

Crypto Payments

High-tech Gateway for Payments in Crypto-Currencies

Development service

Development of an easy-to-integrate payment gateway with a high degree of protection

Business niche

Fintech, Crypto

Time spent on the project

4 months

Technologies we used

Django, React JS, Kubernetes

CHALLENGE

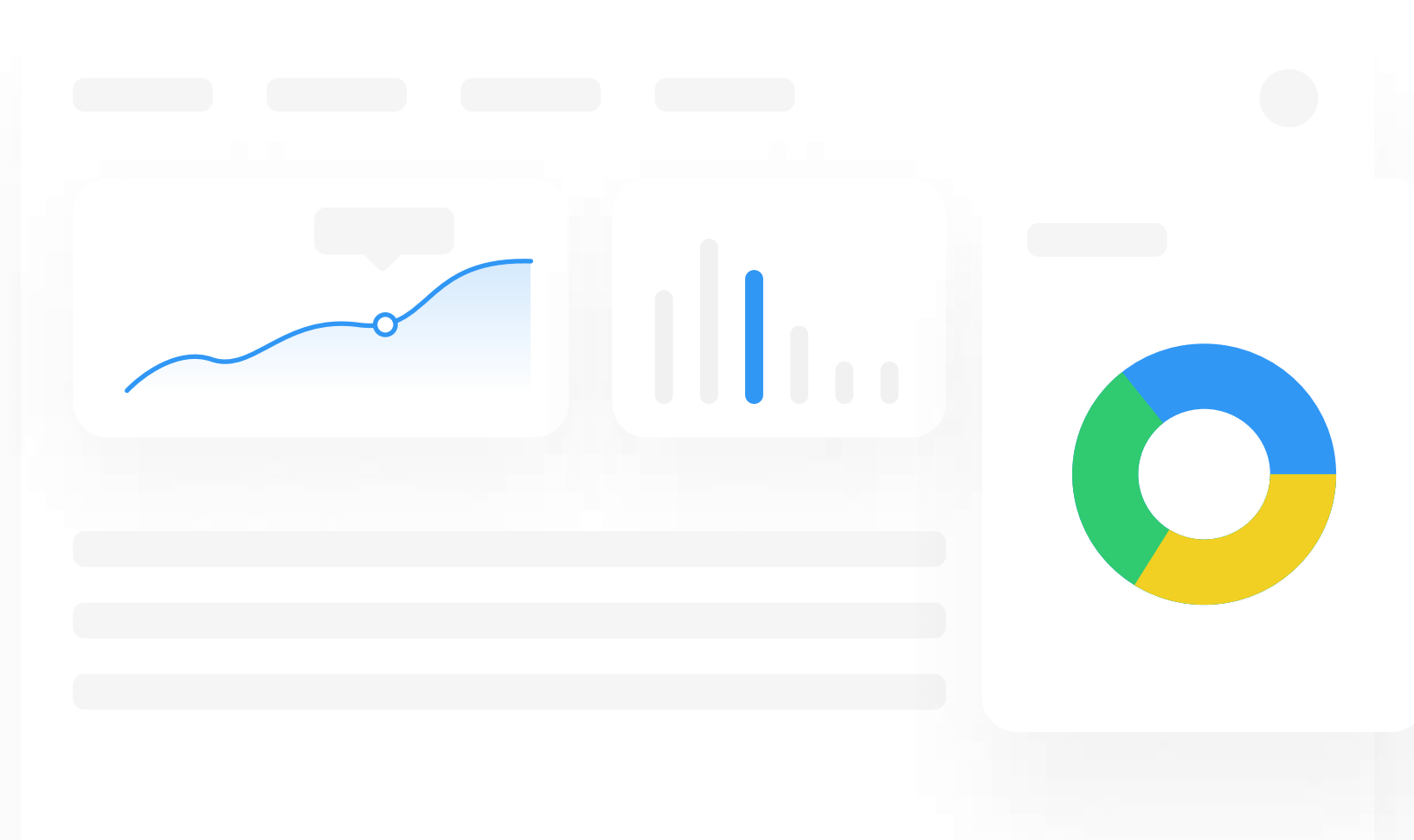
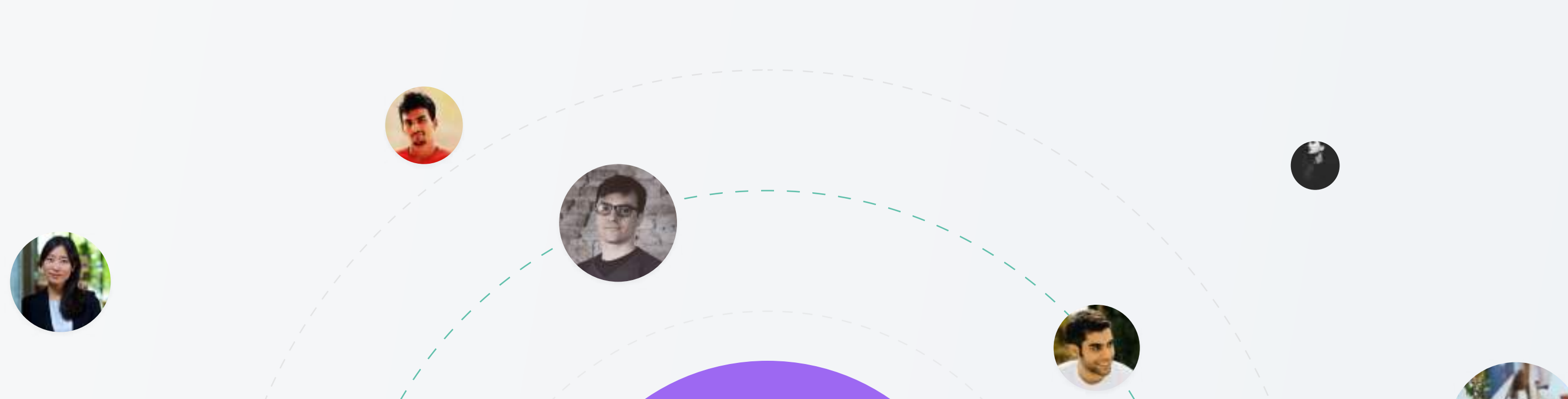
In modern realities, payment for services and goods with cryptocurrency isn't easy to implement in a business.

In today's reality, the ability to pay for services or goods in cryptocurrency is a rarity. Developing your own payment solutions requires financial costs and does not guarantee the desired result. Now this problem has been solved, because OwlLab has developed a payment gateway that lets users pay for products and services using cryptocurrencies just as simple as a traditional payment method. It is risk-free, secure and can be easily integrated into any website or mobile application.



Client/Target audience

The target audience is the owners of websites and mobile applications who want to add a cryptocurrency payment method to their services.



Product Overview

The possibility of paying for goods and services with cryptocurrency is gaining popularity every day, and blockchain development has become a trend for e-commerce. To expand their customer base, many online stores are already starting to accept alternative payment methods. However, there are often some problems with integration, large commissions and an inconvenient interface.

Therefore, OwlLab created an easily integrated system for accepting payments in cryptocurrency, which allows users to pay for goods and services as simply as through banking. Our team has applied many years of experience in blockchain development and UX-driven development to create a user-friendly product with powerful security. With Crypto Payments, any store can now integrate cryptocurrency payments into their business.

Important Features

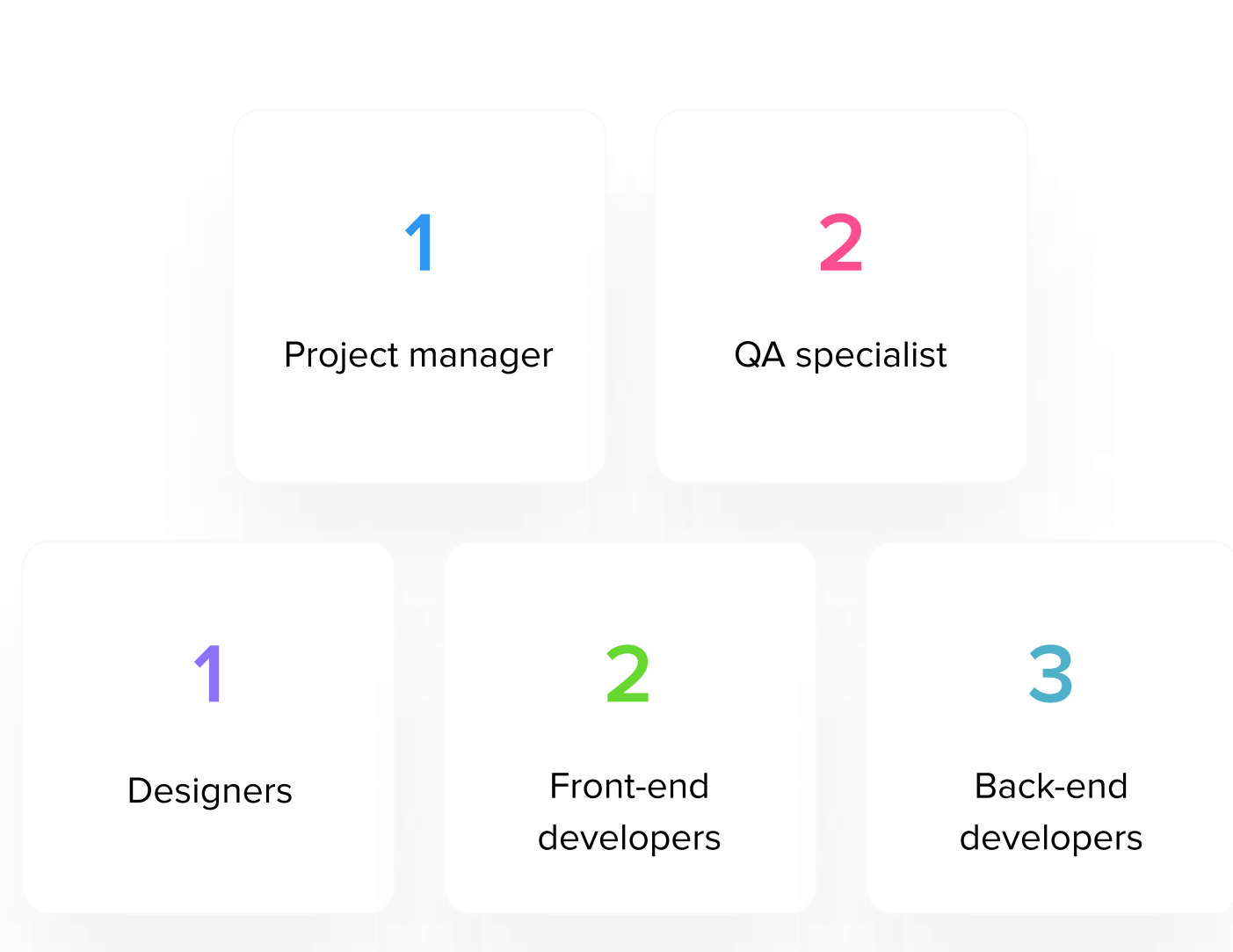
Within four months, the OwlLab team has provided the customer with a flexible, reliable, and modern solution for instant payments based on blockchain technology. Unlike other payment systems, the generated Crypto Payments gateway doesn't need the user's credit card and provides maximum security for both parties in the transaction.

With Crypto Payments customers can easily and seamlessly transact on any device with an SDK that supports integration of both web and mobile applications. Full documentation has been designed as well, to simplify its setup for users. Payments supported in Bitcoin, Ethereum, and other popular cryptocurrencies, which allows you not to be limited to any one particular currency. And also only one overall gateway for Crypto Payments is required, instead of separate remote gateways for each coin type, making payments very easy.



Our development team

To ensure a high level of project quality, the most experienced back-end developers of our company were involved and product testing was carried out at each stage of development.



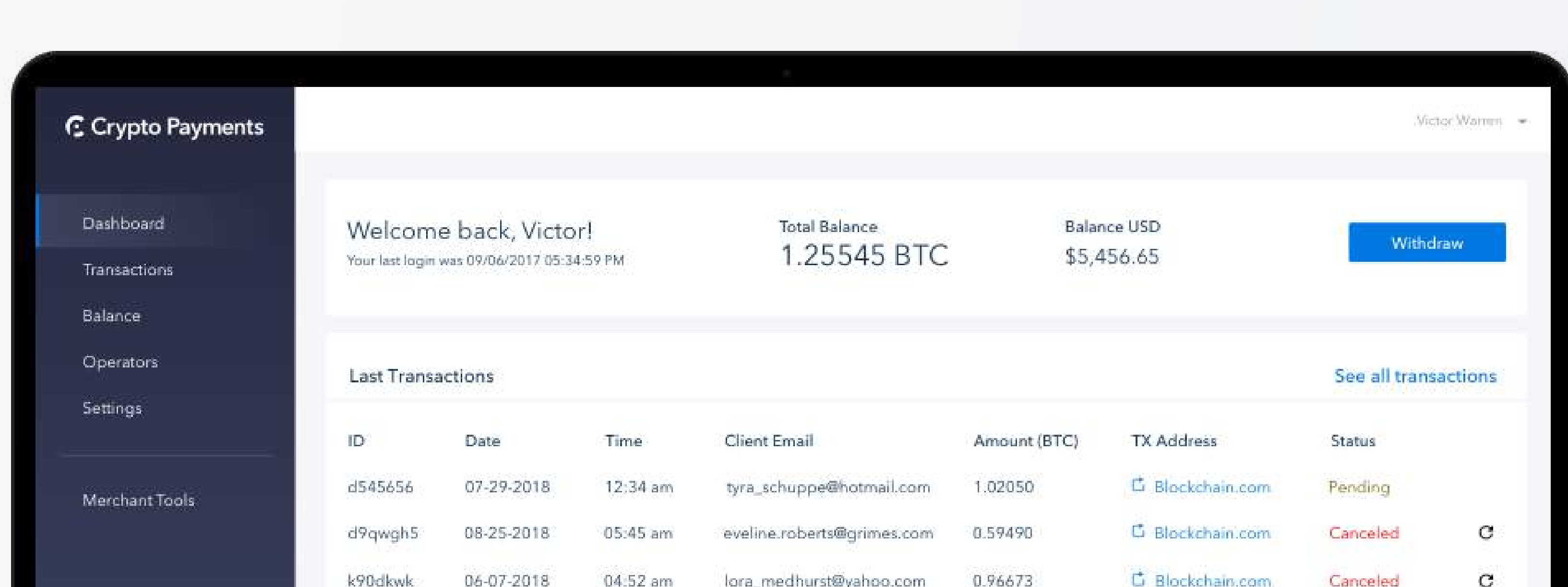
Our approach

We didn't want to overload the service with unnecessary functionality, focusing on user experience. It was decided to make 3 versions of the dashboard: for stores, admins and customers. OwlLab has created a service free of vulnerabilities, thanks to a powerful back-end architecture and experience in blockchain development. Some tools we used:

React JS This is a JS library for creating user interfaces, we used it for frontend development	Django This is a Python-based framework for developing web applications with which we created the backend	Testing We paid special attention to testing the usability of the solution so that its interface has a minimal learning curve	Python Python is a high-level, general-purpose programming language with dynamic strong typing and automatic memory management
Docker Docker is a software for automating the deployment and management of applications in containerized environments, an application containerizer	Jira Jira is a commercial bug tracking system designed to organize interaction with users	AWS S3 This is a cloud object storage with industry-leading scalability, data availability, security, and performance	

Solution overview

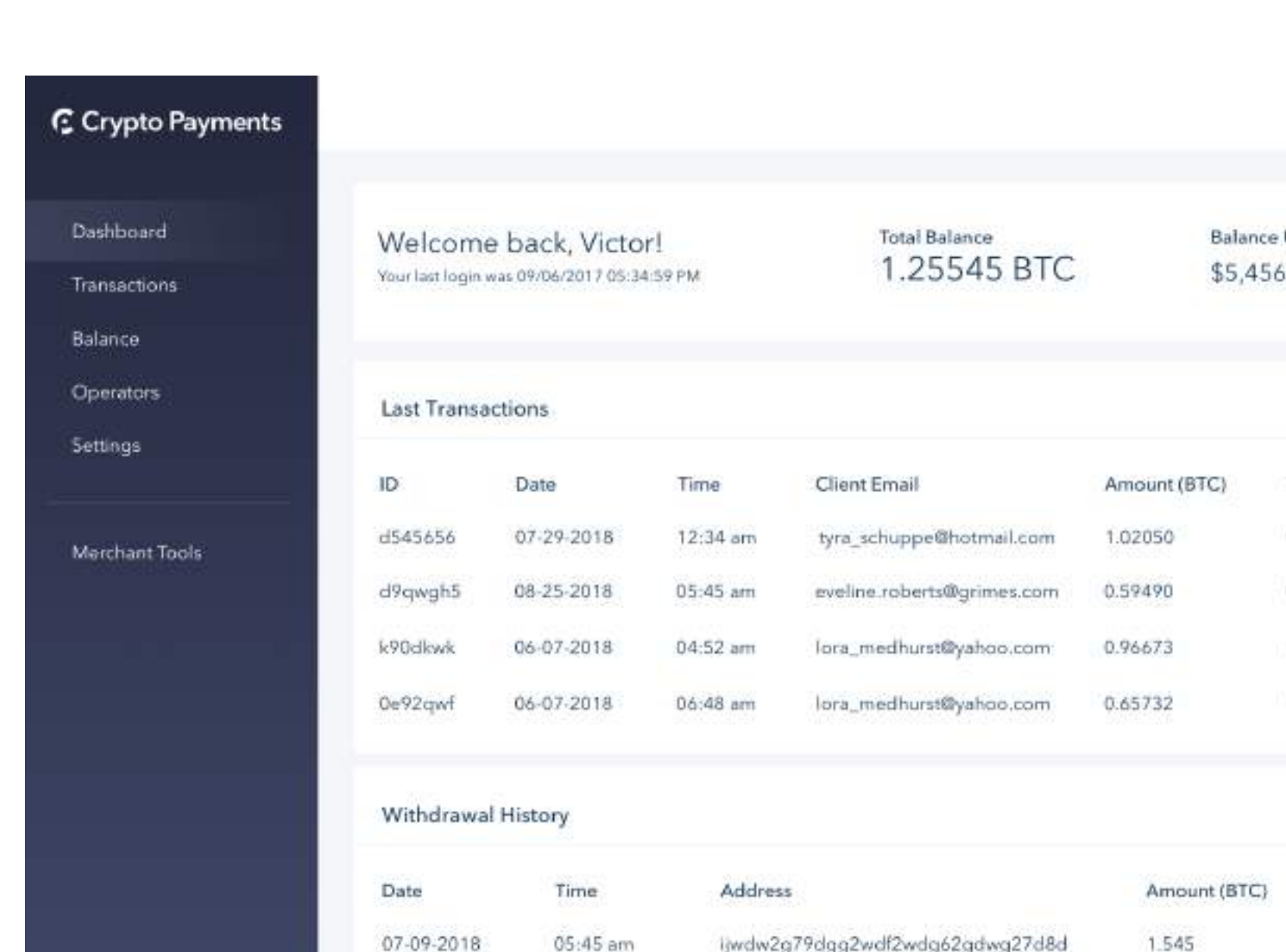
Our team has developed a convenient, high-tech custom solution that easily allows websites and mobile applications to integrate the cryptocurrency payment method. The Crypto Payments service acts as a vulnerabilities-free payment gateway based on blockchain technology, being safe for both stores and customers.



Features of Crypto Payments

Store Features:

- ✓ Easy to implement in business
- ✓ Convenient dashboard
- ✓ Detailed history of financial transactions
- ✓ An easy to use crypto wallet



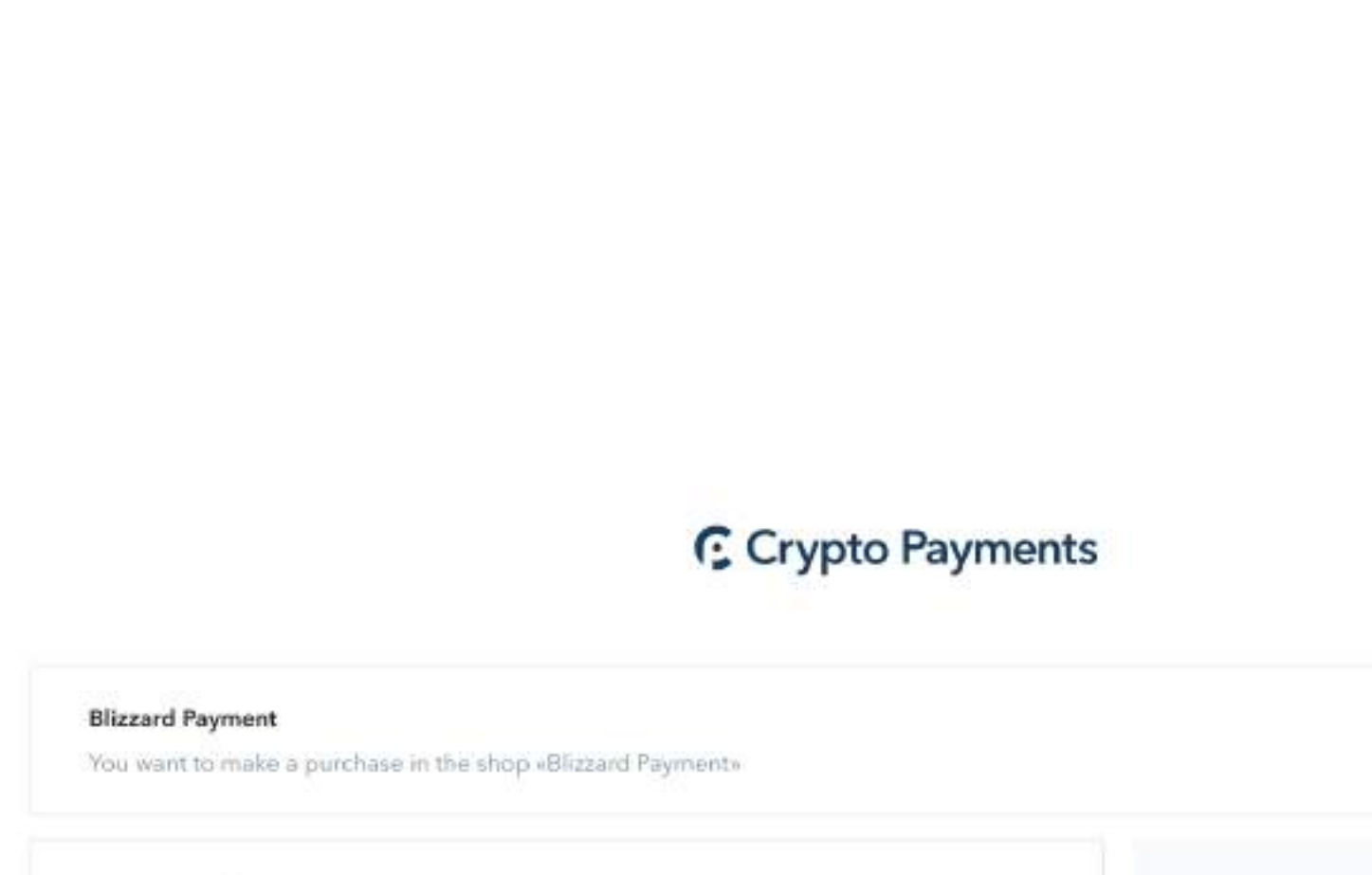
Admin Features:

- ✓ Detailed history and status control of transactions
- ✓ Convenient administration of multiple stores
- ✓ Information about each store
- ✓ Ability to customize the description and category of stores

Store ID	Email	Category	Store Name
d545656	omelye_merch@ozon.ru	Technology	North Sando
8973966	omelye_merch@ozon.ru	Gaming	New Emma
8973967	omelye_merch@ozon.ru	Technology	East Filberto
a882u82	afelme_love@yandex.ru	Technology	Lake Arman
8u2u2u2	afelme_love@yandex.ru	Gaming	East Horacio
9582u82	ufelck_andre@bucareme.ca	Technology	Port Christian
8u2u2u2	marcarini_jerry@hokkaido.co.jp	Gaming	MistyAporn
8u2u2u2	karuzar_julian@bucareme.ca	Gaming	New Foresth
9u2u2u2	colleen_bartlett@uag.io	Technology	Stephanieeve
8u2u2u2	leika_bartlett@uag.io	Technology	West Manuelt

Client Features:

- ✓ User friendly interface that is easy to navigate
- ✓ Making payments is as easy as online banking
- ✓ Information and payment history
- ✓ Detailed instructions for each step



Thanks for watching!

Talk to us and get your project start

www.owlab.group +380 (99) 968 10 53 info@owlab.group

