# BNHP

# BNHP White Paper V1

# Intro

BNHP as a Web3 startup team, is committed to driving the next generation Web3 industry through innovation.

BNHP is building a APP with social media and self-custody wallet. It breaks the barrier between Web2 social platforms and Web3 financial tools. Through five navigation architectures: Social Square+Web3 Exploration+DEX (Decentralized Transactions)+Communication+Assets(self-custody wallet), we provide a super application for global users.

In the application, users can not only share anything like on their Moments/Weibo/Twitter, but also learn and experience the Web3 、 DeFi、 Exchange tokens, engage in professional trading, and enjoy a social communication experience at the same time. The most crucial aspect is that a secure private key free wallet utilizes MPC/AA technology to ensure that personal assets truly belong to the user.

With your help，**BNHP** will establish a world-class Web3 native social + financial infrastructure that serves as a super gateway for traditional users worldwide.

# Problems & Solutions

BNHP believes that there is a massive "gap" between current internet social platforms and blockchain finance. To advance user asset sovereignty, we categorize these challenges into two dimensions: **Web2 onboarding pain points** for the masses, and **Web3 experience pain points** for advanced users.

## Mass Adoption: Web2 Users - Cognition

For the vast majority of users who have not yet been exposed to blockchain, Web3 is like a wilderness filled with technical jargon, with the following core pain points:

- **Ownership Illusion：**
  - Pain point: Users are accustomed to the balances in "centralized institutional platforms". In reality, aside from the numbers in bank

accounts that can be anchored to cash, other platforms merely represent numbers on the ledgers of centralized institutions. Users lack true "sovereignty", and their assets are constantly threatened with being frozen, capped, or reset to zero due to platform risks.

- **Social Stagnation：**

  o Pain points: Traditional communication software (such as WeChat) operates within a closed and saturated market for acquaintance social networking. Most of the contacts in your address book are from the "past" (old classmates, former colleagues), people you recently encountered in real life, or "purposeful" relationships (sales pitches, business). It is difficult to achieve truly effective social networking growth. At the same time, social data is monopolized by platforms, and users not only face the risks of being monitored, having no privacy, being censored, and having their accounts suspended at any time, but also cannot expand their social influence or benefit from it.

- **The Onboarding Barrier：**

  o Pain point: "Not your key, not your coins" originated from the Bitcoin white paper, summarizing the core principle of cryptocurrency ownership. Traditional wallets require users to back up 12/24 illogical words, and once lost, copied incorrectly, or leaked, the assets are permanently lost. This pressure of "one mistake, all losses" deters 90% of ordinary users.

- **The Gas Fee Wall：**

  o Pain points: In the "centralized institutional platform", the digital asset is essentially an entry in the database, and "asset changes" are essentially modifications to the database entries. However, the logic of "transferring requires purchasing gas first" in blockchain is extremely counterintuitive. Yet, the gas fee serves as proof of user asset sovereignty. Users often find themselves unable to perform any operations due to the absence of gas fee (ETH or BNB) in their accounts. This cumbersome interaction process is the biggest obstacle to breaking out of the existing circle.

## Pro-Level: Efficiency and Security

For users who are already involved, although they possess asset sovereignty, the interaction experience is complex and fragmented:

- **Switching between socializing and trading：**

- o Pain points: The current process is as follows: discovering signals or CA on X/Twitter -> discussing on Telegram -> checking market conditions on third-party tools -> switching to wallet for trading. Frequent app switching is not only inefficient but also highly susceptible to encountering malicious links during the process.

- **Information Overload：**

  - o Pain points: The explosion of information on the blockchain requires users to manually detect contract vulnerabilities, track whale movements, and analyze token transaction taxes. There is a lack of an integrated, AI-driven real-time analysis engine to assist in decision-making.

- **Security Vulnerability：**

  - o Pain point: Even experienced users face the risk of having their mnemonic phrase stolen or their assets instantly reduced to zero due to clicking on malicious approval prompts. The traditional single-point backup model is no longer capable of dealing with complex social engineering attacks.

- **Liquidity Fragmentation：**

  - o Pain points: There are significant price differences between different protocols. Users need to manually compare which DEX offers the best price, and there is a lack of professional-grade candlestick charts, limit orders, and blockchain scanning and tracking tools on mobile devices.

- **Balance between Decentralized Privacy and Trust：**

  - o Pain points: Software wallet transfers are merely tools. Users are unable to communicate while transferring funds, nor can they directly initiate financial interactions with legal/contractual validity in social scenarios.

## The BNHP Solutions

Addressing the aforementioned pain points, BNHP promotes user asset sovereignty and, through its five major navigation sections, achieves a seamless integration of Web2 experience with Web3's sovereign core:

| Dimensional Solution | Minimalism and Empowerment | Safety, efficiency, and professionalism |
| --- | --- | --- |
| Account System | Social login: No mnemonic phrase required, log in via account and | Self-custody +MPC （multi-party computation） technology： |

| Dimensional Solution | Minimalism and Empowerment | Safety, efficiency, and professionalism |
|---|---|---|
| | password/Google/Apple. | along with distributed key management, completely eliminate single point failure. |
| Interaction Logic | Social transfer: Transfer money through your contact list, just like sending messages. | Smart account: Supports Gas fee payment on behalf, with pre-deposited platform tokens/stable coins used to pay the fee. |
| Safety Protection | Built-in browser: Strictly select mainstream Dapps and automatically block malicious DApps. | AI scanning engine: AI-powered automatic narration, real-time detection of contract risks, transaction taxes, and whale dynamics. |
| Social Value | Square: Data recommendation algorithm, breaking social isolation, connecting with global users. | Financial social exchange: The posts on the square contain the corresponding Token directly linked by CA, which can be viewed with one click. |
| Trading Depth | Minimalist Exchange: Hide complex parameters and complete asset swaps with one click. | Professional DEX aggregator: Optimal routing across the entire network, professional K-line and full-chain tracking. |

# App Overview

## The Abstract

The APP developed by the BNHP team is not just a tool; it serves as a digital operating system for users to enter the Web3 world. We adopt the logic of "social-driven finance" to deeply integrate complex on-chain interactions into high-frequency social scenarios, driving the entire industry forward. By introducing non-custodial wallets - keyless technology, BNHP achieves "Web2 experience, Web3 foundation", allowing ordinary users to truly master their identity and asset sovereignty in a seamless manner.

## Core Features

BNHP has constructed a complete decentralized social and trading ecosystem through five core navigation modules.

## Home-social square

The Social Square serves as the traffic engine for BNHP, breaking the closed nature of Web2 social networking and enabling the free flow of information and value.

- Recommended: Based on personalized big data and AI recommendation algorithms, it pushes preferred tweets, popular tweets, and potentially high-quality projects.
- Following: Synchronize the latest updates of the followed content in real-time, ensuring users do not miss any valuable information within their social circles.
- All: An open global information flow where users can observe ongoing discussions across the entire network in real time and capture the latest trends.
- Search: Powerful comprehensive search function, supporting quick location of tweets, users, or trending topics through keywords and hashtags.

!: Only user accounts holding at least one platform token will have their tweets pushed to the "All" channel. This effectively ensures the authenticity of users, avoiding common issues found on traditional social platforms such as automated accounts, spam advertisements, and low-quality harassing messages, while also empowering the platform token.

## Web3-Exploration/Discover

- Comprehensive Search: Supports one-click retrieval of Token contracts, wallet addresses, and DApp protocols.
- Signals: By monitoring/tracking smart money, changes in liquidity, KOL/social media buzz, and whale movements, the signal engine provides real-time updates on popular trading trends.
- Address tracking: Monitor on-chain addresses. When there is activity on an on-chain address, the system will push notifications in seconds, facilitating user tracking and order tracking.
- Scanning: An automated contract auditing tool. It provides real-time detection and analysis of token swaps for new coins, upcoming migrations, and migrated tokens, transaction taxes, pool lock-up status, contract analysis, and identifies potential risk items and cautions.
- DApp selection and browser: Select mainstream DeFi/Dapps rigorously. Equipped with a high-performance Web3 browser, it provides users with a DApp access environment. Automatically alerts and blocks malicious DApps.

## DEX (Exchange) - A full-scenario on-chain financial engine

The DEX platform integrates liquidity from across the entire network, meeting all trading needs from beginners to professional traders.

- Meme mode: Designed specifically for Meme Coin players. Minimalist interface, extremely high refresh rate, automatic anti-MEV (anti-market execution violation) protection, and quick slippage settings.
- Minimalist Mode (Swap): Targeted at Web2 migration users, it hides complex parameters and automatically matches the optimal routing across the entire network (Aggregator) to achieve one-click asset swap.
- Professional trading mode: Provides complete real-time candlestick charts, depth charts, limit orders, and order book functions, supporting advanced technical indicator analysis.
- Cross-chain Bridge: It integrates with mainstream cross-chain paths natively, enabling seamless and secure cross-chain transfers of assets between any public chains.

## Message

- Message: Standard instant messaging software infrastructure. Reliable sending and receiving: Supports text, images, voice, and emojis. Basic group chat. Will integrate end-to-end encrypted communication technology in the future.
- Address Book: Dual-track system added. Users no longer need to copy complex long addresses; they can directly click on the list to view profiles, private key wallet addresses, and initiate chats or transfers.
- Notice: All social notifications (such as mentions in tweets, comments on tweets, likes on tweets, contact requests, private message requests from strangers, etc.) allow users to keep track of their personal social account activity in real time.
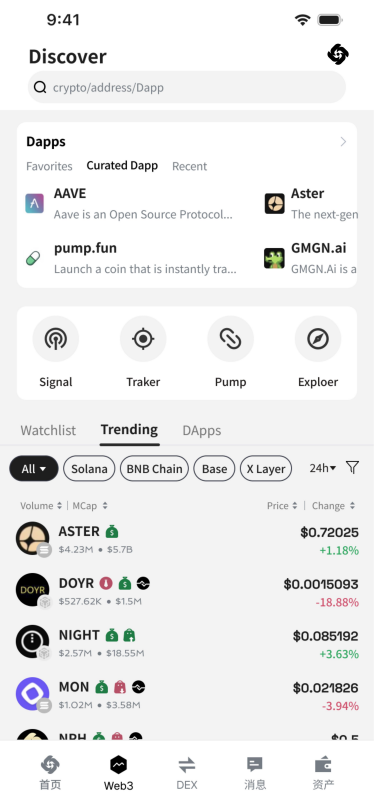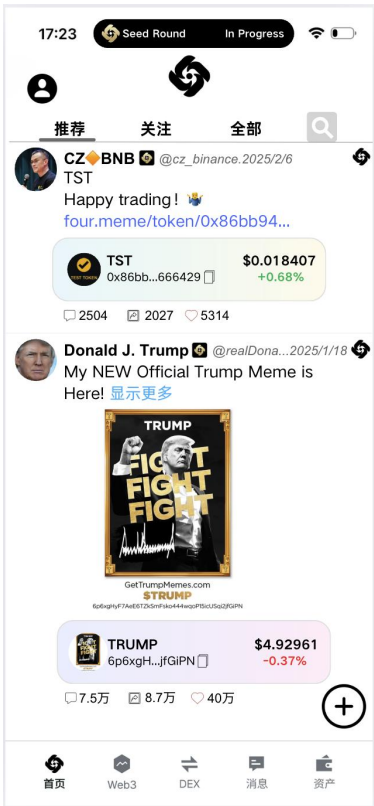
## Assets-MPC keyless Wallet

The wallet serves as the fundamental cornerstone for all functionalities, thoroughly addressing the challenges of private key management.

- Keyless Wallet (Self-Custody): Based on Account Abstraction (AA)/MPC technology, users do not need to manage a 12-digit mnemonic phrase. It supports one-click creation/login of non-custodial private key wallets through registered accounts, social accounts (Google/Apple/X), or email.
- Standard functions: sending, receiving, transaction records, authorization records, scanning, batch transfer, total asset overview, asset distribution, token list, etc.
- Pre-deposited Gas: Supports the use of platform tokens and stable coins (such as USDT) for pre-depositing to pay for each interaction fee, achieving a completely seamless interaction experience.

# UI Preview



IOS Home Page
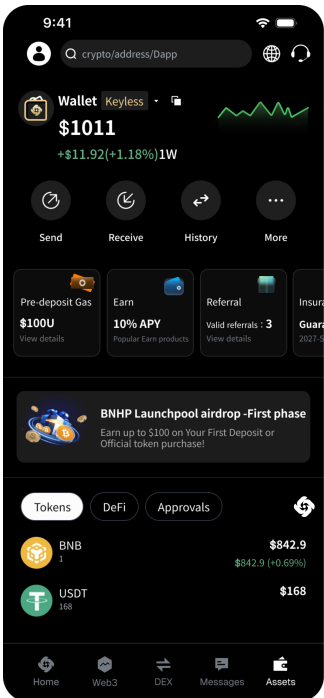


Web3-DIscover



Assets-Keyless Wallet

# Feature Rollout

BNHP will adopt the principle of "launch first, iterate later", while the self-custody wallet involving asset security adheres to the principle of "Security first, then launch".

# Device Coverage

- Mobile iOS in App store
- Android mobile: Google Play/Android APK
- Browser plugin (Chrome/Edge)

# Multilingual Support

We will provide support interfaces in over 10 languages, including English and Chinese, for all users. (The initial release will only offer Simplified Chinese and English versions.) More languages will be added as time goes by.

# Revenue Model

The revenue of BNHP will come from the following sources：

| Sources | Description |
| --- | --- |
| Subscription service | Users can obtain an identity identifier by paying, reduce advertisements, edit long videos/tweets, and earn a share of the revenue from their creations |
| Square ad | Information flow advertising; search advertising; trending topic promotion; pre-roll video advertising, etc |
| DApp Onboarding Service | The listing fee charged for providing traffic position recommendation and security endorsement services to carefully selected DApps |
| Transaction fee | In the DEX sector, a very low proportion of service fees and gas fee payment handling fees are charged through transaction routing. |
| Empowerment project expenses | Providing exposure or functional component rentals (such as airdrops, task distribution tools) for B-end clients (such as DAOs or project parties) |
| DeFi dividends | The app integrates a coin-earning service. Users can deposit their assets into various Defi protocols or the app's own products to earn profits. As the entry point and custodian, a portion of the |

| Sources | Description |
|---|---|
| | service fee will be extracted from the protocol rewards. |
| Other | Other potential income |

# Token Economics

## Introduction

After the successful public beta testing of the APP product, the token will be officially issued through a TGE (Token Generation Event). The name is yet to be determined. The total issuance amount is 200 million tokens, which will never be increased. The token will run natively on the BNB Chain blockchain.

## Funding structure & Token distribution

Total issuance：200,000,000

This round of financing (seed round) will adopt the SAFT (Simple Agreement for Future Tokens) format.

| category assignment | proportion | quantity | Lock-up and vesting plan |
|---|---|---|---|
| Seed Round | 10% | 20,000,000 | The seed round will adopt the SAFT (Simple Agreement for Future Tokens) format, with tokens being distributed after the app goes live |
| ICO | 40% | 80,000,000 | Used for market pricing and initial liquidity. |
| Ecology | 10% | 20,000,000 | With the launch of the App, it will be released in stages for user growth, rewarding postings, content creation, and more. |
| Founding team | 40% | 80,000,000 | 80% long-term locked |

## Seed Round

- **Financing objective**：$10,000,000 USD
- **Financing forms**：SAFT (Simple Agreement for Future Tokens)
- **Supported assets**： ETH, BNB, USDT, USDC, and mainstream fiat currency channels.
- Token quantity：20,000,000
- Token price: The price for the seed round is set at $0.5 per token.

- Participation Method：

EVM-compatible chain： 0x56e40dad2f188653ddffef71cf75029b35f934de

Contact email for legal currency channel： bnhpteam@gmail.com

# Time plan

2026 Q1-Q2 The seed round will last for half a year (with a soft cap already set) or until the financing goal is achieved.

2026 Q3 After the MVP is launched, tokens will be created and distributed to seed round investors.

2026 Q4 Obtain a MAS license to conduct an ICO in compliance, and simultaneously list the token or build an initial liquidity pool.

2026 Q4-2027Q1 Improve all the functions mentioned in the white paper and expand globally.

# Core utility of token

## Token Usage

The core design of the token lies in the deflationary model and achieving a situation where "demand exceeds supply"：

- Social Pass: Users must hold at least 1 token in a non-custodial wallet for their tweets to appear in the "All" channel of the square.
- Transaction fee discount: Holding tokens in the DEX module can reduce or waive transaction fees.
- Project party airdrop: Short-term staking of tokens can earn rewards from the project party.
- Other uses: Other potential uses.

## Deflation model

Every quarter, we will use 20% of our profits to repurchase tokens and destroy them until we have repurchased 50% of all tokens (100 million tokens). All repurchase transactions will be announced on the blockchain. We will ultimately destroy 100 million tokens, leaving 100 million tokens remaining.

## Team Unlock Plan

**Initial release: 20% (16MM) After 1 year: 20% (16MM) After 2 year: 20% (16MM) After 3 year: 20% (16MM) After 4 year: 20% (16MM)**

# Use of funds

- Technical R&D (50%): Square recommendation algorithm, keyless wallet security, end-to-end encrypted communication, AI integration, etc.
- Security Audit (10%): Set aside for CertiK and other audit institutions to conduct multiple rounds of full-code audits on private key wallets and apps.
- Compliance and Licensing (10%): We have established a Singapore company entity and plan to apply for a MAS license for ICO as well as other necessary licenses to address future compliance developments.
- Marketing and Growth (25%): Funds allocated for user growth, initial signing incentives, community airdrop plans, and global roadshows.
- Daily operations (5%): basic team expenses, cloud server resources, and emergency reserves.

# Team

### Founder：Niel

Niel is a serial entrepreneur who combines traditional financial logic with the geek spirit of Web3. Born in 1999, he possesses a multinational educational background and conducted in-depth research on Bitcoin and decentralized financial systems during his studies in Singapore. His abilities can be summarized as follows: cross-disciplinary cognition and macro perspective, keen market insight, innovation, and execution.

X/Twitter:@niel_bnhp

### "BNHP 15"Team Plan

Currently, BNHP is driven by its founders, but we have already established a clear talent plan and identified suitable candidates. Within 30 days after the completion of the seed round of financing, we will officially form the "BNHP 15-Person Core Team", aiming to cover 100% of technical development, global operations, and compliance governance.

| department | size | Core Duties |
|---|---|---|
| Technology R&D | 8 | 1 CTO; 3 full-stack developers responsible for multi-terminal interaction; 2 smart contract experts to build the MPC security layer; 2 AI algorithm engineers to optimize the social recommendation model. |
| Global operations | 4 | Led by experienced community leaders, responsible for establishing a KOL matrix, managing global multilingual communities, and achieving viral growth of content. |
| Comprehensive Function | 3 | Introduce CFO, legal compliance, and administrative experts to ensure the stable operation of the project within the global legal framework and complete capital management. |

# Risks

Operating social communication + non-custodial wallets involves many risks, especially the "promotion of user asset sovereignty" which will encounter many difficulties. We understand this and have plans and compliance solutions to overcome these difficulties.

## "Security first, then launch"

There are numerous wallet apps available in the market, most of which utilize a mnemonic phrase generation mechanism. However, users are unable to assess their security, often resulting in three major potential security risks：

- Single point of failure for private key: The mnemonic phrase serves as the private key. Once the user's device is monitored by a keylogger, screenshots are taken from the cloud, or physically lost, the assets will face irreversible destruction.
- Lack of transparency: Ordinary users cannot independently verify whether there are backdoors in the wallet app's code, nor can they determine whether the current operating environment (mobile phone/PC) has been infiltrated by malicious firmware.
- Malicious contract trap: Hackers disguise themselves through complex smart contract approvals, enticing users to sign, thereby emptying their wallets without requiring a mnemonic phrase.

BNHP does not require users to become security experts or technical experts. Our mission is to encapsulate industrial-grade security technology and multi-audited apps into a minimalist interactive interface, making "not being stolen" a native right for every user. Our security framework strictly references and follows the highest industry standards, including CCSS (Cryptocurrency Security Standards), NIST SP 800-57, ISO/IEC 27001, and more.

# Conclusion

We are well aware that this will be a highly competitive field. There may be hundreds or even thousands of teams that want, plan, or are currently attempting to transform the Web3 industry. The competition will be fierce. However, in today's era, this is a common risk that any decent concept, startup, or established company must face.

However, the real question is: do you believe that Web3 requires innovation and a new generation?

We firmly believe that the future of Web3 should not be pieced together using the logic of the old world, but rather rebuilt by fearless young people with an innovative mindset. BNHP is not just a tool; it's about effective social interaction and user asset sovereignty. If you believe in innovation and the power of the new generation, join us in our seed round.

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EVM-compatible chain： 0x56e40dad2f188653ddffef71cf75029b35f934de

Contact email： bnhpteam@gmail.com