



FINROOT

WHITE PAPER

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EXECUTIVE SUMMARY

Money is indeed one of the greatest inventions of humankind. Its fundamental impact can be seen in every possible sector, including agriculture, manufacturing, services, etc.

During 6000-9000 BC, crops and cattle were considered the perfect medium of exchange. But, with time, a human civilization evolved, production increased, and there was a dire need for a better form of money. A couple of millennia ago, the Greek philosopher Aristotle gave a realistic explanation of money. He explained "good money boasts of an intrinsic value, where the worth of the tender is independent of external factors and is contained within itself."

Accordingly began the gradual transaction of money from clamshells and clay tokens to metal coins and paper notes. However, as time passed, Aristotle's vision dissipated as governments moved from asset-backed currencies to fiat currencies. Fiat currencies are not backed by any commodity or tangible goods and instead rely on the guarantees of governments or central authorities. One of the major issues of modern fiat currency is the ability to print money unchecked which in turn causes inflation and decreases its value. Moreover, it did not promise the currency holder any intrinsic value and was easily susceptible to market risks.

Then in the 2000s, cryptocurrency emerged, and the world came to know about Bitcoin - the world's first cryptocurrency. It offers many benefits, but its inability to offer cryptocurrency for real-world transactions. Even if people hold cryptos, they do not have enough money to spend. Thus, Finroot can be viewed as a solution to this burgeoning problem. It will offer a smart card through which you can transact your BTC in the form of money easily. An entire ecosystem that focuses on offering stable and safe financial services via cryptocurrency and blockchain technology.

INTRODUCTION

Finroot is a global fintech project developing a smart blockchain-powered ecosystem to manage all your digital asset needs. Finroot optimizes payments and allows you to use crypto assets for everyday purchases. By doing this, it provides great solutions to real-world financial problems through a unique blockchain-based ecosystem. Finroot is here to enable users to enjoy the benefits of crypto assets to the fullest.

Crypto-assets have expanded exponentially since their inception in 2009, with the total crypto-assets market capitalization crossing \$2.5 trillion in 2021 at its peak. The popularity of crypto-assets is spreading faster than ever, given its propensity to deliver incredibly high returns on investment. Their regular coverage by media outlets has helped in increasing awareness and making it mainstream. This has led to more debates and speculations on the assets and resulted in sky-high trading volumes.

THE FINFOOT ECOSYSTEM

consists of four major products:

Finroot wallet:

Send, Receive & store crypto assets in a secure decentralized manner. The Finfoot wallet arrives with several integrations to enhance productivity and convenience.

Finroot exchange

Eliminate the middlemen from the transaction and control your privacy. The Finfoot P2P exchange allows you to exchange cryptos directly with the counterparty.

Finroot app

Finroot is designed for daily use for offering crypto banking services like lending, borrowing, and staking.

Finroot Smart Card

Simplify the way you pay! The Finfoot smart card is a novel solution that enables you to discover your crypto assets' full potential. It allows you to transact your BTC via ATM machines.

To develop this ecosystem, Finroot will launch an ICO. Finroot is proud to present the unique Finroot utility token, which is built using the..... standard and is powered by the most popular blockchain platform,.....

This way, participants can leverage our unique smart ecosystem and four stellar products to use cryptocurrency for their everyday transactions. Thus, making the Finroot token a valuable asset that possesses high utility and demand in the market.

MISSION- (suggestion)

We plan to provide a one-stop payments and assets management platform that is highly secure, reliable, and flexible. It offers individuals multiple use cases allowing them to spend crypto-assets in different forms and at various avenues. For us, a key area of interest is to empower the public to use crypto-assets as mainstream financial instruments and provide potential users with an easy-to-understand method of making transactions using blockchain technology.

VISION- (suggestion)

Finroot aims to develop and launch a holistic ecosystem that consists of a Wallet, Cryptocurrency Exchange, Finroot App, and Smart Card. The combination of these products will help bridge the gap between the cryptosphere and the real world. It achieves this by enabling users to utilize their crypto-assets to settle day-to-day transactions using their mobile devices. This convenience will also help in making cryptocurrencies go mainstream faster.

ROADBLOCKS THAT EXIST IN THE CRYPTOSPHERE

- Lack of integrated platforms that allow users to use crypto-assets flexibly as a mainstream financial instrument.
- Many crypto-assets were released as a peer-to-peer electronic cash system, but they did not enjoy much success as they are simply exchangeable assets.
- Initially, crypto-assets picked up widespread implementation as it was mainly treated as an investment vehicle. However, once the investment saturation point hit, the need for adoption rose along with the requirement of third-party applications that enabled users to spend and manage their crypto assets.
- Most users, even those belonging to the new, tech-savvy generation, are interested in this technology, but they have no idea how to buy and use crypto-assets.
- Everyone is worried about the security of the system they are using.
- There is an absence of an easy, secure, flexible, convenient, and multipurpose payment ecosystem for crypto-assets.
- Not a convenient way to spend cryptos in real-world transactions.

SOLUTIONS OFFERED BY FINROOT

- A decentralized way of selling, buying, and spending cryptocurrencies.
- Bitcoins can be transacted from anywhere in the world through ATMs via a smart card provided by Finroot.
- A scalable ecosystem that can be used by non-technical persons.
- A secure, convenient, and flexible ecosystem.
- An ecosystem that bridges the gap between real-world transactions and cryptocurrencies.
- An ecosystem that never lets you get out of cash.
- An ecosystem that offers the next-level financial revolution

COMPLETE INSIGHT OF FINROOT ECOSYSTEM

This ecosystem is designed to bridge the disconnect existing between fiat and crypto-assets with the mindset of making the lives of users easy. Crypto assets provide great solutions to real-world financial problems. Very little has been done to help implement this technology in the mainstream. Finroot is here to enable users to enjoy the benefits of crypto assets.

The Finroot ecosystem consists of the following mentioned products:

- Finroot wallet
- Finroot exchange
- Finroot app
- Finroot smart card

The entire Finroot platform enables users to send, receive, and securely store digital assets. The users retain complete control over their crypto-assets, and Finroot employs a variety of trusted software and API integrations to enhance the platform functionalities and user experience. When compared to traditional financial services, Finroot uses blockchain to store user funds in a decentralized and encrypted format.

Finroot wallet

Crypto-assets offer the ability to execute truly global transactions and promise a promising future. At Finroot, we strive to implement the usage of crypto-assets internationally and be the main driving force behind a superior and robust financial system. Our objective is to replace

traditional debit and credit card transactions with our dedicated mobile application, which will allow users to function as their own crypto assets bank. Substituting our low-cost, high-speed crypto assets technology for traditional banking allows us to tap into the mobile money market. We take security very seriously. Therefore our platform's security features and ease-of-use will allow us to move into high-end retail and more regulated markets.

Features of wallet

- Buy crypto with your card directly from the wallet
- Fast transactions
- Multi-coin and multi-asset
- Cross-platform Compatibility
- QR Code Scanner
- Easy Portfolio Management
- AML/KYC Integration
- Atomic Swap
- Send crypto and stable coins to your friends and family
- Exchange crypto-to-crypto by the market price
- Request money and send invoices to your customers
- Earn with us! A lucrative referral system for you and your friends
- Business account and merchants, online services and apps

- Multi-platform solution with mobile apps and messengers' bots
- High-level cybersecurity
- 2-factor authentications
- Private keys on your side

Finroot P2P exchange

Finroot P2P exchange is a decentralized exchange that is maintained and operated exclusively on a blockchain-powered platform. This will allow users to transact without involving intermediaries on exchange platforms, giving users complete freedom to use crypto-assets where bank-based crypto-asset transactions are restricted. In the Finroot P2P exchange, orders are directly matched when a buyer finds the preferred seller without a middleman's involvement. This trading method is exceptionally secure, time-saving, cost-effective, and risk-free.

Benefits we offer:

- Easy-to-use
- Cost-effective
- Reduced Risk
- Secure channel
- Worldwide transaction provision

P2P Exchange Features

- Powerful Matching Engine
- Multi-layer Security
- Instant KYC and AML Verification
- Escrow System
- Atomic Swap
- Dispute Management
- Preferred Trader Selection
- Admin Panel
- Multi-language Support
- Instant crypto loans facility

A peer-to-peer transaction consists of two parties having data related to each other. Instead of using an order book to pair buy and sell orders and controlling the traders' funds on the trading platform, the P2P crypto exchange model enables the market participants to trade directly with each other. There is also no need for a third-party intermediary to verify their transaction or hold funds in escrow.

FINROOT APP

Finroot app monitors cryptocurrency price changes in customer's portfolios as well as conveniently sending crypto information via email address. This way, you can easily avail yourself of all the banking services easily through the Finroot app. This app can be easily downloaded and enjoyed by iOS and android users.

Its features are:

- Easy to use
- No KYC/AML
- Anonymity
- Security
- Attractive UI/UX design
- Instant credit
- Discounts

FINROOT SMART CARD

Finroot Smartcard is a unique service that provides both physical as well as virtual cards. These can be used to secure online and offline purchases. Linked to the Finroot Wallet, the user can utilize their existing funds when using the card. The card does not charge any monthly or annual fees. Through the card, users can spend their tokens for online and offline transactions. Additionally, they can use their tokens at Point-of-Sale terminals to merchants worldwide.

If you are from a country that does not support crypto debit cards, you are in luck with the Finroot prepaid debit card. Using the Finroot Smartcard, you can purchase products online and offline. You can also withdraw funds from ATMs around the globe using the Finroot Smartcard.

Features of the Smart Card

- Provision for freezing and unfreezing the card in case of theft or any other mishandling.
- A user can easily create virtual cards for online shopping
- Get cashback and discounts on every purchase
- Get the chance to complete the transaction in cryptocurrencies
- Liberty to change the PIN/ password of your card anytime, anywhere around the world through ATMs.

CUTTING-EDGE SECURITY RING FENCING AROUND FINROOT ECOSYSTEM

Finroot aims to stay on top of the security changes in the ever-evolving cryptosphere. Initially, the following security protocols will be implemented by Finroot to guarantee a secure and safe experience to all our users:

Cold Storage

A reliable network of cold wallets to store user funds securely will be employed by Finroot. Cold wallets are highly secure methods of storing crypto-assets as they generate private keys offline.

Multi-Sign

Multi-Signature implementation, is a crypto wallet protocol requiring several private keys to complete transactions. The complex process eliminates the chances of a single point of failure as it records private keys on multiple devices. It can be understood as a two-factor authentication module for crypto-wallets.

2FA authentication

This is a software-based authentication method that issues a token to complete the two-step verification process. The One-Time Password (OTP) is generated, and it should be submitted before the time limit expires.

ROADMAP

Finroot tokenomics

Team details