

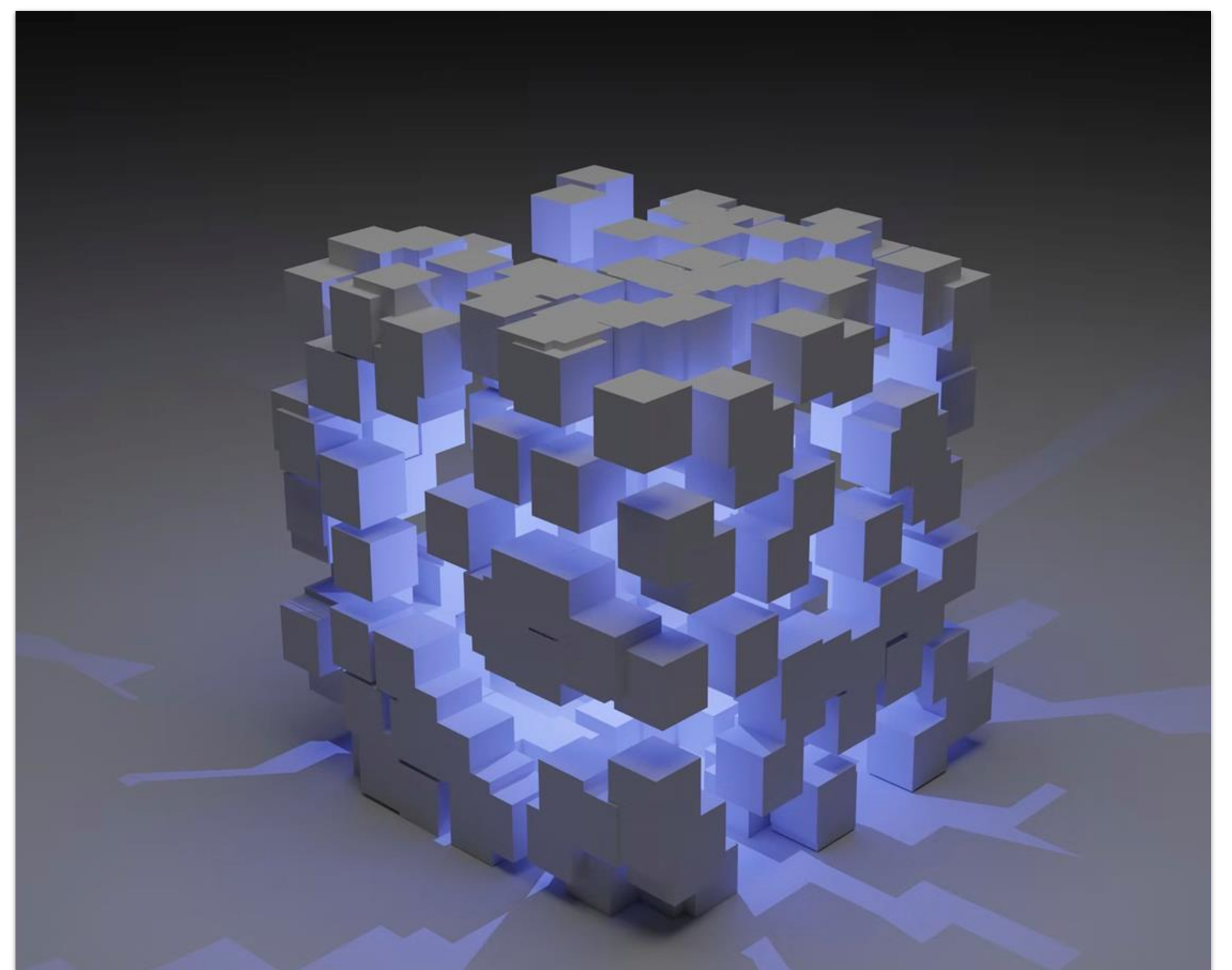
CASE STUDY

Elly Wallet - rethink and improve the crypto wallet user experience

The client is a crypto and card payment infrastructure company based in Europe that enables local and online stores to accept cryptocurrency payments instantly through its crypto payment network.

The client wanted to rethink and improve the crypto wallet user experience and stand out by offering a new service that unifies crypto apps, attracts consumers, follows digital trends, and gives them an advantage in the crypto market.

The client recognized the business advantage of having its cryptocurrency wallet, and it knew that it needed to invest in the right underlying technology. This technology would enable end-users to send and receive crypto payments through the app and exchange money/crypto with other users with crypto wallets. They wanted to make the process fast, simple, and safe. So we needed to create an app to help consumers make transactions seamlessly.



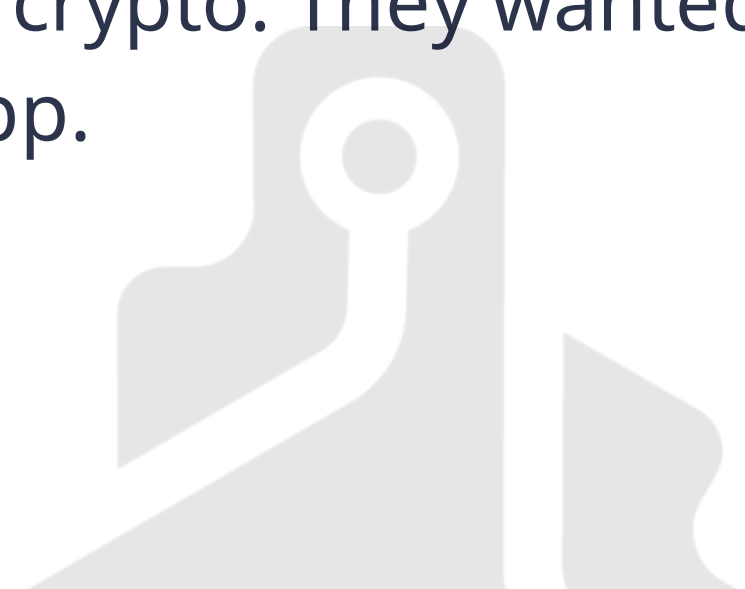
The Challenge

Understanding color theory: the color wheel and finding complementary colors

Evolt's task was to build an all-in-one crypto wallet app. For the client's already growing business in the crypto world, it was crucial to close the business circle with their end-users by enabling merchants to accept crypto payments in their stores by ensuring a simple payment flow using their cryptocurrency wallets.

With this, clients' end users wouldn't have daily difficulties paying with cryptocurrencies. Additionally, the client wanted to upgrade the crypto wallet by enabling more than just making purchases with crypto. They wanted an all-in-one crypto wallet app.

Accessibility of a wallet to crypto wallet users counted 81 million in 2022.



CASE STUDY

The goals were to enable:

1. Instant and seamless crypto transactions directly in the app by using blockchain technology.
2. Making sure that the solution is secure and stable and in compliance with all the regulations
3. Industry best practices for securing wallet private keys and sensitive data
4. Separation of blockchain facing services from the user facing services
5. Integrated KYC verification with different tiers for different regions grouped according to regulations needed for each
6. Making sure that the solution is created as per best UX practices
7. Buying and selling of crypto bas backed by a proprietary exchange platform
8. Processing fiat deposits (you can deposit FIAT from your bank account, or you can buy crypto from your card / card payment integrations)
9. Providing liquidity and easy settlement for crypto purchases
10. Searchable directory of locations that accept crypto purchases with this wallet
11. Custodial wallet
12. How to manage and preserve private keys in a security way this was done by implementing all best practices for wallet security> we made a special encrypted space for private keys with limited access rights
13. payment processor that manages and monitors the blockchain, tracks transactions
14. All-in-one app for holding cryptocurrency, buying and selling cryptocurrency, and making cryptocurrency purchases



Solution

As the final solution, we developed the first all-in-one crypto wallet that enables simple, instant buying and selling of crypto directly in one app, in addition to shopping with crypto.

We started with a client's team workshop, created a User Persona, and then did competition research and competition mapping. We analyzed competitors' wallet functionalities. We came up with a unique value proposition. After we gathered all the information, we started designing the functionalities. The solution is created as per best UX practices.



Each functionality was designed and developed with mobile crypto wallet users. The goal was to enable users to safely transfer and exchange cryptocurrencies and make purchases with crypto with a single click. The other goal was to make the app transparent for the user. With this custodial wallet, which has multi-cryptocurrency support, the client could connect with a larger crypto community.

Crypto wallet supports a variety of cryptocurrencies. This means that the client's crypto wallet was introduced to a global community of crypto holders, traders, and sellers estimated to be 1 billion in 2022.

The client's entry into the cryptocurrency market has had a significant impact. Still, the introduction of the crypto wallet has opened its doors to a new customer base – crypto wallet owners.



CASE STUDY

The client benefited from the accessibility of a wallet to crypto wallet users that counted 81 million in 2022, contactless payments that are 63% faster than cash payments and 53% faster than payments using a [traditional card](#). This all-in-one crypto wallet app centralizes multiple crypto apps making it more effective.

As a cryptocurrency wallet development company that offers a wide array of best-in-class cryptocurrency wallet development services for processing the virtual exchange, we have delivered customizable cryptocurrency wallet development services with top-notch security features and a user-friendly interface to enhance the client's crypto business model.

Using innovative and advanced cryptocurrency wallet development techniques, our blockchain developers have created a reliable and powerful wallet for users to store their private transaction keys and process their transactions securely. This wallet app has an advanced payment integration solution that provides flawless transaction facilities.

The Impact



“The Evolt crew deserves praise for realizing this project. Despite the fact that this was a very difficult assignment, Evolt took it on and broke it into manageable pieces. With their expertise and insights, they have done an incredible job of taking on new responsibilities and stepping up to the new role. I want to sincerely express my appreciation for cooperating closely with us throughout the process and for managing to finish on time and within budget. I highly recommend their service!”

Dejan Roljić
Founder and CEO

Evolt d.o.o.

Evolt is a global technology-agonistic house delivering cutting-edge solutions, products, and transformations.

We provide support to our clients wherever they may be on their journey. From early-stage strategy and technology way-finding to digital product creation,

Let’s solve your pain points and evolve your projects!

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