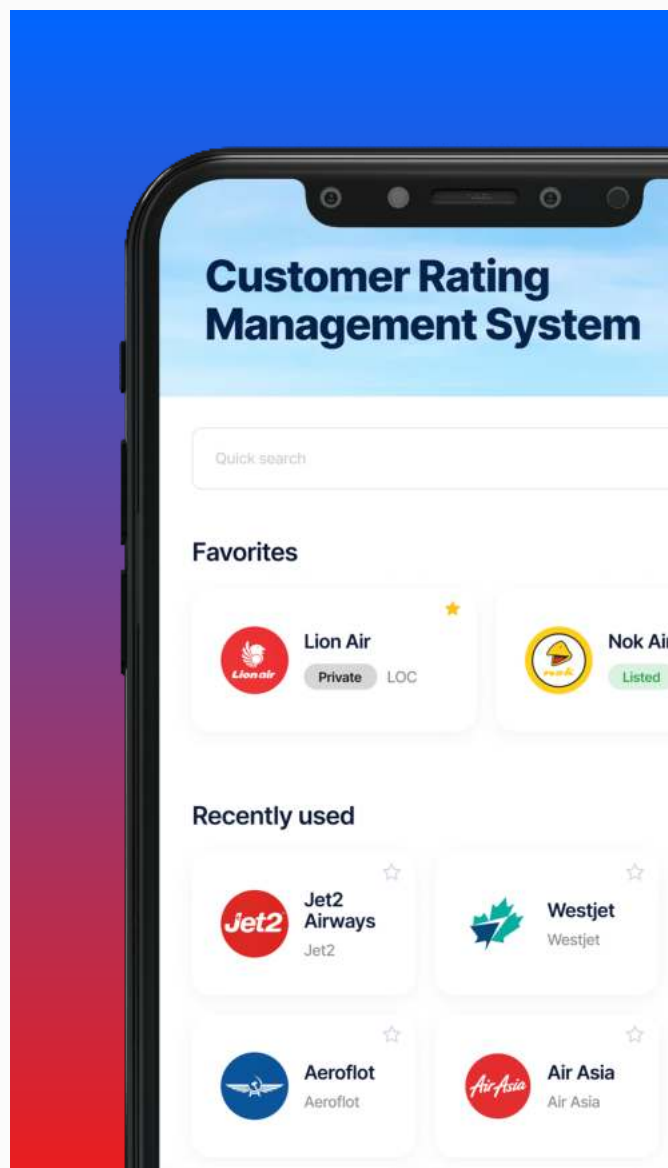
- ▶ A robust business model in compliance with industry standards.
- ▶ An MVP launch that set new standards, pioneering real estate investment in Vietnam.
- ▶ A revolutionary approach that granted broader access, slashed transaction costs, and fortified financial stability.
- ▶ The MVP buzzed with excitement, rallying visionary pre-seed investors who recognized its immense potential.

What's next?

Continued Quest for Innovation: Synodus remains unswerving in our journey. We are committed to expanding and elevating the capabilities of the platform.

Our unwavering mission: To redefine the real estate investment landscape, driving innovation across the vibrant Vietnamese market.





Credit Scoring & Risk Management

Turning the Skies Safer and Profits Higher: Harnessing Customer Ratings in Aircraft Leasing

Project Overview

Our client, a Fortune 500 company in aircraft equipment leasing, serves both domestic and international airlines. In the realm of aircraft equipment rental, where substantial value is at stake, customer rating and evaluation are pivotal in the decision-making process.

Tech Stack

DevExtreme Reactjs (a branch of DevExpress), Devexpress Asp.net, XAF controls and features, Power Platform, .NET, Database Azure, AI, Machine Learning

Project Completion Time

1.5 years of work

Team Structure

07 people worked

Challenge

Manual Financial Data Collection: Gathering and analyzing financial data manually, especially complex data analysis and calculations, is time-consuming.

Scattered Payment History: Monitoring customer payment history and assessing their ability to uphold financial commitments is currently a scattered and unfocused process.

Resource-Intensive Manual Ranking: Manual customer ranking consumes significant time and effort as data is gathered and analyzed from multiple sources.

Inaccurate Customer Information: Keeping customer details up-to-date is challenging as they frequently change, leading to inaccurate records.

Biased Evaluation: Emotional biases and personal opinions can influence the assessment process, potentially resulting in unfair evaluations.

Solution

Approach to Solve the Problem

We gather comprehensive customer data, including transaction histories and financial records, from reputable sources, ensuring our rating system is based on accurate and up-to-date information.

Regular updates and refinements to the rating system are made to adapt to changing customer behaviors and market dynamics.

Solution Provided

Our solution is an automated customer rating system that relies on tracking transaction history, financial records, and data automatically gathered from reputable websites. The system classifies and cleanses the data to ensure accuracy and relevance.

Our system supports multiple customer rating models, providing clients with the flexibility to configure and modify models according to their specific needs.

Clients can receive real-time feedback from customers, enabling prompt issue resolution, ensuring customer satisfaction and loyalty.

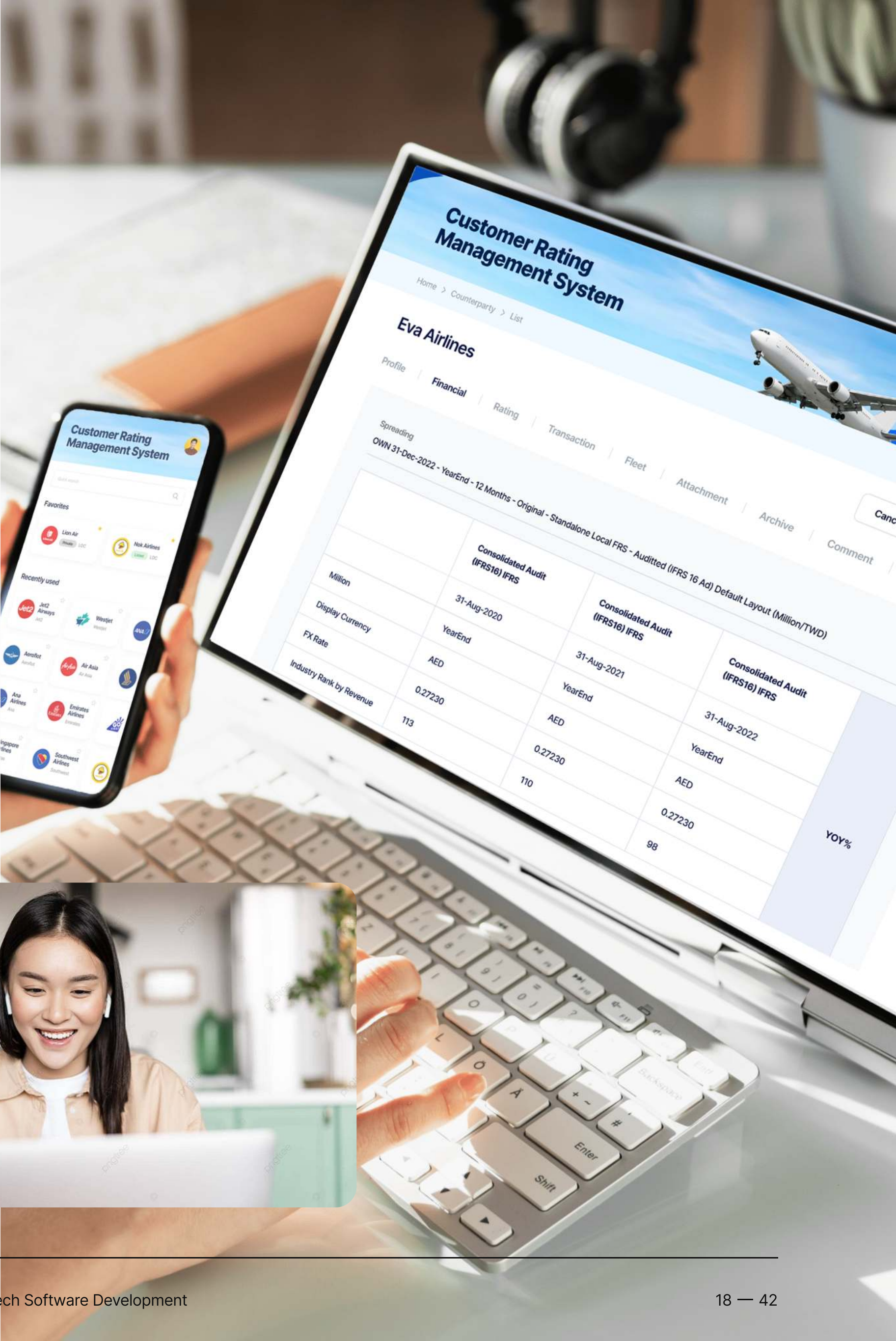
Results & Impacts

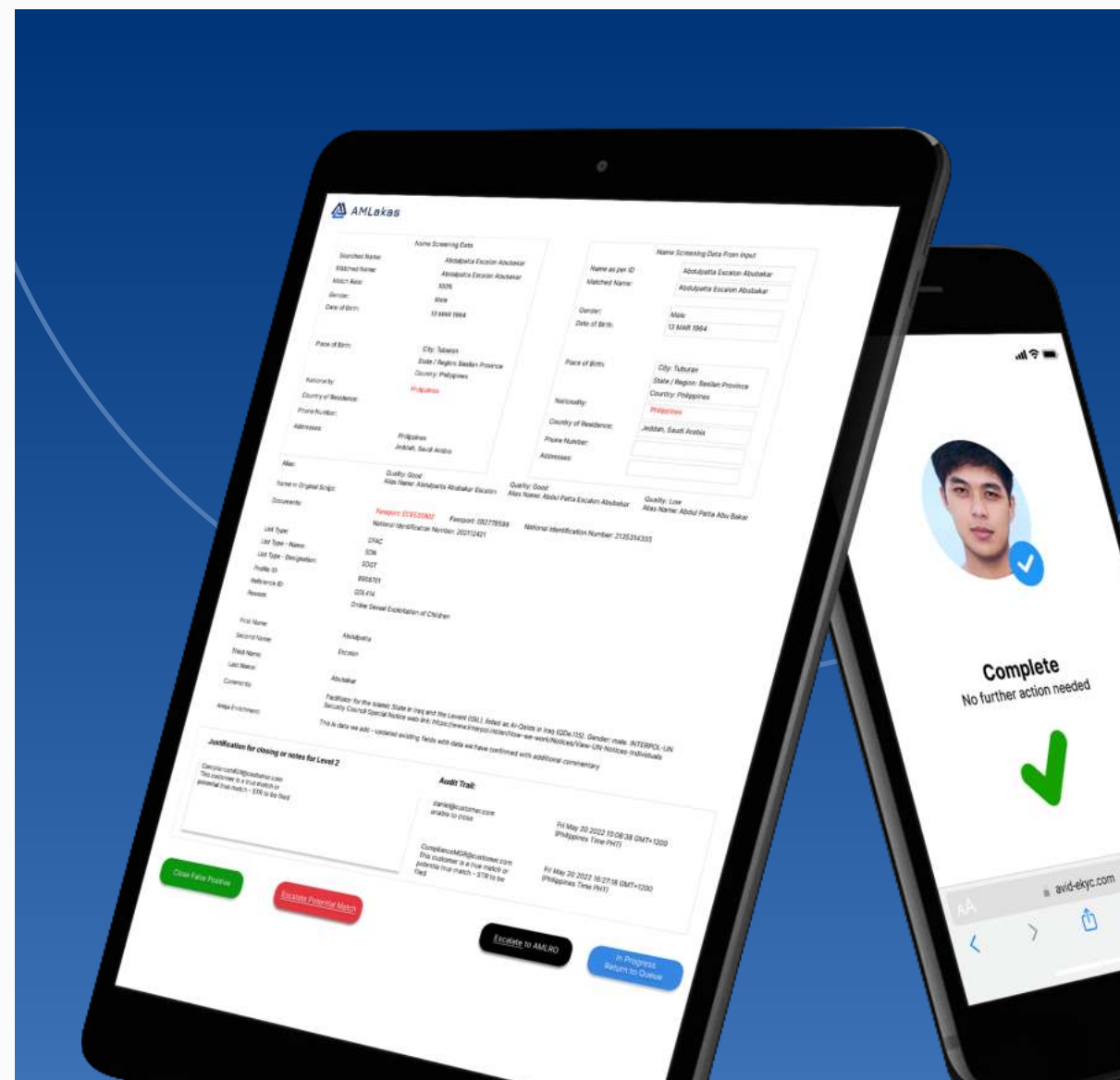
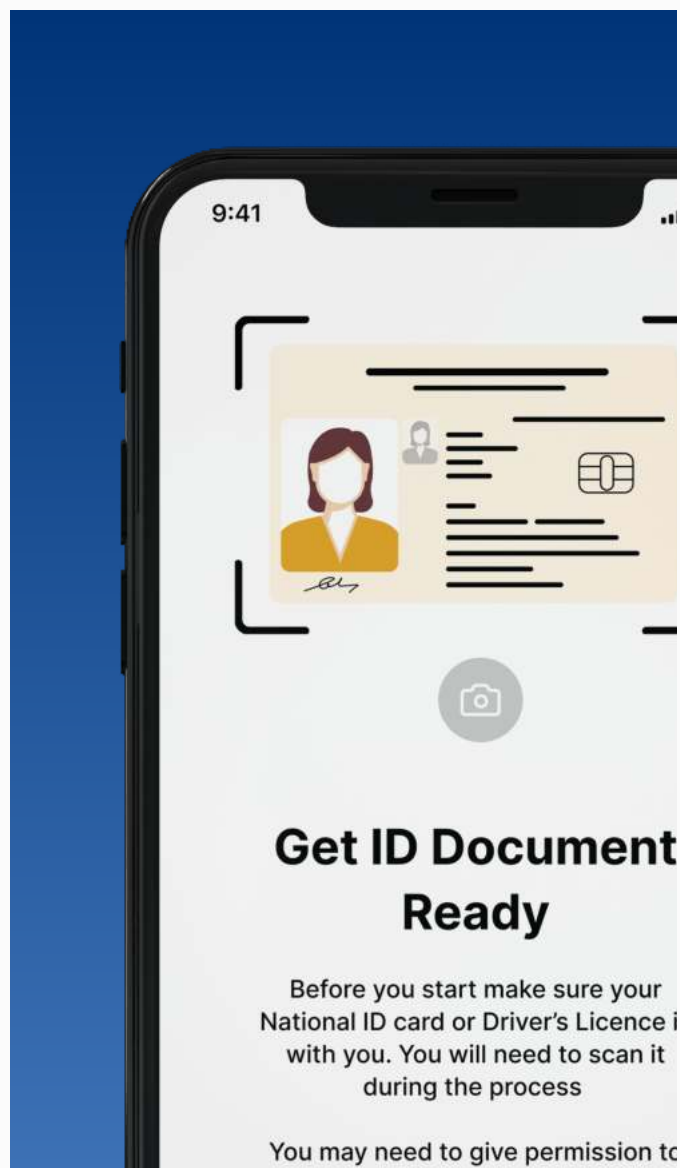
- ▶ Processing time reduced from 7-10 days for 1 customer to 2 days.
- ▶ Credit rating approval processes between departments streamlined to occur within the same day.
- ▶ Quick and convenient data search and comparison, enhancing efficiency.
- ▶ Increased security and system optimization ensured.

By consistently delivering high-quality services based on customer preferences, the client can differentiate themselves from competitors, attracting a loyal customer base.

What's next?

In the ring with global bigger guys, our debut dance with this esteemed client was a fierce one. We promised, we delivered, and they chose us to lead the way in their risk management journey. We've earned their trust, one project at a time.





KYC/AML Solutions

Empowering a Startup: Providing Affordable Excellence in Concept Design and Development

Project Overview

This RegTech software firm specializes in Anti-Money Laundering (AML) compliance solutions, targeting low-margin sectors in emerging economies. Their mission is to bridge the gap left by larger RegTech firms, offering affordable and purpose-built compliance solutions to the underbanked sector.

Tech Stack

Nodejs, Reactjs, AWS, Kafka, Redis, Kubernetes (K8s), Microservice Architecture

Project Completion Time

09 months of work

Team Structure

10 people worked

Challenge

Unique Value Proposition

The startup aims to empower its clients with streamlined risk management and compliance processes, facilitating identification, screening, monitoring, and investigation procedures. They cater to remittance organizations, money transfer businesses, micro-finance firms, and rural banks, ensuring regulatory compliance while facilitating customer onboarding.

Solution

High-Level Approach

Agile Mindset & Scrum Framework: Expedite delivery and prompt feedback collection from the Product Owner for swift refinement.

Affordable Tech Stack: Centers on open-source technologies and cloud services, minimizing upfront costs and offering scalability.

Lean Development: Adopt an efficient development methodology, emphasizing essential features and delivering affordable solutions quickly.

Low-Cost Data Security: Ensure robust data security within budget constraints, using cost-effective encryption and privacy measures.

User-Centric Design: Feature intuitive interfaces and usability testing for a seamless user experience.

Paramount Challenges

The startup faced the challenge of limited experience in such projects and needed a cost-effective solution. They sought a strategic partner for concept design, product development, and maintenance. We won the deal by proposing an affordable, comprehensive solution with a focus on quality and value-based delivery.

Solution Provided

Self-organizing Agile team with built-in quality engineering process.

Data security: Amazon RDS with encryption in transit and at rest.

Integration framework: RESTful APIs and data connectors.

Compliance monitoring and reporting tools.

Scalability through horizontal scaling architecture.

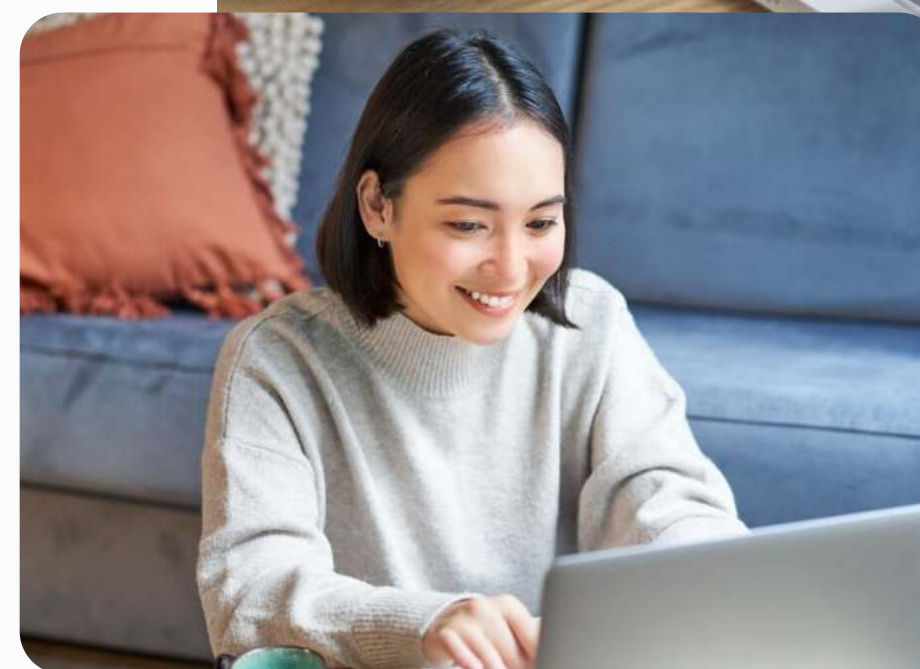
Key features: Electronic Customer Onboarding, Watch-list Screening, Enhanced KYC Processes, Nature & Purpose Risk Assessment of Relationship, and alignment with influential institutions.

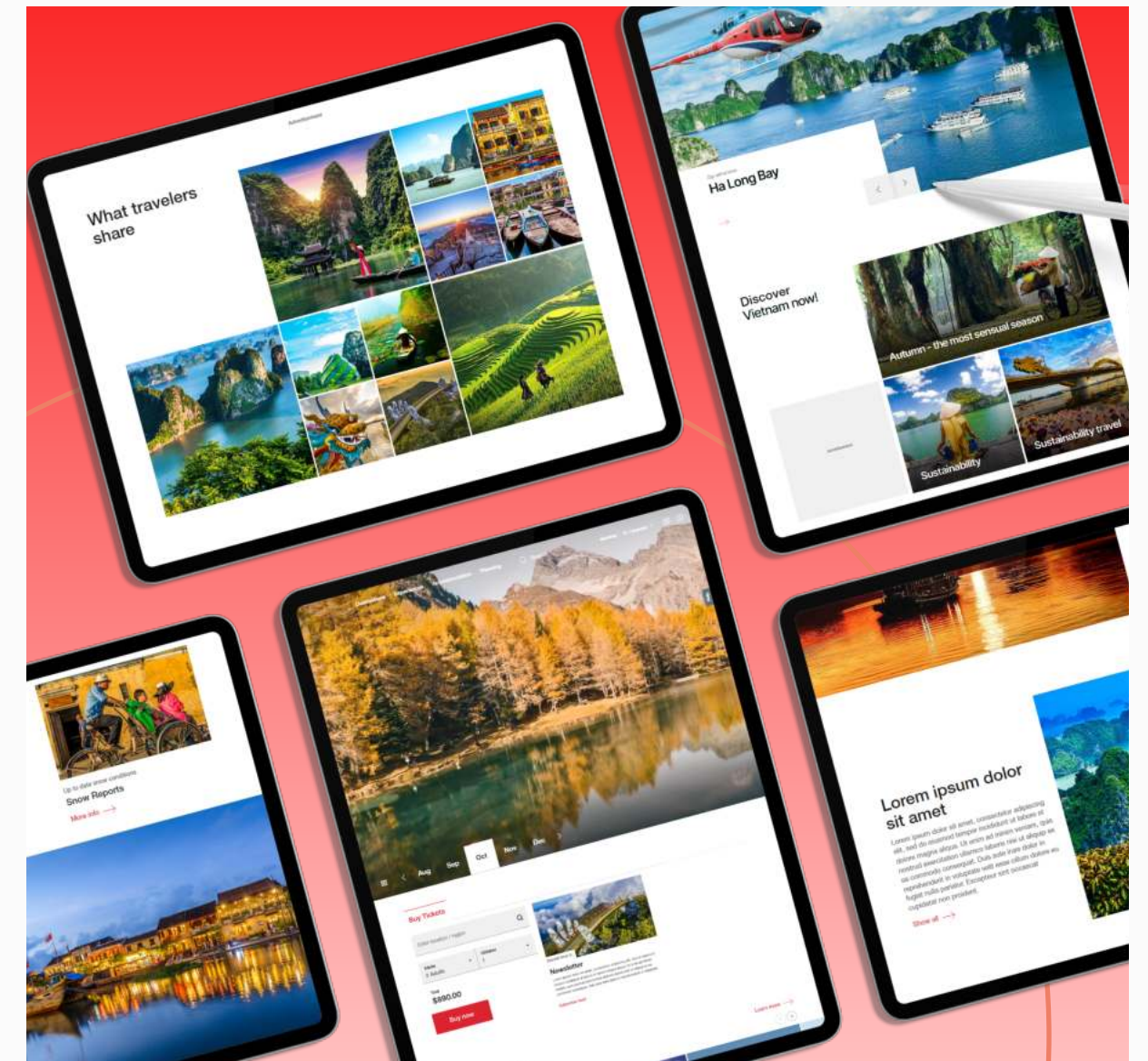
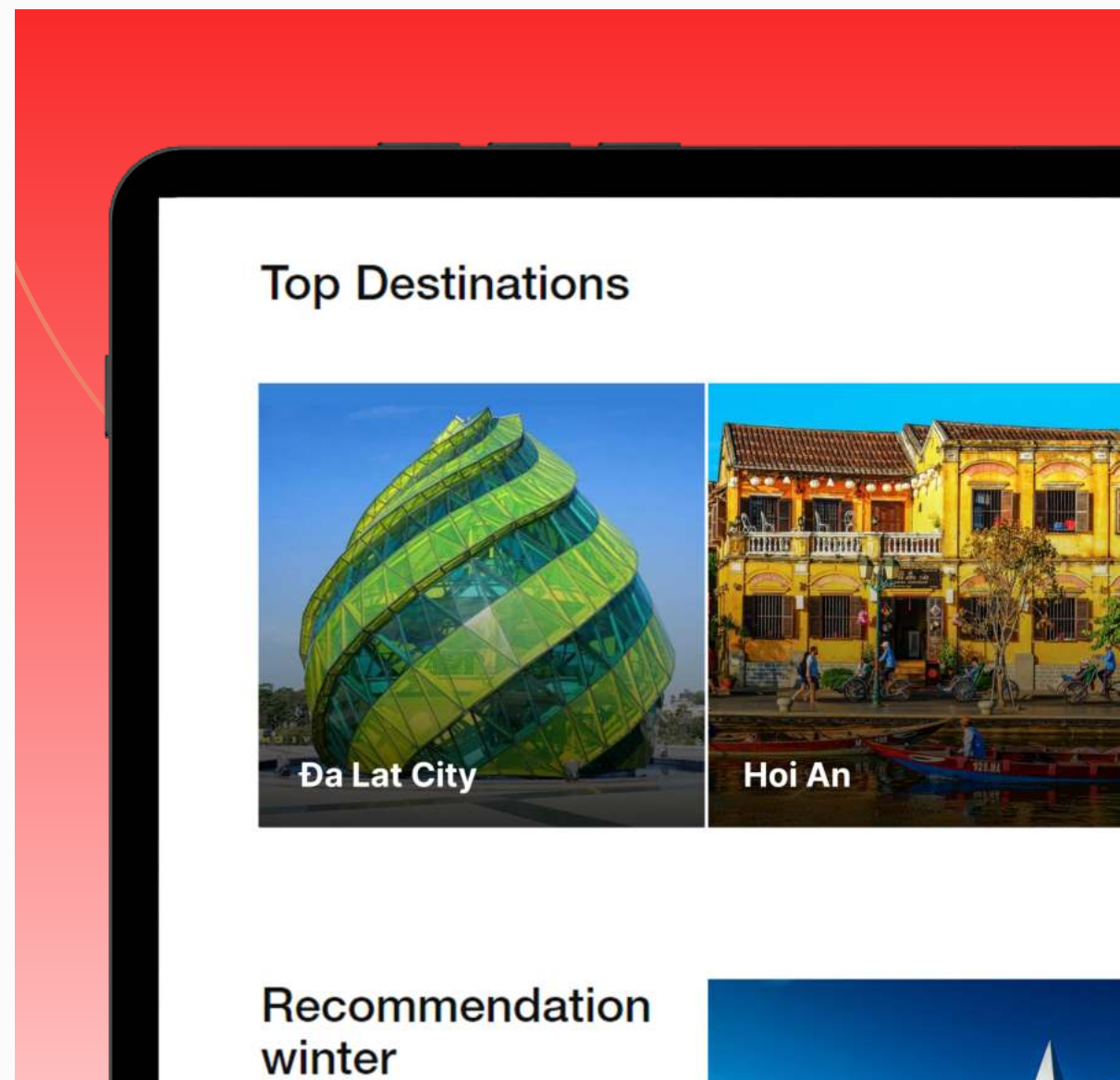
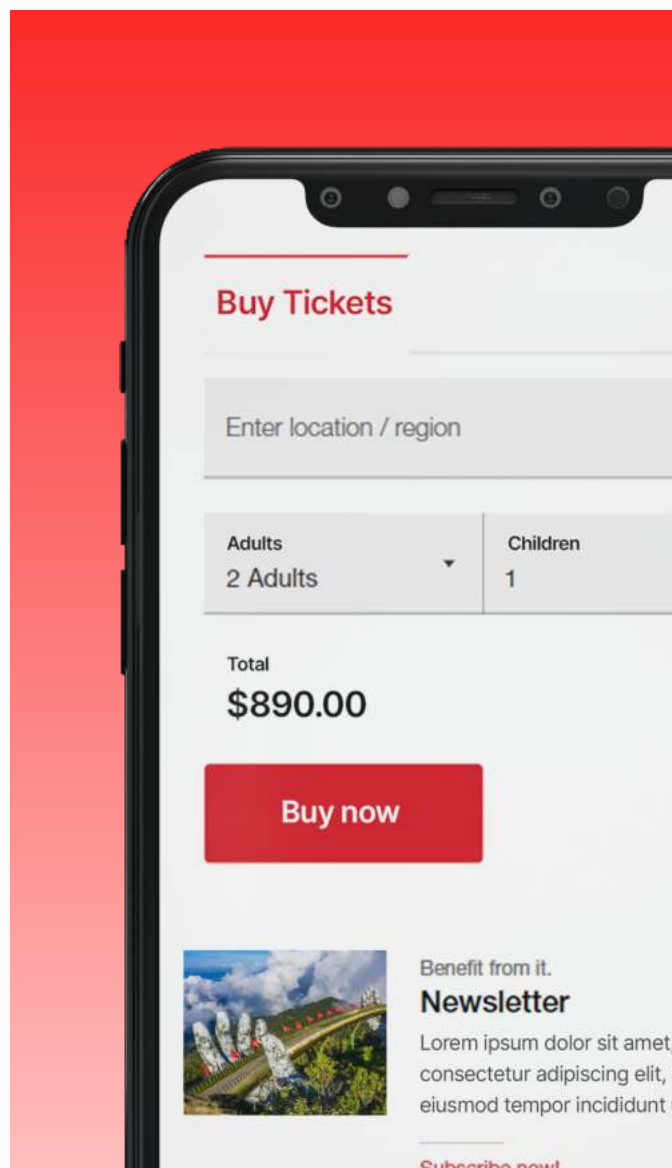
Results & Impacts

- ▶ 30% budget savings compared to initial estimates.
- ▶ Scalable technology stack, facilitating growth without extensive financial investments.
- ▶ Improved user experience, streamlining operations and reducing training and support costs.
- ▶ Affordable solution reducing AML process costs from \$5 for 1 user onboarding/KYC to just \$1 for 100 users.
- ▶ Targeting small and medium-sized Financial Institutions and Designated Non-financial Professionals & Businesses in emerging markets to detect and reduce corrupt activities.

What's next?

Synodus continues to maintain trust as it handles critical responsibilities for ongoing hosting, support, and essential application maintenance, all geared towards ensuring successful commercialization.





eTicketing System

Transforming Tourist Destinations with Technological Convenience

Project Overview

Our client is the management board of a famous tourist destination, recognized and celebrated by UNESCO. Every day, thousands of domestic and international tourists visit, with a surge in visitors during holidays. The challenge was managing this influx efficiently while ensuring a seamless experience for tourists.

Tech Stack

DevExtreme Reactjs (a branch of DevExpress), Devexpress Asp.net, XAF controls and features, Power Platform, .NET, Database Azure, AI, Machine Learning

Project Completion Time

07 months of work

Team Structure

09 people worked

Challenge

The use of manual ticketing methods posed several challenges:

Inconvenience for Tourists: Tourists had to physically visit the site to purchase tickets, restricting flexibility and convenience.

Cash Transactions: Accepting only manual cash payments increased the risk of losses and compromised safety.

Resource Expenses: Paper, printing, ticket transportation, and reconciliation demanded significant effort and resources.

Counterfeit Tickets: Presence of counterfeit tickets posed financial risks and jeopardized the venue's reputation.

Manual Operations: Manual ticket issuance, verification, and payment processing caused delays and inconveniences.

Communication Issues: Direct communication with guides or customers for ticket verification was cumbersome.

Solution

Approach to Solve the Problem

Our approach involved in-depth research of current ticket sales and purchasing habits, as well as payment preferences. Embracing technological trends and integrating diverse payment options and mobile applications were essential.

Solution Provided

Our eTicketing solution coupled with electronic payment integration revolutionized ticketing operations:

Online Ticketing Platforms: Tourists could browse, select tickets, and make reservations online from various devices, eliminating the need for physical presence.

Electronic Payment Integration: Accepting credit/debit card payments, digital wallets, and other online options catered to a broader range of customers.

Centralized Management: Centralized ticket inventory management facilitated sales monitoring, customer analysis, and pricing adjustments.

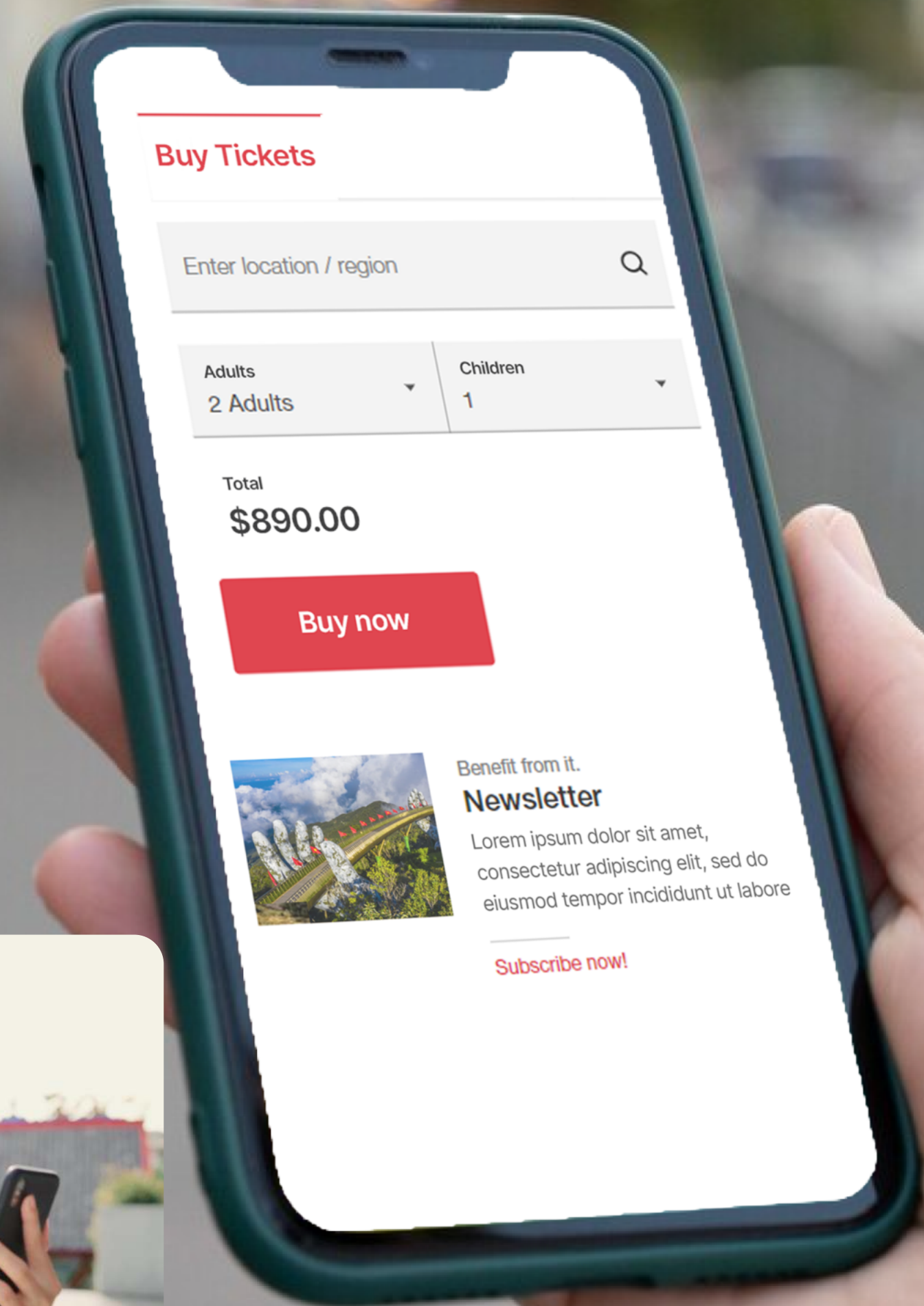
QR Code Integration: QR codes were used for entrance gate control for e-tickets.

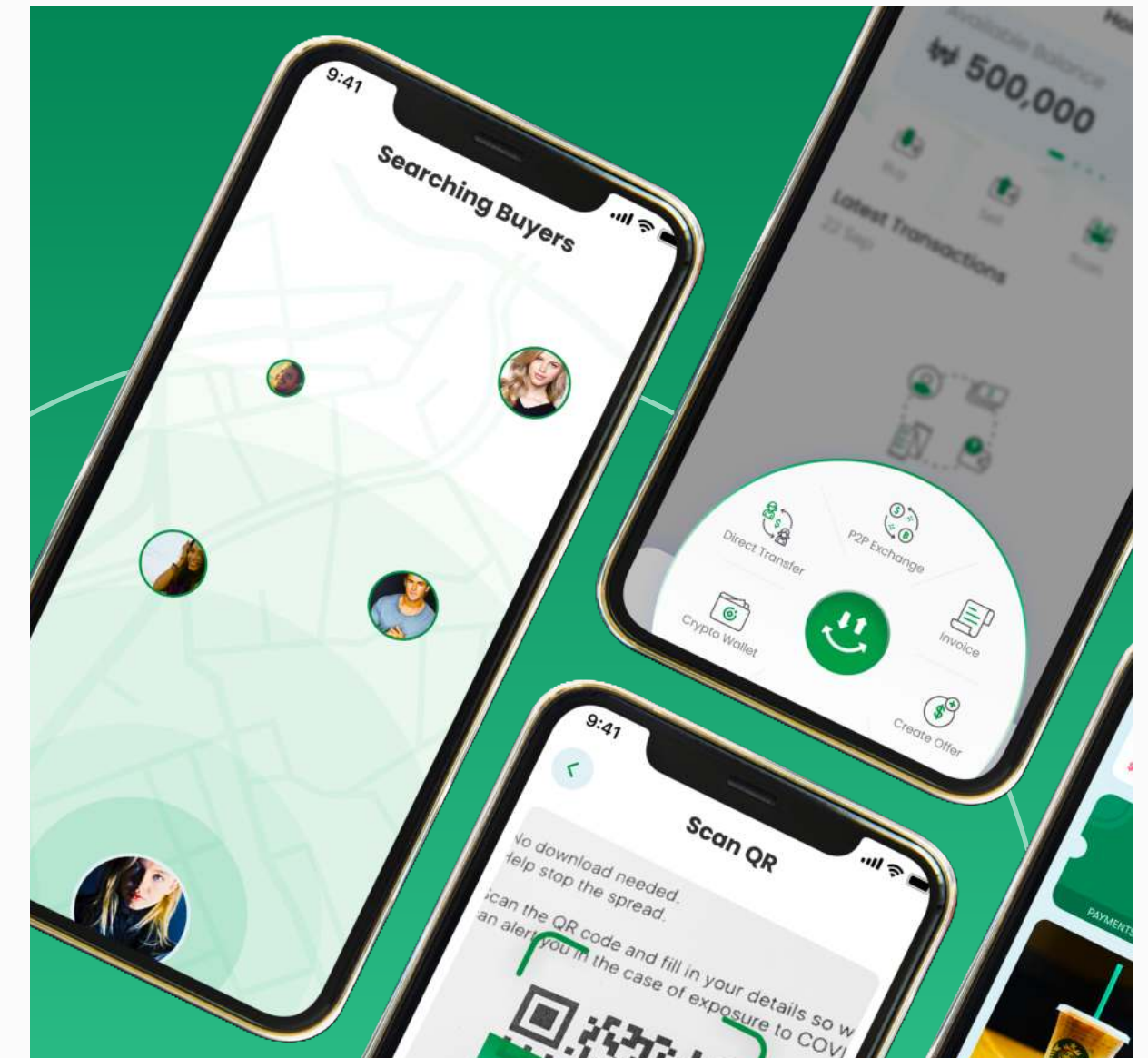
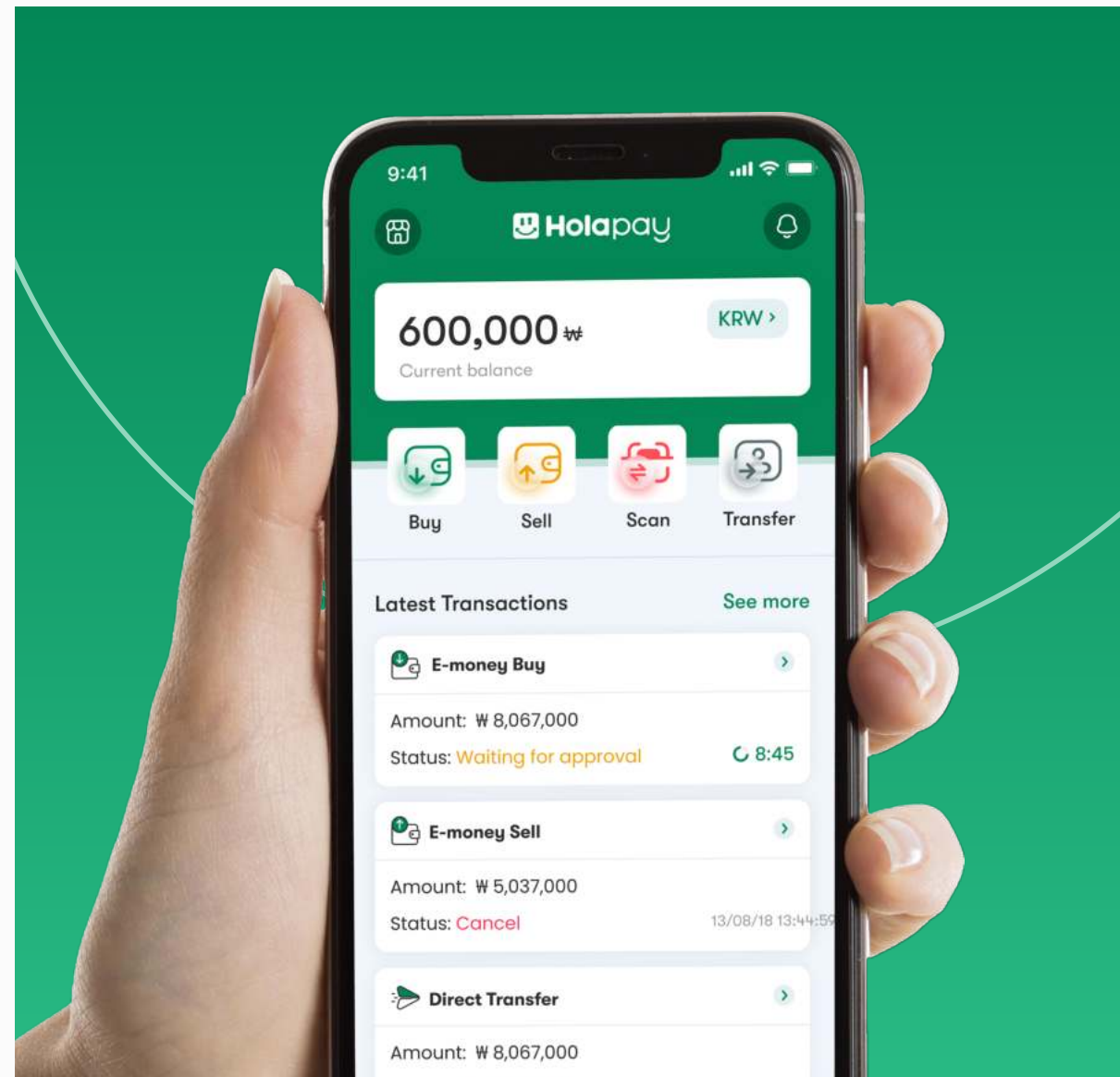
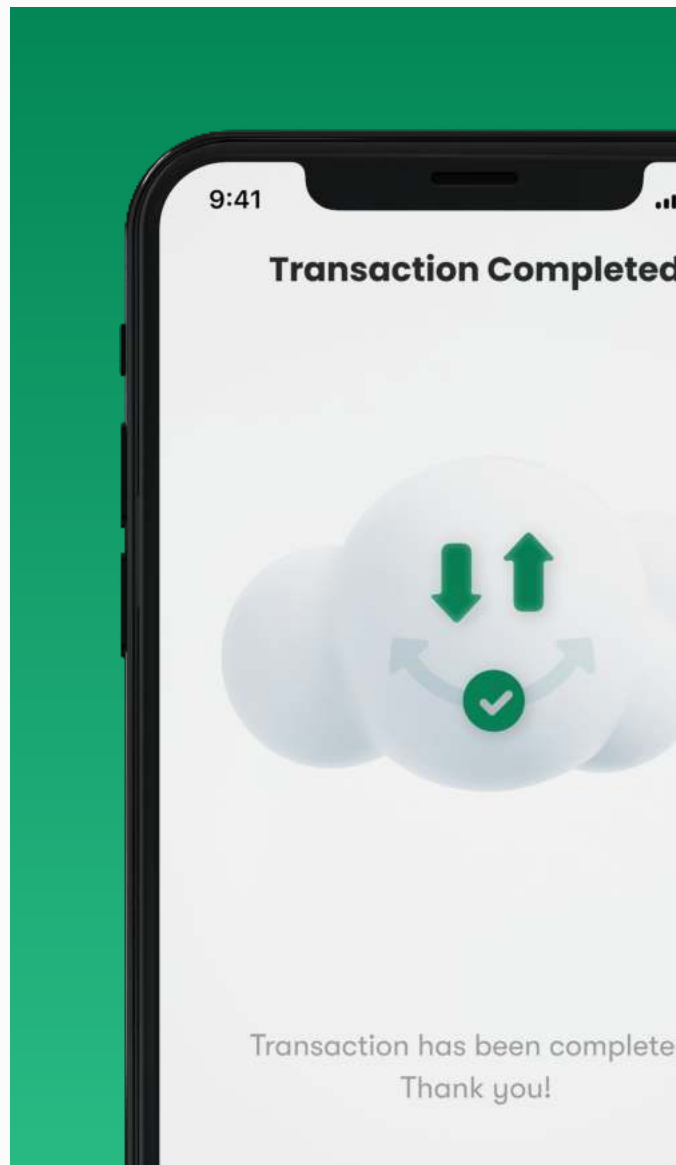
Efficient Revenue Collection: Electronic payment integration enabled efficient resource allocation and investment in infrastructure.

Results & Impacts

Solution Benefits

- ▶ Reduction in Staff: 40% reduction in ticket counter staff.
- ▶ Cost Reduction: 60% reduction in expenses related to printing, transportation, auditing, and paper ticket storage.
- ▶ Efficiency: 50% reduction in inspection and revenue accounting time.
- ▶ Enhanced Image: Improved image of the tourist destination with both domestic and international customers.





Digital e-Wallet

Fintech Evolution: A Blockchain-Infused Transformation

Project Overview

A fintech trailblazer, founded in 2020, has been on a mission to provide secure E-wallet solutions that allow millions of users worldwide to engage in international e-money and cryptocurrency transactions.

Challenge

Tech Stack

Nodejs, Nestjs (Fastify), Postgresql, Redis (Cache + Queue), Google Cloud Pubsub, Golang, Vault , Firebase

Project Completion Time

04 months of work

Team Structure

10 people worked

The client's vision extended to developing a crypto ecosystem and a global payment platform. However, they faced the challenge of finding a partner with the expertise and potential to nurture their product from its inception and develop upcoming solutions to enhance the company's ecosystem.

Their previous collaboration with a technology company had fallen short, leading them to seek a more experienced and capable partner. The company envisioned having over 3 million users by the end of 2023, facilitating cryptocurrency payments.

Solution

Approach

We believe in a consultative approach that begins with a deep understanding of the client's business requirements. Working collaboratively with the client, we engaged in in-depth discussions to understand their unique needs. We assessed the current state of the project, identified areas requiring attention, and addressed any existing issues. Our extensive experience in blockchain technology enabled us to offer comprehensive consulting services aligned with their vision.

Solution Provided

We implemented e-money solutions, enabling users to convert fiat currency to e-money and conduct worldwide transactions via a Peer-to-peer system. Our solution included custodial and non-custodial crypto wallets, multi-layer security measures, and a user-friendly mobile app. The back office was designed for efficiency, scalability, and informativeness.

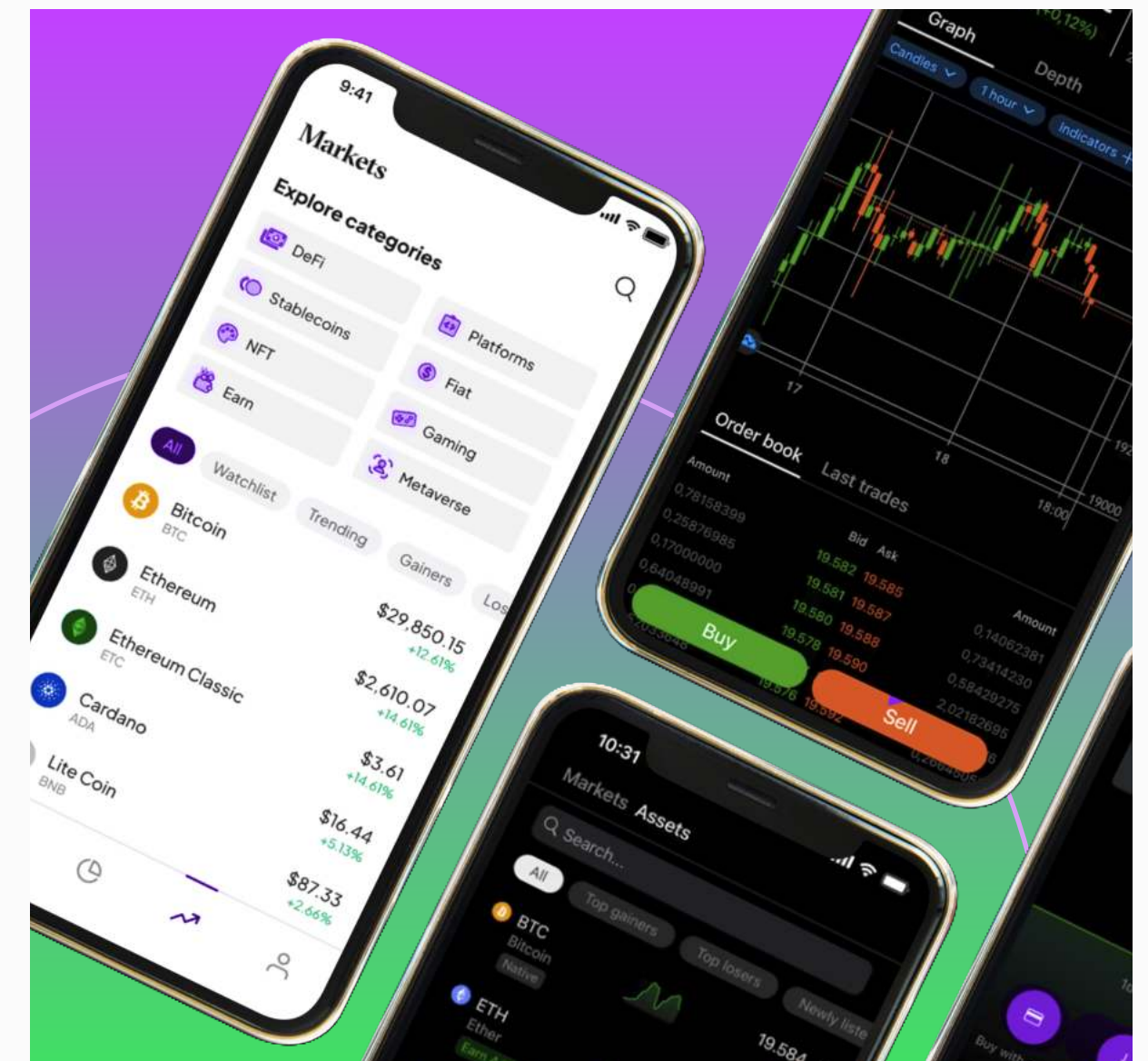
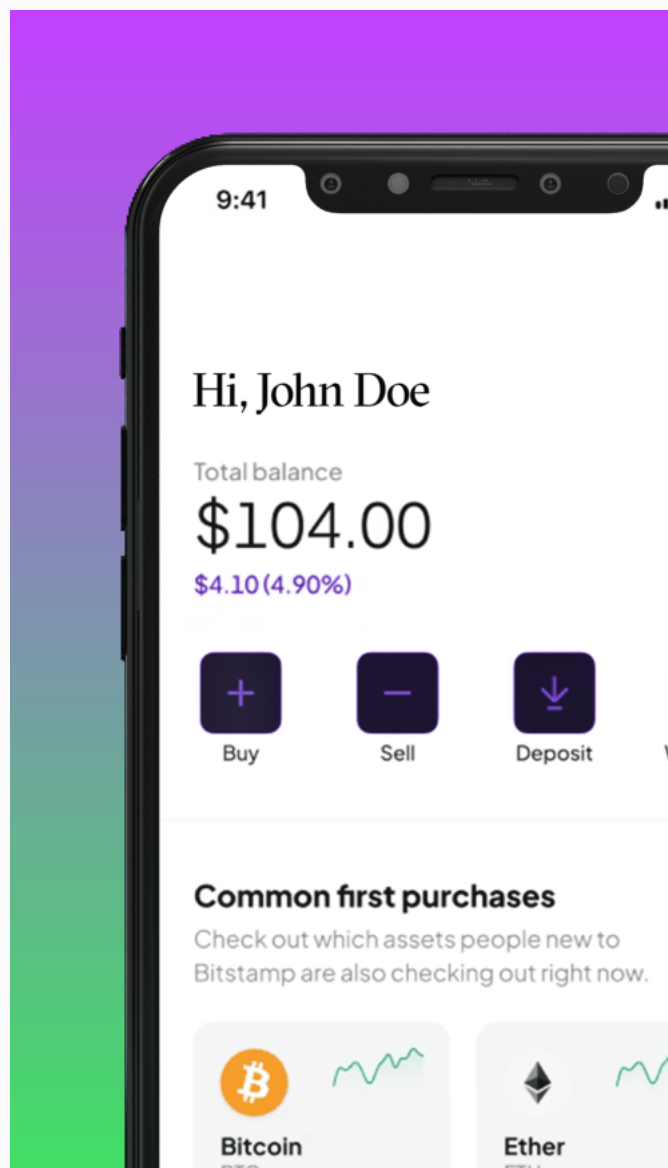
Results & Impacts

Together, we're pioneering an exclusive cryptocurrency designed to serve diverse applications, from trading to investment and rewards. This digital currency is built on a robust blockchain infrastructure, ensuring security and operational efficiency. Additionally, our collaboration focuses on transforming the way users conduct transactions within the client's ecosystem, offering a seamless, secure, and near-instantaneous experience.

What's next?

With the upcoming product launch and increased user adoption, the client is poised to capture a significant market share. Collaborations with other payment service providers will further enhance market share and elevate the company's reputation.





Cryptocurrency Exchange White Label

Swift Deployment Bears Fruits: From A Newcomer to A Formidable Player

Project Overview

Embarking on a mission to reshape the decentralized finance landscape, the client, a visionary blockchain startup, sought a game-changing solution to seamlessly integrate a decentralized exchange. Faced with the challenges of rapid market entry and user engagement, they turned to our Crypto Exchange White-Label Solution.

Challenge

Tech Stack

Nodejs, Nestjs (Fastify), Postgresql, Redis (Cache + Queue), Google Cloud Pubsub, Golang, Vault, Typescript, Flutter

Project Completion Time

05 months of work

Team Structure

10 people worked

Amidst the surge in growth within the decentralized finance sector, the client faced a pivotal juncture. The accelerating demand for a robust trading platform highlighted the need for swift and strategic market entry. As regulatory complexities continued to evolve, compliance became a pressing concern for sustained success. Resource constraints further intensified the challenge, prompting the client to seek a solution that could seamlessly bridge the gap and empower them to navigate the intricate landscape of decentralized finance with agility and confidence.

Our white-label solution presented the client with a catalyst for rapid market entry, enabling them to circumvent the complexities of in-house development. The solution's customization capabilities aligned seamlessly with the client's brand identity, ensuring a unique and user-friendly experience. Moreover, our commitment to security excellence provided the client with a robust foundation to safeguard user assets and data in the decentralized ecosystem.

Solution

In response to the client's intricate needs, our white-label solution extended beyond a mere decentralized exchange platform.

Swift Deployment: Launch the decentralized exchange quickly, seizing market opportunities without extensive development timelines.

Customization: Tailor the platform to align seamlessly with the client's brand and user experience, ensuring a distinctive market presence.

Security Excellence: Benefit from advanced security features, including multi-signature wallets and regular audits, prioritizing the safety of funds and user data.

Scalability: Our solution grows with the client's business, handling increased user volumes and trading activity to ensure optimal performance.

Regulatory Compliance: Stay ahead of regulatory changes with our adaptable platform, providing confidence in compliance with evolving industry standards.

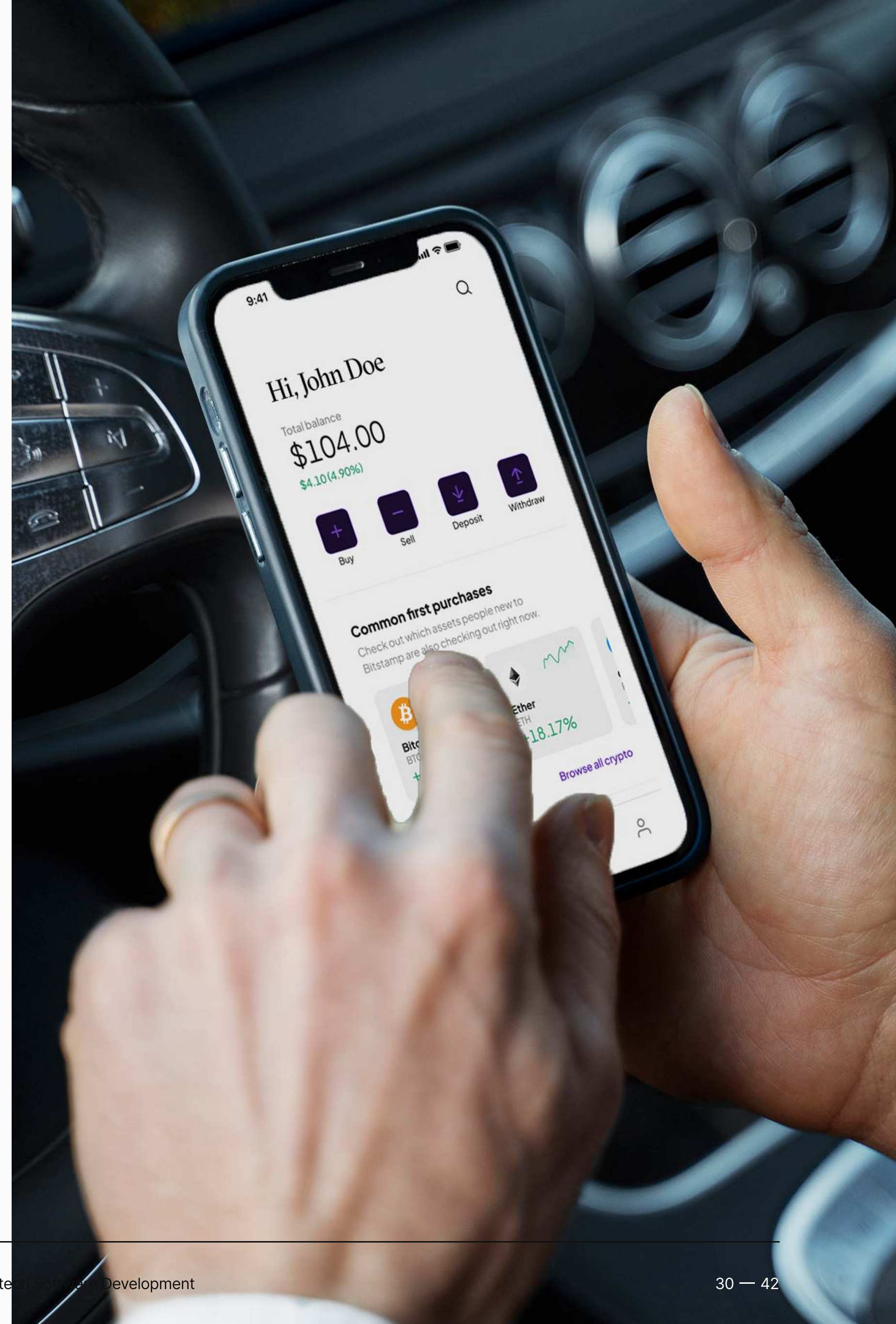
Ongoing Support: Rely on continuous support, updates, and a proven track record, ensuring the longevity, security, and efficiency of your decentralized exchange.

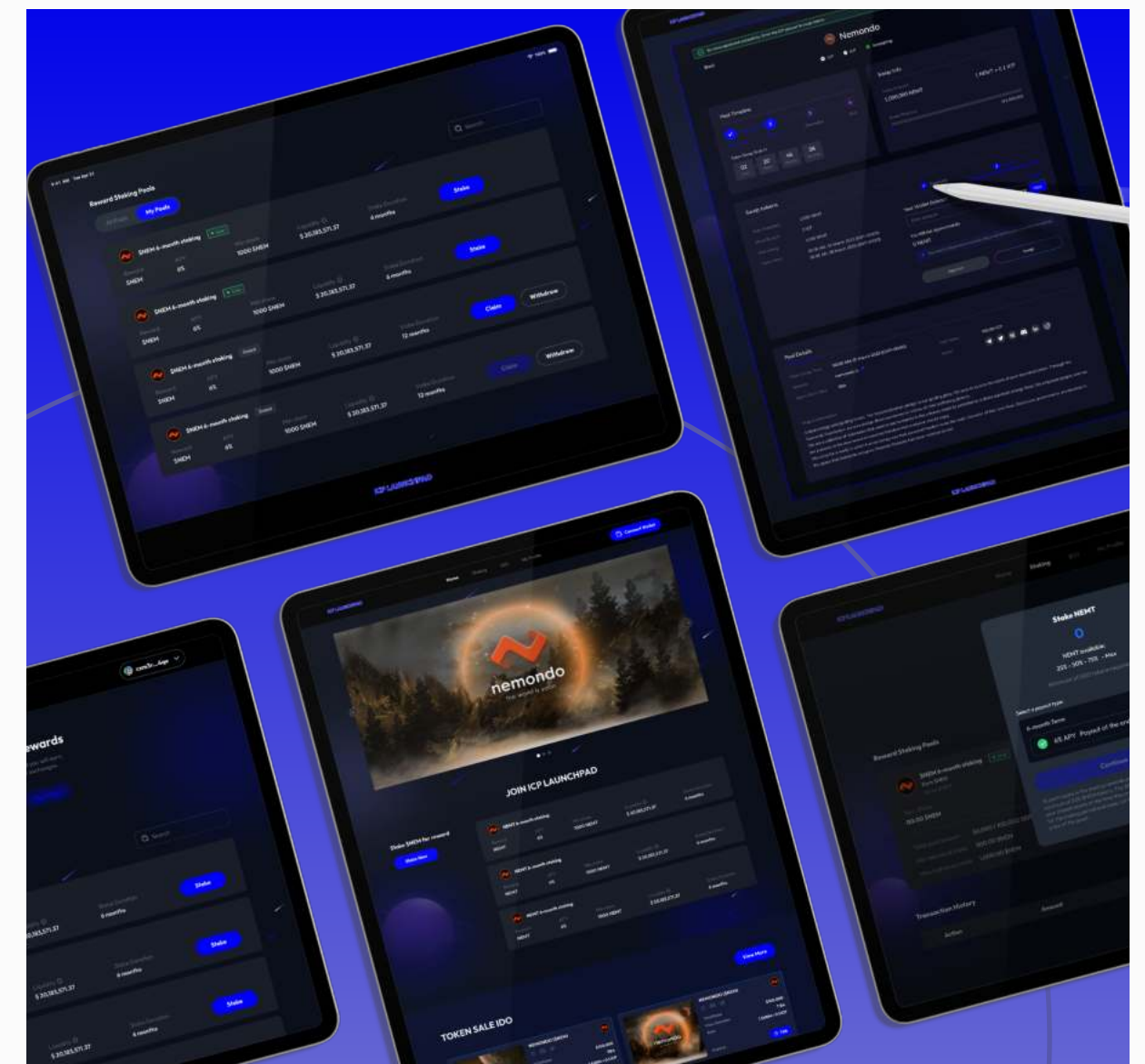
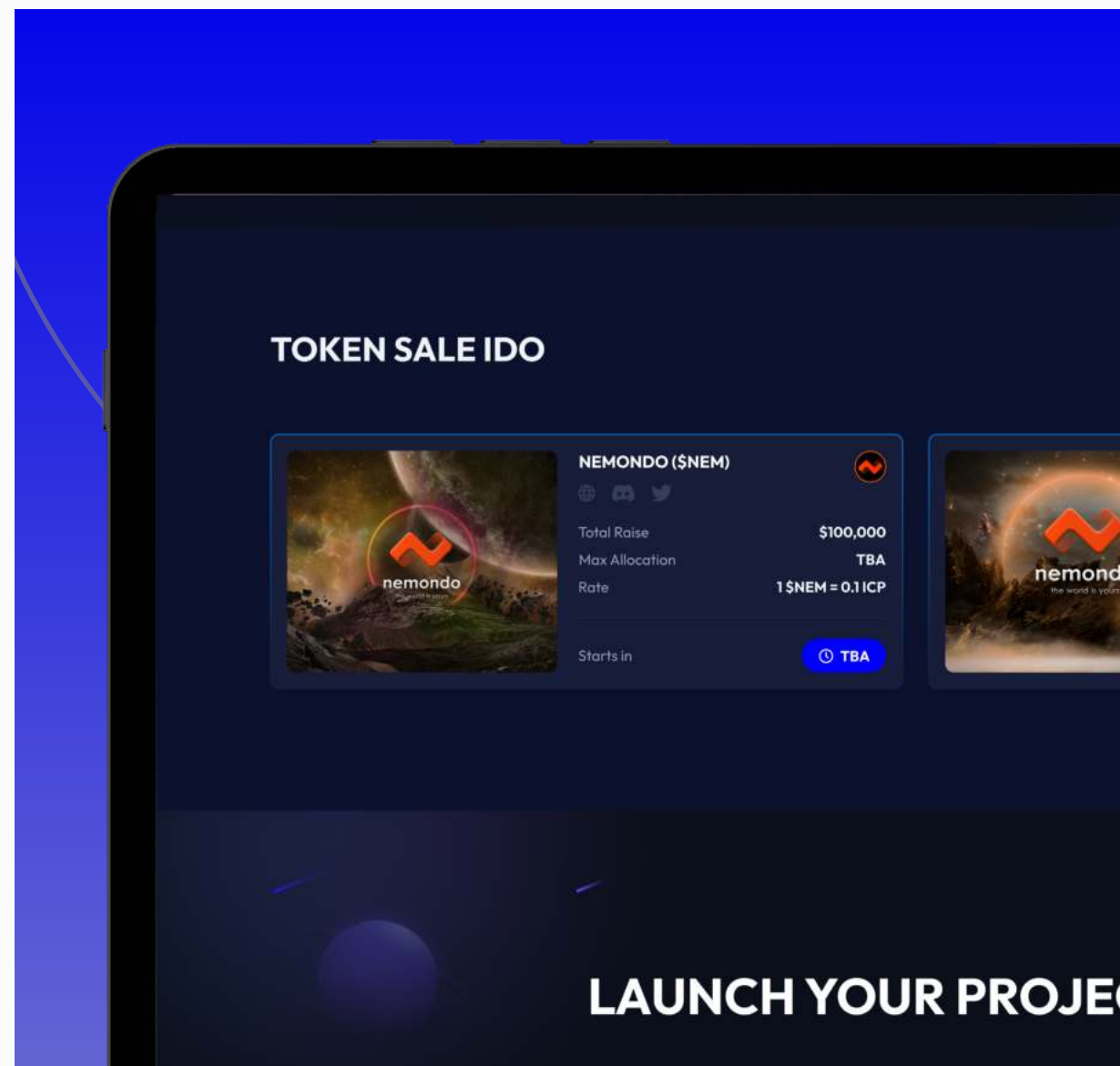
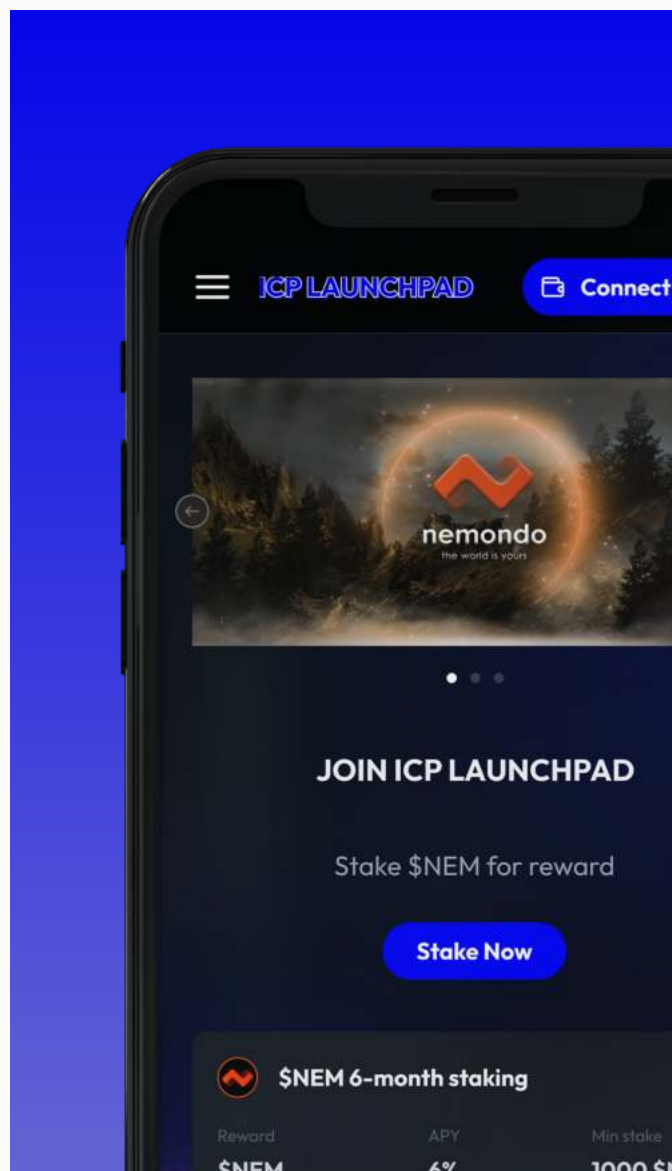
Comprehensive Infrastructure: Augment the offering with tools for marketing campaigns, referral programs, and enhanced user utilities to drive engagement and loyalty.

Results & Impacts

The client, empowered by our white-label solution, witnessed remarkable results.

- ▶ Trading operations flourished, leading to a 150% boost in user engagement.
- ▶ Compliance adherence ensured regulatory confidence, and seamless integration accelerated time-to-market.
- ▶ The client's entry into the decentralized finance arena was not just swift but transformative, propelling them from a follower to an industry contender.





Crowdfunding platform

Overcoming the Uncharted: Navigating ICP Blockchain Challenges

Project Overview

Our journey with the decentralized crowdfunding platform began with a shared vision for a user-centric decentralized ecosystem within the ICP blockchain. The mission of this platform is to be the gateway for non-crypto native users to participate in the Web3 movement.

Tech Stack

Reactjs, Nodejs, ICP blockchain, AWS cloud, Motoko, ReactNative

Project Completion Time

06 months of work

Team Structure

05 people worked

Challenge

The client had a vision but required detailed clarity and consultation. ICP blockchain, while promising, was uncharted territory. Our senior engineers delved into the details, architecting a suitable technical roadmap, while our consultants conducted intensive research from various blockchain ecosystems. Drawing from our extensive experience in blockchain projects, we impressed the client and secured their trust.

Solution

Solution Approach

Design Thinking: We employed a design thinking process, allowing us to test and refine solutions that best matched the founder's requirements while ensuring an exceptional end-user experience.

360-Degree User Research: We created a comprehensive set of research documents, including Personas, Customer Journeys, UI Requirements, User Flows, Wireframes, Designs, and Prototypes. This visualized the customer base we serve and ensured that the user experience aligned with the project's vision.

Agile Delivery: Our agile approach ensured a swift learning curve, enabling us to master the technology and deliver the first-phase version within three months.

Solution Provided

Our technical expertise shines in the solution we delivered for the Crowdfunding Platform on ICP blockchain:

Modular Approach: We designed the platform with a modular architecture, ensuring flexibility and scalability to accommodate future enhancements.

ICO Integration: Seamlessly integrated Initial Coin Offering (ICO) functionality to facilitate fundraising for projects.

Launchpad Capabilities: Empowered startups and projects with a robust Launchpad for their token launches.

Staking Mechanism: Implemented a secure staking mechanism, enabling users to participate and earn rewards.

In-App Wallet: Developed a user-friendly in-app wallet for convenient management of digital assets.

Affiliate Program: Designed an efficient affiliate program to promote user engagement and growth.

NFT Marketplace: Created a marketplace for Non-Fungible Tokens (NFTs), expanding opportunities for unique digital assets.

Overcoming ICP Challenges: Conquered the challenges posed by ICP blockchain's unique architecture, programming language, and deployment methods.

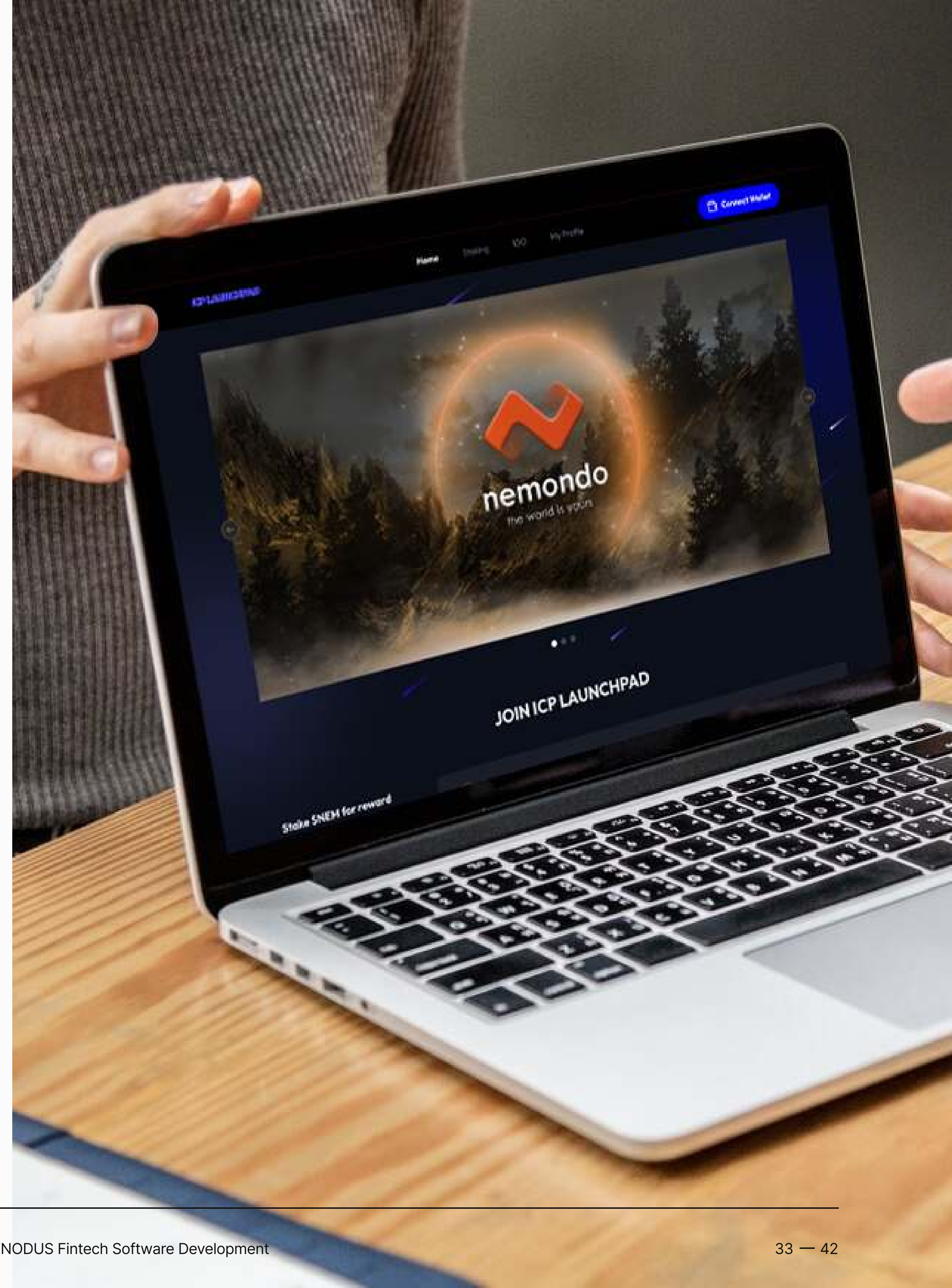
Results & Impacts

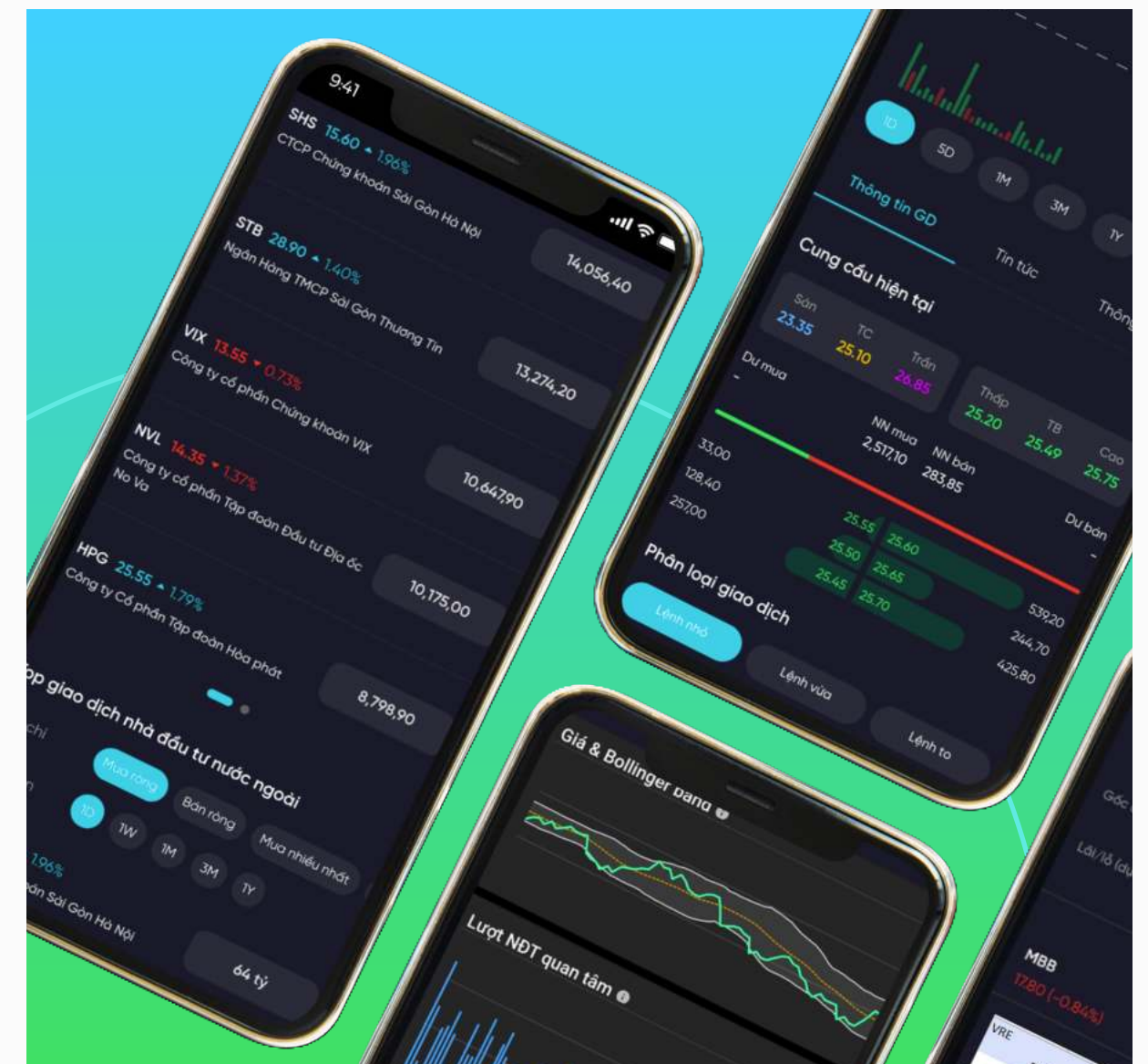
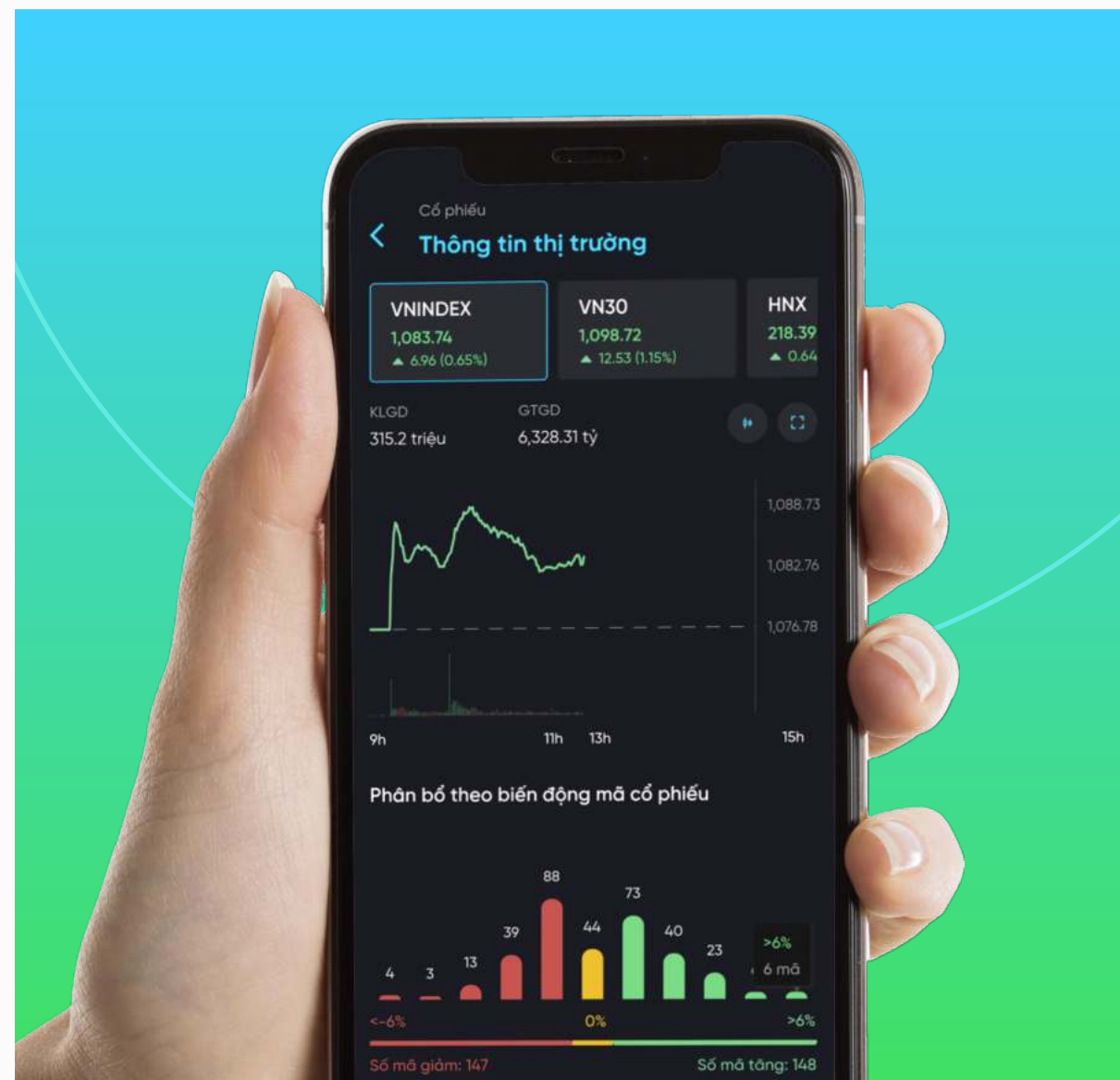
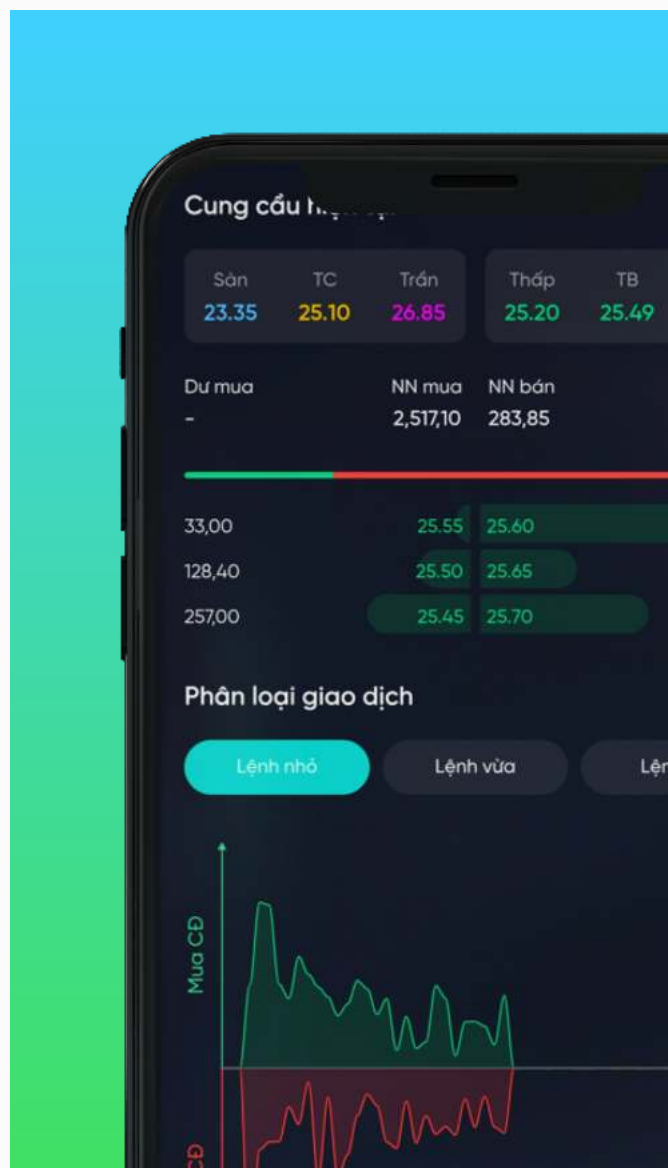
Initial triumph:

- ▶ The project secured over \$300,000 in seed funding.
- ▶ Five projects are now listed on the platform.

What's next?

Future Collaboration: The founder expresses confidence in our partnership and intends to explore further collaboration in their next initiatives. Our journey with the Crowdfunding Platform project has been a testament to our commitment to innovation and expertise in the fintech domain.





Stock Exchange

Transforming Outdated Securities Systems into Seamless Digital Experiences

Project Overview

XYZ Securities, a stalwart in the securities industry for over 20 years, faced a critical challenge as their market share dwindled. With emerging competitors leveraging technology to enhance customer experiences, XYZ Securities needed a strategic overhaul to regain their position among the top 10 securities companies. The key strategy in their pursuit of success was digital transformation.

Navigating Stagnation

Tech Stack

Golang, Nodejs, Reactjs, Kafka, AWS, Kubernete, Microservice, Flutter

Project Completion Time

06 months of work

Team Structure

08 people worked

Despite financial robustness, the client operated in a market where their stocks lacked active attention. Creativity and innovation were missing, and the end-user experience was subpar. The company also faced a shortage of versatile investment products. And the core system posed challenges for expansion.

Synodus emerged as the chosen innovation partner, a decision grounded in extensive due diligence, showcasing our expertise and proven track record. Faster processes, deep domain expertise, and a commitment to client success were the hallmarks of benefits our clients typically enjoyed.

A Journey of Transformation

Synodus embarked on a transformative journey to address challenges head-on.

Versatile Investment Products: Our market-centric approach identified gaps, shaping a modular infrastructure for adaptable investment products. A phased rollout plan ensured seamless integration.

Enhanced User Experience: User-centric workshops and an intuitive design overhaul enriched the UI/UX. Personalized dashboards and real-time updates tailored the user journey.

Online Self-Care Functions: Automated processes and a sophisticated eKYC platform simplified account tasks, empowering users with efficient self-care features.

System Expansion: A scalable, modular architecture prepared for future markets, ensuring compliance throughout the seamless expansion journey.

Technical Excellence Under the Hood

Infrastructure for New Products: Use microservices and API-driven communication. And implement a comprehensive testing framework.

User-Centric Design Overhaul: Adopt a mobile-first, responsive design. Integrate analytics for real-time optimization.

Automated Self-Care Functions: Implement automated account processes, ensuring a flawless eKYC experience with user feedback loops.

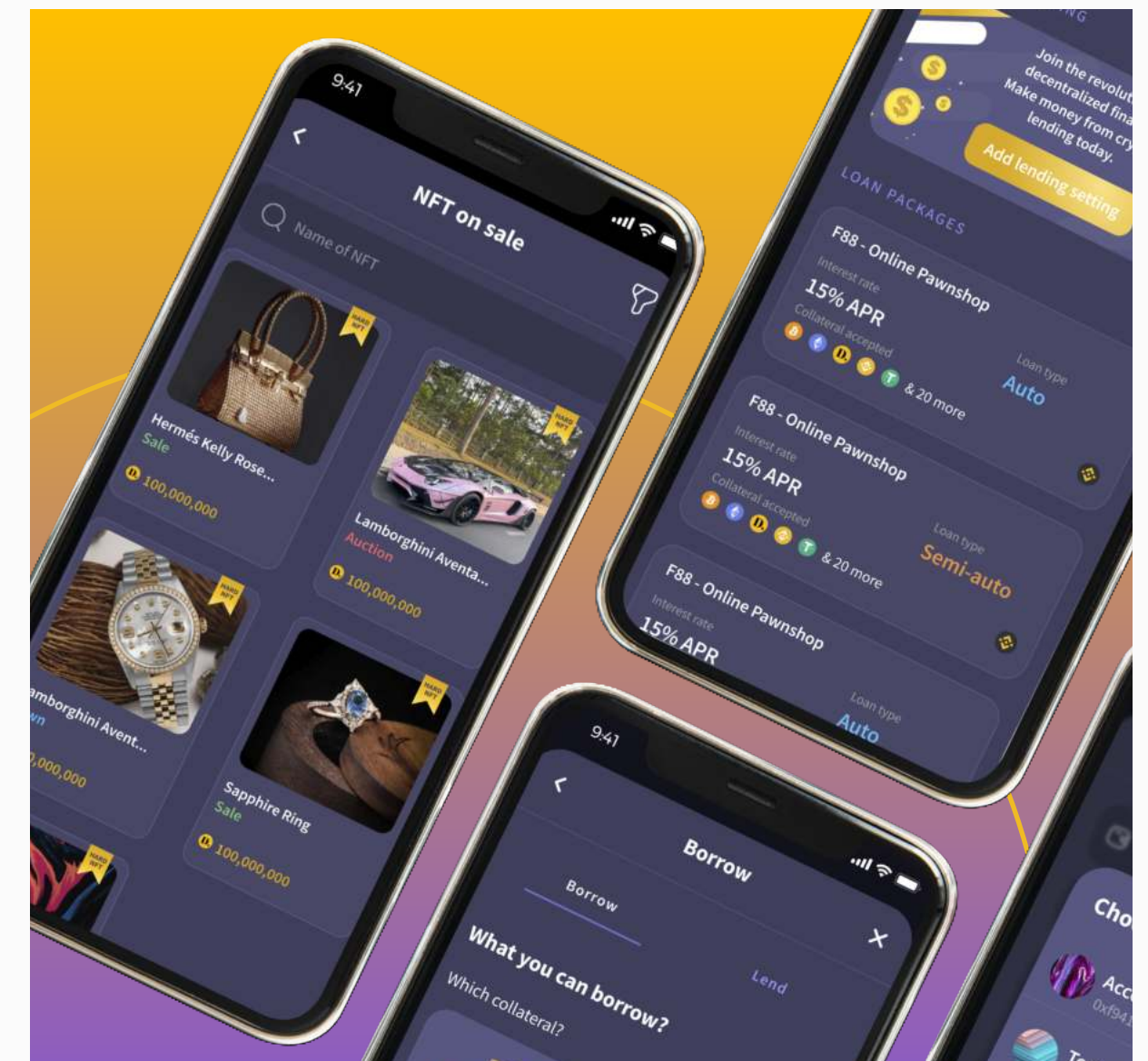
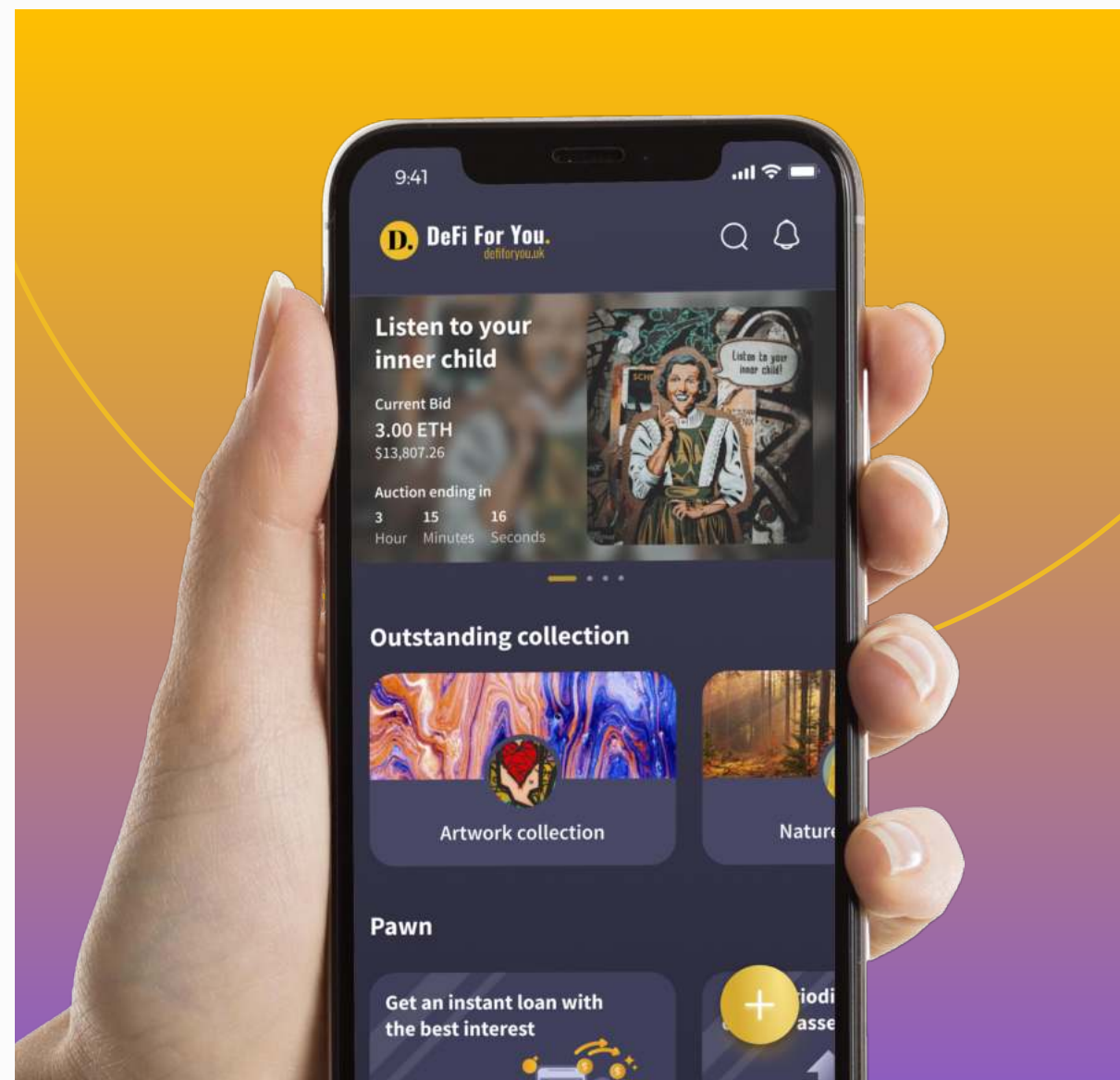
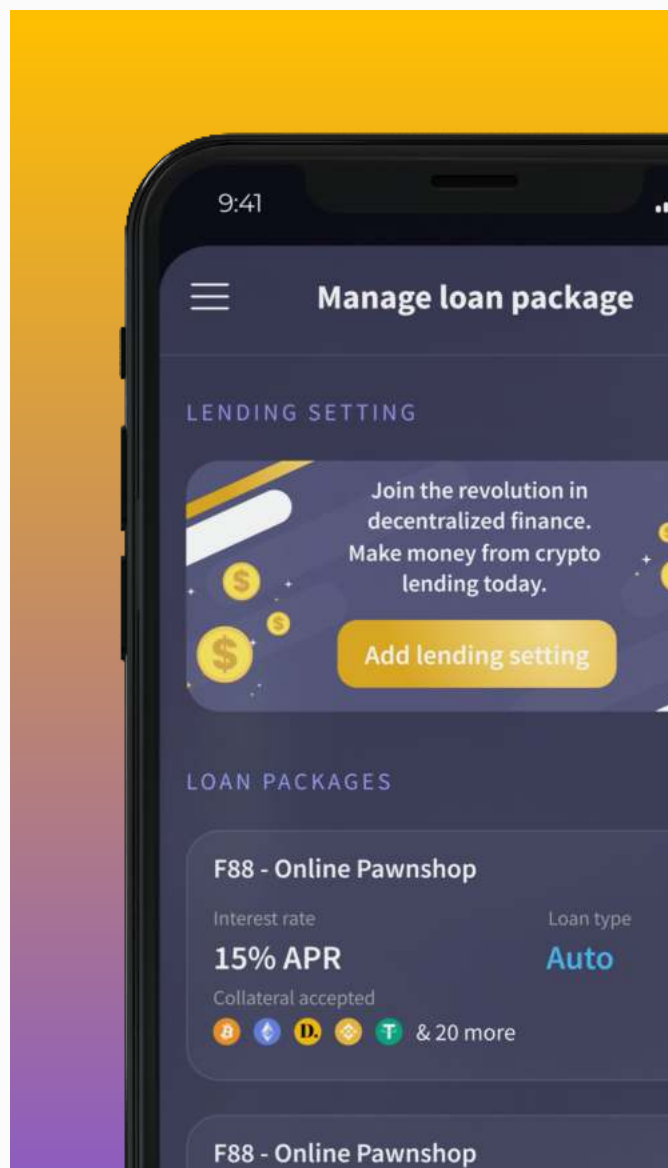
Scalable System Architecture: Migrate to a cloud-based infrastructure and integrate containerization allowed for efficient deployment, complemented by a monitoring and alerting system for heightened technical efficiency.

Results & Impacts

'XYZ Securities' digital transformation journey with us has propelled them toward renewed success and customer satisfaction.

- ▶ Market visibility soared, unlocking new avenues for our client's growth.
- ▶ Personalized dashboards and real-time updates elevated the user journey.
- ▶ Shifted from 100% offline to fully automated online processes, enhancing self-care functions.
- ▶ Scalable architecture facilitated a seamless market expansion with compliance as a cornerstone.





P2P Lending

DeFi For You's Path to Democratizing Credit

Project Overview

DeFi For You, a revolutionary financial technology company, was founded by a co-founder of Travalat.com, a fairly prominent crypto-enabled OTA. In a world where millions lack access to capital due to traditional banking limitations, DeFi For You emerged as a beacon of hope. Their platform, built on the Binance Smart Chain, allows users to work with pawnbrokers to tokenize physical assets and use them as collateral for stablecoin loans.

Tech Stack

AWS, Kubernetes, Jenkins, GitLab, ASS, Prometheus, ReactJS, Typescript, Flutter, Solidity, Binance Smart Chain, NodeJS, IPFS, Hardhat, Gnosis Safe Multisig, Moralis

Project Completion Time

1.3 years of work

Team Structure

20 people worked

New Venture with a Trusted Ally

DeFi For You embarked on a mission to democratize access to credit, allowing users to set their terms and interest rates for loans and tokenize hard assets. DeFi For You's CEO, having previously collaborated with us on another blockchain startup, turned to us for their ambitious DeFi venture. He shared his ideas, sketching them on a board.

Despite limited prior DeFi exposure, we were captivated by the potential and joined their journey as a strategic technology partner. This venture required significant effort and resources, but the entire team was committed to the mission, immersing ourselves in the world of DeFi.

Solution

Solution Provided

We developed a comprehensive DeFi platform accessible via web and mobile, featuring:

- Peer-to-peer lending with crypto, NFTs, and hard assets as collateral.
- Peer-to-peer loans, lending from liquidity pools, and a digital NFT marketplace.
- Tokenization of soft and hard assets, enabling asset-backed loans.
- Crypto transactions via an OTC platform.
- Integration with third-party services for a seamless user experience.
- A secure crypto wallet for users.
- Certik audit and certification for security.

Overcoming Technical Challenges

Performance Challenge: Ensuring high-performance execution of smart contracts on the NFT & OTC trading platform. Our in-house scanning solution eliminated trading fees and provided impressive scalability, handling 300,000 orders per second.

Automation Challenge: Guaranteeing the security and validity of transactions on the platform. We implemented AWS Key Management Service (KMS) with a robust encryption mechanism, securing private keys and verifying transaction validity.

Results & Impacts

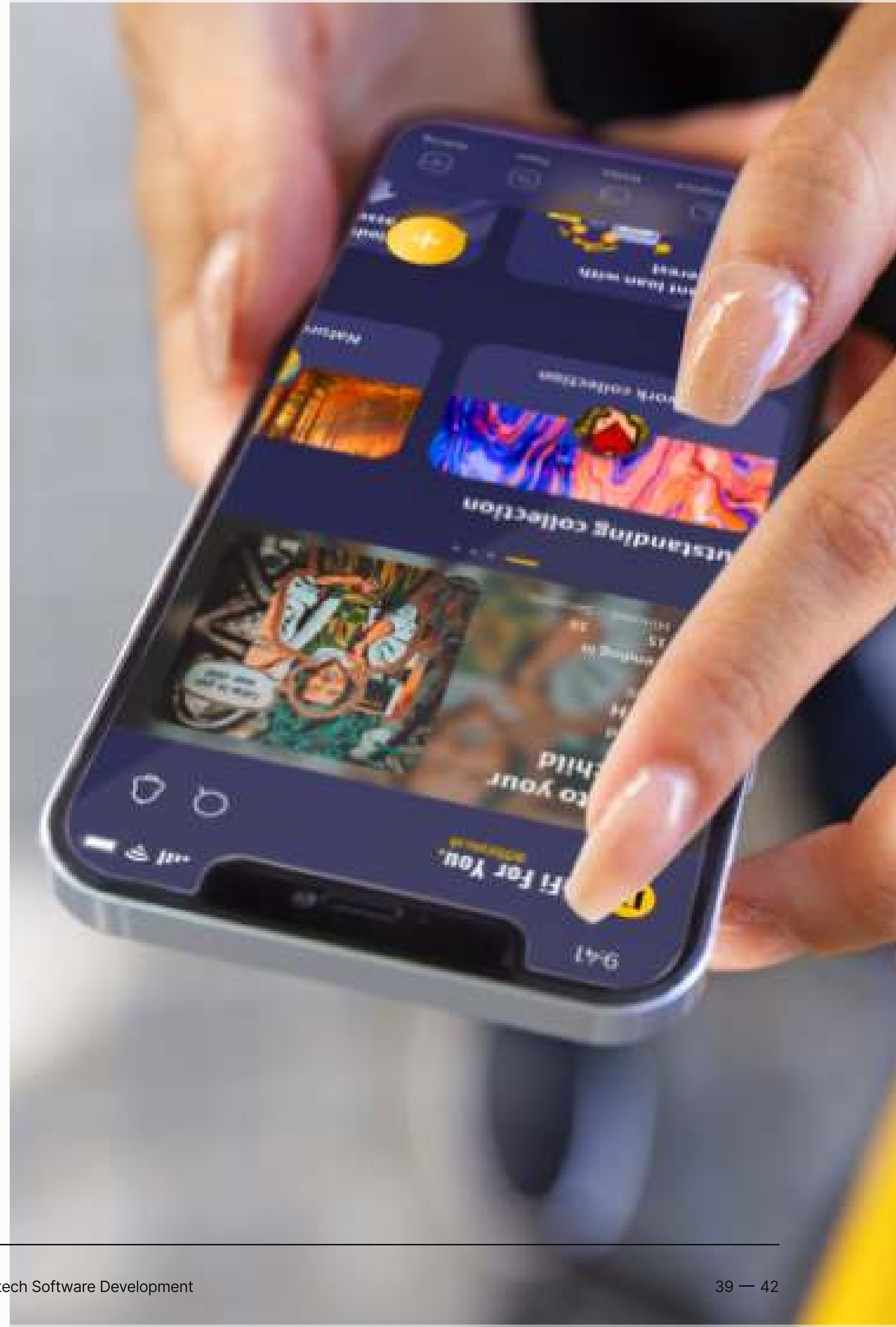
Our collaboration with DeFi For You resulted in significant achievements, as evidenced by the following key metrics:

- ▶ Total token supply: **861,416,467**
- ▶ Wallet holders of DFY tokens: **28,700**
- ▶ Transactions made with DFY: **120,000**
- ▶ DFY tokens sold before listing on exchanges (IDO and pre-sale): **226,818,268**
- ▶ DFY tokens burned in quarterly burns: **139,381,732**

These numbers reflect the successful adoption and growth of DeFi For You's platform in the DeFi space.

What's next?

In the ring with global bigger guys, our debut dance with this esteemed client was a fierce one. We promised, we delivered, and they chose us to lead the way in their risk management journey. We've earned their trust, one project at a time.



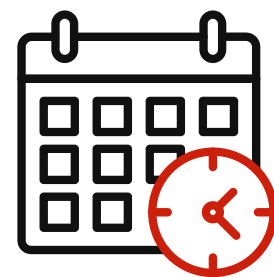
• How we work together

We are open to discussion about our cooperation based on your specific project requirements and specifications, resources available, and timeframes. You will be very happy with our flexible and client-oriented engagement models.



Fixed price

Best used when it's a small or medium-sized project or MVP and you have clearly defined your needs and expectations to the developers.



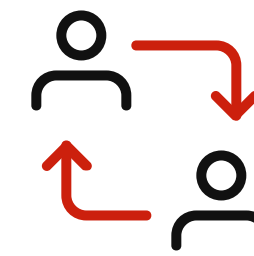
Time & Materials

Best used when there are no detailed project documentation/ project specifications and requirements are constantly evolving and changing.



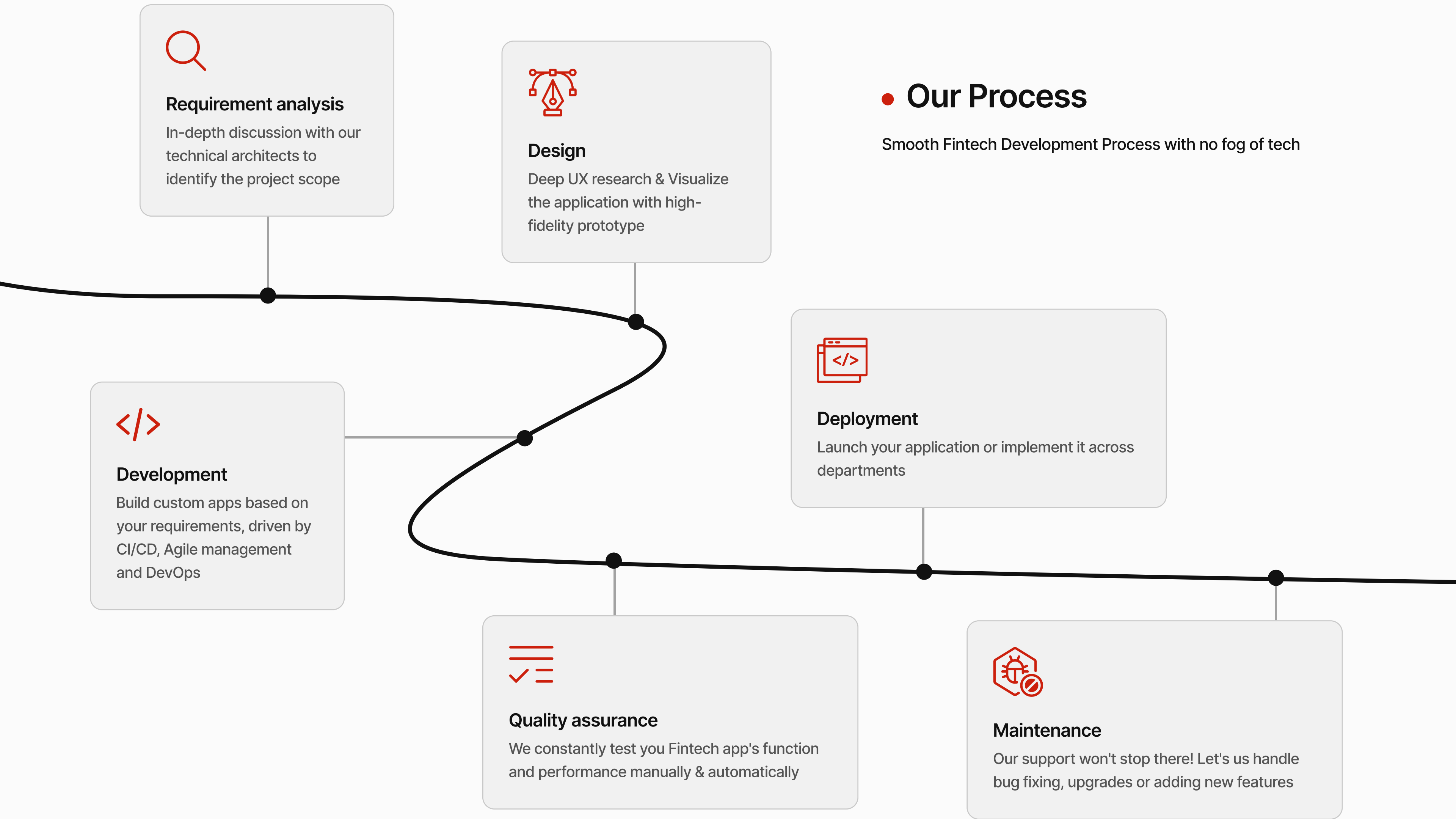
Dedicated Team

Best used when the project idea is well thought and defined, all project requirements are available for development and you have in-house specialists to manage the development process.



Build-Operate-Transfer

Best used when your in-house team plan to operate and own an off-shore development team and needs aid from a reliable tech partner before taking full control of the team.



• **Our Process**

Smooth Fintech Development Process with no fog of tech

We're excited to have you as our **new partners**

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