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Business Domain
Finance, Payments and POS

Project Type
Mobile SDK
(Software Development Kit)

Empowering Retailers with a Next-Gen Mobile SDK Allowing Easy-to-Implement Payment Processing

Client

A prominent player in the UK payment solutions industry, the Client is renowned for its cutting-edge and secure payment processing systems, enabling businesses to process payments faster, safer, and more efficiently throughout the UK and beyond.

Project

To develop a Mobile SDK (Software Development Kit) for iOS and Android, providing app developers with tools to integrate payment processing easily. The SDK handles transaction processes, supports various transaction types and environments, and integrates with Google Pay, Apple Pay, and card.io.

Objective

To develop a secure and efficient payment solution that is easy to implement in the mobile application of the Client's customers, thereby increasing the number of retailers using their payment processing platform.

Team Reinforcement

The Client required developers to create a Mobile SDK for payment processing. Operational under a Time and Materials framework, the project has matured into a long-term partnership with continuous support.

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Challenge

As a leading omnichannel payment processing company, the Client desired to increase the number of transactions, leading to higher revenue. That involved creating a mobile SDK for effortless integration into customers' apps. The project complexity arose from strict security needs, cross-platform compatibility (iOS & Android), and diverse payment methods integration.

Considerations:

- Need for a secure, efficient payment solution for easy app integration.
- Desire to increase the number of merchants using their platform to boost revenue.
- Requirement for multi-platform and multi-payment method compatibility.

The Client lacked expertise and experience in mobile SDK development, seeking a team proficient in iOS and Android platforms, diverse payment methods, and dealing with high-security requirements.

Quick Facts

- ✓ Ready-to-use mobile SDK allowing seamless integration of secure payment processing into various apps
- ✓ Timely Agile delivery and continuous improvement throughout the project
- ✓ Increased number of transactions, amplifying the Client's revenue

Technologies

Swift / Kotlin / Apple Pay SDK / Google Pay SDK / Card.io SDK / Axure RP / Secure Sockets Layer (SSL) / Transport Layer Security (TLS) / JSON Web Tokens (JWT) / 3D Secure

Solution

★ 01

A secure and efficient payment processing platform for app developers, leading to an improved user experience and increased transactions for the Client's customers.

★ 02

The Mobile SDK integrates seamlessly into various apps, handling all aspects of the transaction process. It supports multiple platforms and payment methods, providing a versatile solution for the Client's industry.

★ 03

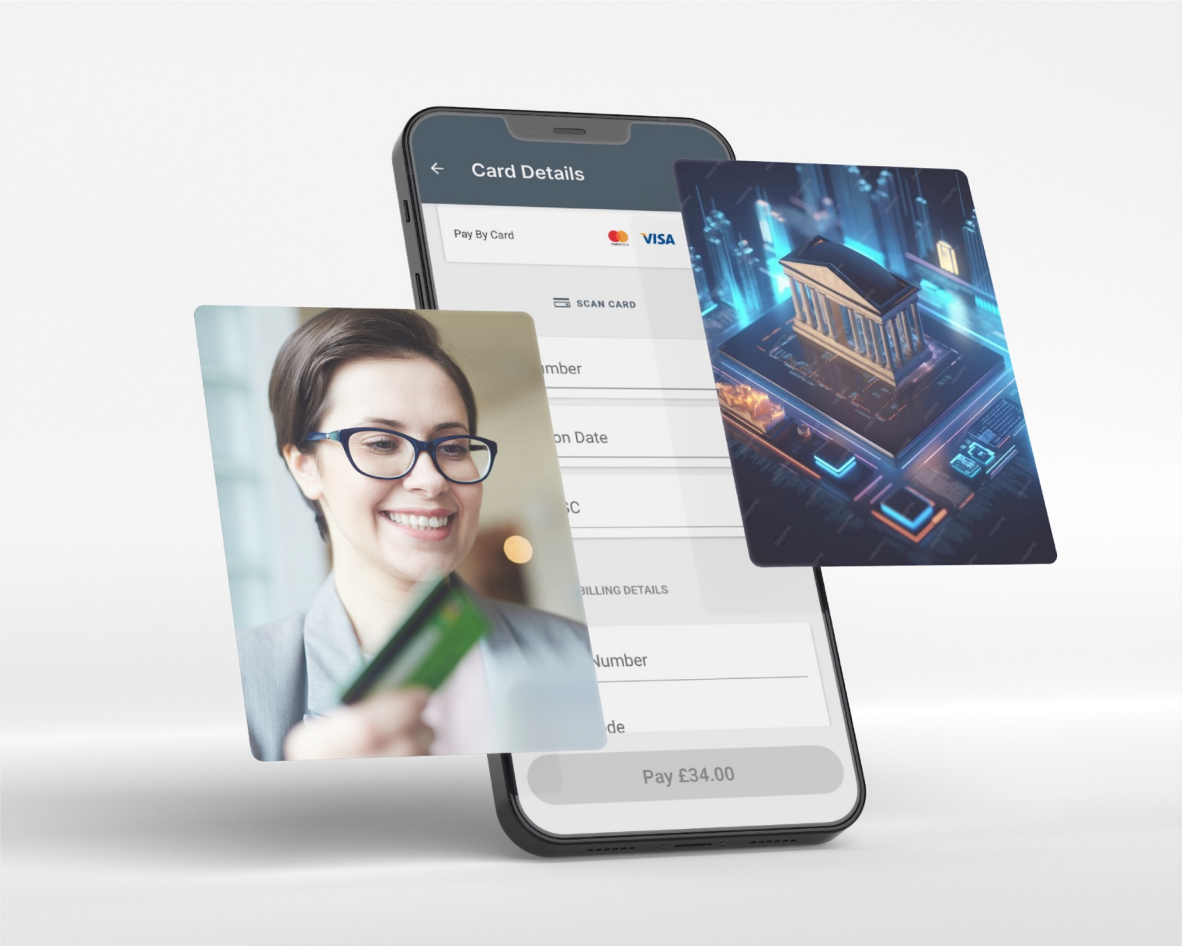
The SDK is feature-rich, offering secure card data encryption, a convenient model for storing and initiating payment requests, and a user-friendly interface for capturing card data.

★ 04

The project followed an agile methodology with 2-week iterations. The development process included graphic design, development, testing, integration, deployment, and ongoing support.

★ 05

The Client fulfilled the required expertise in mobile SDK development and benefited from the Intetics team's deep understanding of both iOS and Android platforms, knowledge of various payment methods, and high-security requirements.



Benefits and Results

- The Mobile SDK provided a secure and efficient payment processing platform for app developers, improving user experience and increasing transactions for the Client's customers.
- By introducing the mobile SDK, the Client enhanced its payment processing capabilities, attracting a substantial rise in retailers using it and, ultimately, fueling revenue growth.
- Over 1,5 years, there was a noticeable improvement in the customers' overall performance, with mobile SDK deployment being among the key growth factors.

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Techstack:

Swift, Kotlin, Apple Pay SDK, Google Pay SDK, Card.io SDK, Axure RP, Secure Sockets Layer (SSL), Transport Layer Security (TLS), JSON Web Tokens (JWT), 3D Secure

Team: 5

Project Manager,
2 Senior Developers,
1 UI designer,
1 QA