

Transforming Business with Our Custom Transaction and Integration Management App

Ramp is the fintech and blockchain company that offers an SDK/APIs suite that lets the users buy cryptocurrency straight from the app and also help businesses implement a solution that removes complexity, increases trust, and reduces friction for customers moving between crypto and fiat.

INDUSTRY	HEADQUARTERS	TECH STACK
Fintech	London, England	TypeScript PostgreSQL

Project Description

Ramp entrusted us with crafting an auxiliary application designed to harmonize seamlessly with their main platform.

This app provides hosts with a straightforward way to register and manage their transactions. Users can set up accounts, go through a simple verification process, and monitor transactions in real-time.

In addition to transaction tracking, the app offers easy access to educational guides and customer support. We've extended the app's capabilities, including options for custom branding, API key management, and financial oversight. The primary goal was to make the interaction between hosts and Ramp's platform more seamless and efficient.

Challenges

Navigating this [project](#) presented a series of intricate challenges, the primary among them being the need to integrate seamlessly with a pre-existing, multifaceted system. Adapting to unique client protocols for API creation and [code](#) management in an external repository required dedicated training and nimble adjustments to our usual methodologies. Other complexities included stringent requirements for secure **API key management** and the absence of popular UI styling libraries, demanding a manual approach. Balancing these technical hurdles with the client's specific [software development](#) practices meant that effective communication and [agile](#) adaptability were essential in successfully delivering on the project's objectives.

Approach & Results

Our comprehensive approach began with Stakeholder Interviews, providing valuable insights into the client's needs and guiding our Prioritization process. We identified key features for the **Minimal Viable Product (MVP)** and planned a Phased Development strategy. The MVP prioritized essential functionalities like host registration and transaction displays, followed by Expanded Functions like liquidity management and key app functionalities in the app's current ecosystem, such as invoicing.

Adhering to an **Iterative Development model**, we broke the work into 2-week Agile sprints, each ending in a client feature presentation for immediate feedback. Testing was multi-faceted, involving automated unit and integration tests, supplemented by client-involved manual and acceptance tests. To meet the client's expectations, we also ensured that a set of suitable tech talents was deployed to the project.

For effective communication, regular meetings were scheduled, and Kanban tools like Trello were used for progress tracking. This transparent client engagement allowed for swift Implementation of Changes based on both feedback and test results.

The outcome was a robust solution that seamlessly integrated into the client's existing ecosystem, exceeding initial expectations. Through a phased and iterative approach, augmented by continual testing and client feedback, we achieved a successful project that precisely fulfilled the client's varied and complex needs, thereby solidifying the effectiveness of our methodology.