


# Digital Payment App Development

Payments-as-a-service platform for Africa-based banking partners in Tier 2 & 3 countries

## PROJECT OVERVIEW

With the growing demand for fast and convenient cashless transactions, a progressive FinTech firm partnered with Rishabh Software to tap into the profitable market of digital payment solution apps. Rishabh Software was engaged for a mobile payment app development project that aimed to provide Mauritian users with seamless, secure, and convenient digital transactions.






  
Capability  
Digital Experience

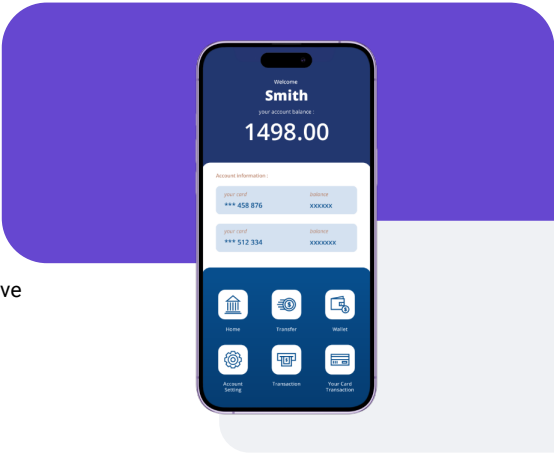
  
Industry  
FinTech

  
Country  
Mauritius








## KEY FEATURES

To address the client's need for custom digital payment app development, we designed a feature-rich digital payment solution that efficiently bridged the gap between banks and individuals. To ensure financial inclusion, this payment solution was further enhanced with the following features:

-  **Digital Wallet**  
The app offers the convenience of a secure digital wallet through which users can store and manage funds. It allows users to conveniently make quick and secure payments with an extra layer of security.
-  **Payment Enablement**  
The app helps businesses enable payments for their customers who can send and receive funds directly through P2P payments, QR code scans, bank transfers, in-app payments, and contactless transactions
-  **Virtual Cards**  
The digital payment app offers virtual cards for one-time or recurring subscription payments with customizable schedules and spending limits.
-  **Cross-Border Payments**  
The app helps businesses send and receive cross-border payments with competitive FX rates and offers flexible fee configurations.
-  **ISO 20022 Messaging Standard Support**  
Ensures seamless integration and communication across the global financial ecosystem.



## CHALLENGES WITH EXISTING SYSTEM

-  Complex banking systems with multiple intermediaries.
-  Lack of a unified payment platform across institutions.
-  Initial registration required for mobile-to-mobile transfers.
-  Complex backend integration for seamless transactions.
-  Integration challenges with critical banking APIs.
-  Compliance with national and international regulations.
-  Scalability issues for increasing transaction volumes.

# SOLUTION

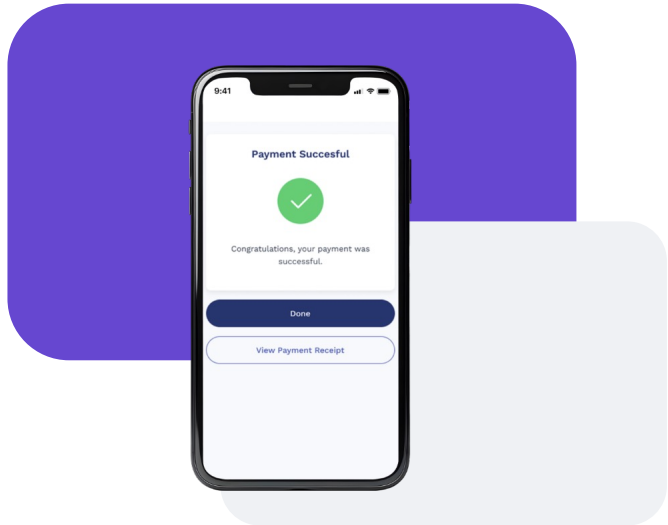
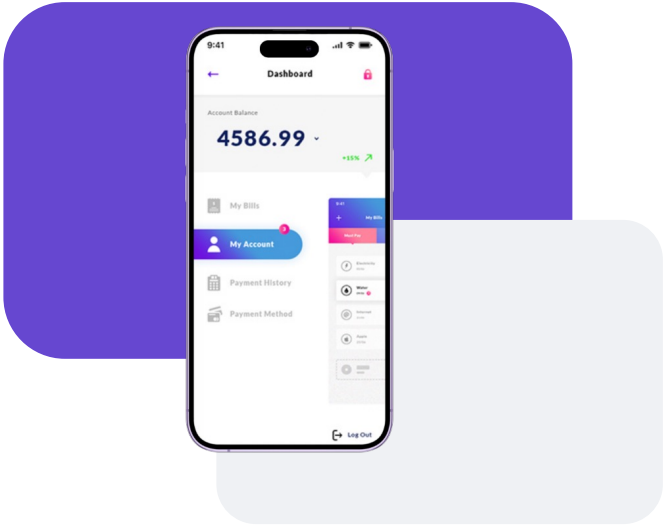
We implemented a multifaceted mobile payment application development strategy. It aimed to overcome the above-mentioned challenges and deliver a solution that simplified and streamlined the payment process.

## ▶ Introducing Unregistered Number Transfers

Recognizing the importance of accessibility, we introduced unregistered number transfers. This allowed users to initiate transactions effortlessly without the need for prior registration.

## ▶ Expert API Integration

Our team executed API integration for smooth communication and data exchange between various components of the platform like Banks, Financial Institutions, CDD Agencies, etc. This ultimately enhanced the platform's reliability and performance.



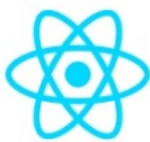
## ▶ Robust Callback Handling

To address the need for timely transaction updates, we developed a robust callback mechanism capable of handling success and failure notifications with precision.

## ▶ Precise QR Code Decoding

We built a high-performance QR code decoder capable of fast and accurate scanning and processing. This feature enhanced the efficiency of QR code-based transactions, reducing transaction times and improving UX.

# TECHNOLOGIES & TOOLS



# BENEFITS

36%

boost in smoother transaction volume resulting from simplified transfers & user acquisition.

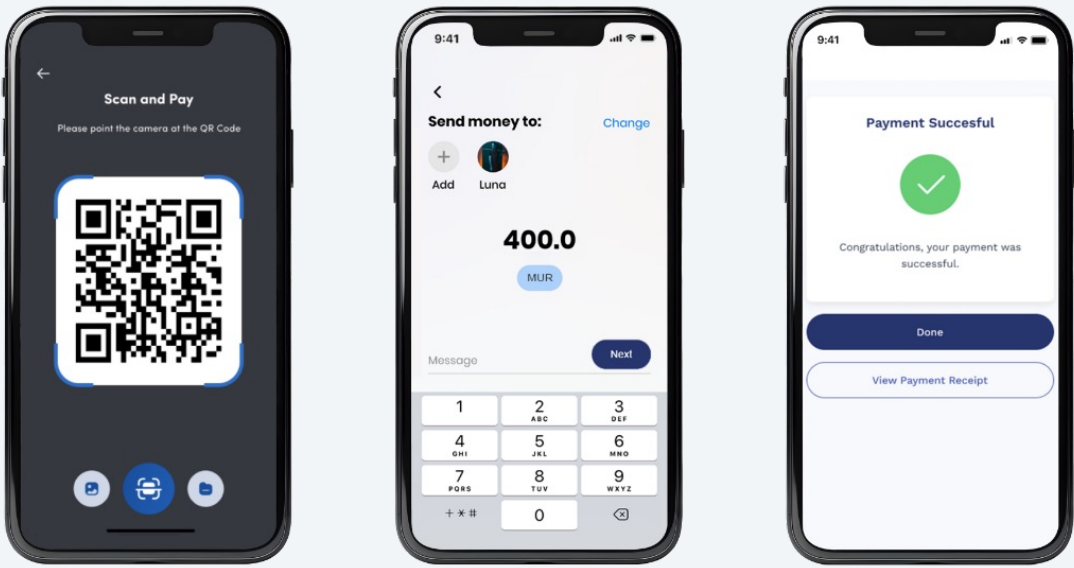
28%

increase in user base with a user-friendly interface streamlining the payment process.

98%

CSAT score in the Q1 of implementation with hassle-free payments.

# PROJECT SNAPSHOTS



## ABOUT RISHABH SOFTWARE

We are a global provider of enterprise-grade web, mobile, cloud, and analytics solutions. As ISO 9001 and 27001 certified software development company, we have two decades of service excellence delivering 1000+ successful projects globally, including the USA, UK, Europe, Middle East, and Australia.

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