



NUTU

NUTU WHITE PAPER

**Community driven Autonomous Web3
MEME ecosystem**



A community driven autonomous Web3 MEME ecosystem



Summary

With the in-depth development of the digital era, we have witnessed the innovation of technology and application scenarios, which has not only changed people's way of life and thinking, but also created new cultural forms and communication modes. Under this diversified background, a special popular culture-"MEME" (MEME culture) came into being. It is characterized by derivative, resonance and viral transmission, and has gradually become an indispensable part of people's daily life.

At first, MEME was just an April Fool's Day joke or a stubborn subculture manifestation on the Internet. However, with the passage of time, the integration of MEME culture and the world of encrypted currency has given birth to a new type of encrypted asset. The emergence of this asset is not only a cultural phenomenon, but also an embodiment of the diversity and innovation ability of the encrypted market. MEME evolved from the initial network stem to an encrypted currency with a market value of over 100 million, showing us the unlimited potential and possibility of the encryption market.

As a representative project of MEME, NUTU has excellent visual attraction with the image of "NUTU IP."

NUTU is a community-driven autonomous Web3 ecosystem based on Arbitrum blockchain, focusing on the spread of MEME culture and the construction of Web3 community. As an experimental project of 100% airdrop, all community members will benefit from airdrop due to their participation in organized activities and promotion.

NUTU is not only a decentralized social experiment, but also dedicated to bringing the power of decentralized and community-led "currency" to tens of millions of people around the world, with the goal of building the world's top five MEME currency market values.



1. Overview of Development Background

1.1 Development of MEME

Since the outbreak of DEFI, the encrypted money market has undergone tremendous changes and extensions. People have received a large number of airdrops in the DEFI market, and the data wealth they have earned makes people feel high. They begin to seek another stimulus to satisfy themselves, just as many people who have made money like to go to Las Vegas and Macao casinos. MEME has become the most concerned absurd market after DEFI. For example, they are rampant in the market today, converting every hot event into MEME tokens, flooding the entire encrypted money market. The Paris Olympic Games in July 26 this year may also be transformed into the hype object of MEME tokens and become a new big event casino.

1.1.1 start of encrypting MEME coins

In 2013, in order to laugh at the encrypted currency at that time, Dogecoin, the founder of DOGE, named Jackson Palmer through an online celebrity Japanese Firedog combined with Bitcoin, and took the photo of the online celebrity Firedog as the LOGO of the dog currency, which was widely exposed in social media. Therefore, DOGE became a popular encrypted currency. Dog coins after 2013 have always been used as tips tokens and sarcasm for rewards. Many encryption agencies will give DOGE as a gift to the participants when holding activities, including many operation demonstrations of encrypted wallets, through DOGE.

1.1.2 Rise of MEME

Until the emergence of Elon Musk, dog coins and community MEME coins began to rise, and earth-shaking changes have taken place since then. Elon Musk has had a huge impact on the contribution of dog currency. Dog currency has also become the MEME currency with the largest market value (the highest market value is 88 billion US dollars) due to the promotion of Elon Musk.

In 2021, Elon Musk frequently mentioned dog coins on Twitter (X). One of his tweets could often trigger strong reactions from the trading market, resulting in sharp fluctuations in the price of dog coins. For example, he once released various jokes, pictures and comments about dog coins,



which spread rapidly and attracted a lot of attention.

Elon Musk not only sent funny pictures of dogs on Twitter, but also talked about dog coins with community members on Twitter's Space for many times. His participation and support brought great confidence and encouragement to the community and further increased the influence and attraction of dog coins. Including public speeches in reality, they all expressed their positive views on dog coins. For example, in the American comedy program "Saturday Night Live" (SNL), Elon Musk's speech once again triggered the market's attention and discussion on dog coins and the surge of DOGE tokens. Later, Tesla's peripheral products also supported DOGE payment.

SHIB(Shiba Inu), which is second only to DOGE, Elon Musk has also made an important contribution to publicity. On October 4th, 2021, Elon Musk sent a tweet saying, "I want to name my fire dog (Shiba Inu) floki (Floki Inu)". SHIB rose by 57% on the same day. Due to the Elon Musk of tweets, the encryption community launched Floki tokens, which rose by 1425% on the same day. SHIB's increase reached an all-time high in October 2021, becoming the password of becoming rich and the top of despair in many people's minds.

The Elon Musk, which pushed MEME more crazy, was ridiculed by the community as the Pope of MEME, and the MEME currency plate was like a rocket from then on.

1.1.3 Post-MEME era

Today, the size of MEME currency even surpasses that of L2 infrastructure. The current market value of MEME is 45.2 billion US dollars, which has become a force that cannot be ignored. The market value of L2 infrastructure is 19.7 billion US dollars, which is less than half of the total market value of MEME currency. Seeing L2 data makes people think.

In the past few years, the influence of MEME coins has been continuously expanding, and various hot events have emerged in the market. These currencies are usually highly volatile and speculative, but it is this characteristic that attracts countless investors to speculate. Now for many people, buying MEME coins is not only a way of investment, but also a pleasure of participating in the culture and community activities of Internet MEME (Internet "stem").

In addition, social media plays a crucial role in the spread of MEME coins. Through platforms



such as TikTok, Telegraph, Twitter, and Reddit, community members of MEME coins can quickly share information, push up currency prices, and even trigger short-term trading market craze.

1.2 About MEME

1.2.1 What is MEME Assets?

The word "MEME" comes from Dawkins's book "Selfish Genes", which refers to the basic unit of human culture. It can be a variety of forms of information, ideas or behaviors that are transmitted between people through imitation and dissemination. "MEME" aims to convey specific phenomena, themes or meanings and resonate in society. With the development of the Internet, the current "MEME" is not limited to traditional words or pictures, but also includes digital forms such as Token and NFT.

MEME currency is a digital cash , it was originally launched in 2016, aiming at creating a decentralized network environment and serving as an alternative form of traditional electronic currency. The market of MEME coins has become an active online trading platform, with a large number of users participating in trading every day. The characteristic of this kind of currency lies in its dissemination and culture, which often pass through social media and community and other social platforms spread rapidly, forming a popular trend. The design concept of MEME coins is different from the traditional encrypted currencies based on asset, ecology and technical consensus. Their popularity is more based on lovely or interesting symbolic images, which are usually used as the basis of tokens to spread consensus.

These "MEME" are spread in a fast, extensive and interesting way through social media and the Internet, and have become an important part of network culture and popular culture. They can express people's emotions, opinions, humor and sarcasm, and also reflect the current social trends and cultural phenomena.

The core concept and attraction of MEME assets come from MEME culture. MEME assets attract investors' attention by using humorous and entertaining MEME images, concepts or viewpoints. They are a social infrastructure that spreads rapidly in the industry through Community



promotion and viral transmission. MEME assets are unique in their community-driven, compared with institutional currency, it is distributed fairly. Community members participate in and promote the development of MEME assets. The success of MEME assets is closely related to the activity of the community.

Features of MEME coins

- 1) elements of popular culture: MEME coins draw lessons from elements of popular culture on the Internet, use these interesting images and stalks to attract users and promote the increase of currency value.
- 2) community-driven: the development of MEME currency depends on a large and active community, and users can participate in market operation, governance agreements and improvement projects together.
- 3) scarcity: the supply of MEME coins is relatively small, thus increasing its scarcity and increasing the market value.

1.2.2 MEME why are assets popular?

With the continuous development of the blockchain industry, it is no longer the initial stage several years ago. In the past few years, the industry has gradually evolved. In the past, investors may think that participating in multiple projects at the same time is unprofessional and unreliable, but now the situation is completely opposite. On the contrary, the newly launched projects are considered good because they can provide endorsement for investors with the help of the successful experience of previous projects. In this case, the new project can also benefit from the reputation of the previous project, so that everyone can have a deeper understanding of the relevant situation and form the so-called ecological effect.

In this environment, the blockchain industry has formed several giants with complicated relationships. The institutions emerging in the early stage have gradually grown into giants in the industry. The competition is fierce, and huge interest networks are involved behind each institution. In this industry, if you don't have a strong background and rich resources, no one will understand you, retail investors have limited understanding, and institutions are even more



difficult to trust you. Even if the same product is supported by well-known organizations such as Pradigm and BN, the market will pursue it even if the product quality is poor. After all, the back of the organization books mean abundant resource reserves and various relationships, and if your products cannot be compared with them, you will not be able to stand in the fierce market competition.

In this situation, MEME assets have successfully replaced counterfeit coins a few years ago and become an indispensable part of the whole industry from bottom to top. The rise of MEME assets is considered inevitable and closely related to the anti-VC movement of retail investors. The rise of BRC20 assets this year can be attributed to many factors. On the one hand, it benefits from the promotion of Bitcoin ecology; On the other hand, because the chips of these projects are relatively scattered, it realizes "fair distribution" and avoids monopoly profits of an institution. This makes the profits in the project flow more to the retail investors and stimulates the enthusiasm of the whole market, because investors can share the profits and produce wealth effect.

The importance of MEME:

Cultural resonance: they use the common language of MEME to make them have affinity and attraction.

Community construction: MEME coins cultivate a strong and passionate community built around common humor and interest.

Narration and symbol: they embody fascinating stories and ideas, attract the imagination of the public, and surpass the technical or financial utility.

Simplicity and accessibility: its direct nature makes them accessible to new users of encrypted currency, becoming an entrance to a wider encrypted world.

Leverage bet on the network: MEME coins can be like high-risk and high-return investments, which are usually regarded as leverage bet on the popularity and user adoption rate of its underlying network, reflecting how community support and network effects significantly affect its value.



Role in the encryption ecosystem: MEME coins add a social layer to the encryption industry, making it easier and easier to use the interesting way balances the complexity of technology and finance.

Symbolic power: they gather communities around symbols and ideas, promote social cohesion and collective action, and emphasize the importance of symbolism in encrypted currency.

MEME coins are not only a part of the encrypted currency market, they have become a global cultural trend, but also a crucial part of the encrypted currency pattern, reflecting the complexity of Internet culture and human interaction. By encapsulating the essence of Internet humor, the cohesion of symbols and the unified power of common beliefs, MEME coins reveal the profound influence of social dynamics in shaping the future of digital cash.

As we further build this parallel economy, let us not forget that the power and common narration of the community are as important as technological and financial innovation. Let's embrace these unique assets and recognize their role as pioneers of the new era of digital connectivity and cultural expression.

From the origin of DOGE's humor to the abstract art of BITCOIn, each MEME currency carries a unique story and cultural significance. Their existence not only challenges the rules of traditional financial markets, but also shows the great potential of group wisdom and community power in the Internet era. Although the MEME currency market is accompanied by high volatility and uncertainty, the deeper cultural phenomena and market dynamics they represent deserve our in-depth exploration and understanding.

In the future, MEME coins may continue to exist as a unique investment tool and cultural symbol, and their development track will be an important symbol of the diversification and cultural integration of the encrypted money market. For investors and market observers, understanding the culture and market dynamics behind MEME currency will be the key to grasp the trend of encrypted currency in the future.



2. NUTU

2.1 NUTU overview

2.1.1 About NUTU

NUTU is a fully community-driven autonomous Web3 ecosystem based on the Arbitrum blockchain, focusing on the spread of MEME culture and Web3 community building. As a 100% airdrop experimental project, all community members will benefit from the airdrop by participating in organized activities and promotions.

NUTU is not only a decentralized social experiment, but also committed to bringing the power of decentralized, community-led "currency" to tens of millions of people around the world, with the goal of creating the world's top five MEME coin market capitalization.

2.1.2 Core culture

Positioning: A completely community-driven autonomous Web3 MEME ecosystem

Track: Web3+DAO+MEME

Goal: Create the world's top five MEME coins by market value

Values: Equality, peace, transparency and freedom of speech

2.1.3 Elite team

NUTU has strong technical research and development strength, and its core team comes from the blockchain department of the world's top 500 enterprises.

NUTU has team members all over the world, including 19 countries: South Korea, the United States, India, the United Arab Emirates, Brazil and the Philippines. NUTU's members include Dogecoin geeks such as early-stage encryption venture capital fund members, Silicon Valley geeks organization, DAO Crypto community members, and Asia Pacific encryption community. It has rich and professional knowledge in block chain research and development and risk control.



2.2 Partners

Encrypted currency exchange:



Through and currency, Gate.io, the cooperation of many well-known encrypted currency exchanges, such as hotcoin, carried out NUTU token airdrop and promotion through launching airdrop activities and other ways.

Block Chain global tourism platform Curate:



NUTU will cooperate with the blockchain global tourism platform Curate. Users can use NUTU tokens to pay for air tickets, hotels and tourism products worldwide. This cooperation will be promoted through users of Gate.io exchange.

Centralized lending and financial platform BankSocial:



NUTU will cooperate with BankSocial. BankSocial is a decentralized lending and financial platform, which is completely built on the blockchain and provides NUTU holders with more sufficient liquidity lending services.

Binance Labs:



NUTU cooperates with Binance Labs to create a cosmos 3D NFT game, which attracts more users to participate in the NUTU ecosystem.



2.3 Cooperative media and institutions

Encrypted currency news website: CoinDesk



Encrypted currency Forum and community: Reddit (such as r/CryptoCurrency, r/bitcoin),
Telegram groups



Social media platform: twitter, Medium, LinkedIn, and Discord



Video platform and podcast: YouTube channels (such as DataDash, Ivan on Tech, and BitBoy
Crypto)

Podcast (such as The Pomp Podcast, Unchained, and Crypto Top Trading Signals)



Blockchain and encrypted currency analysis platform: messari, CoinGecko, and
CoinMarketCap



Blockchain activities and meetings: Consensus by CoinDesk, Blockchain Week, and Crypto
Expo

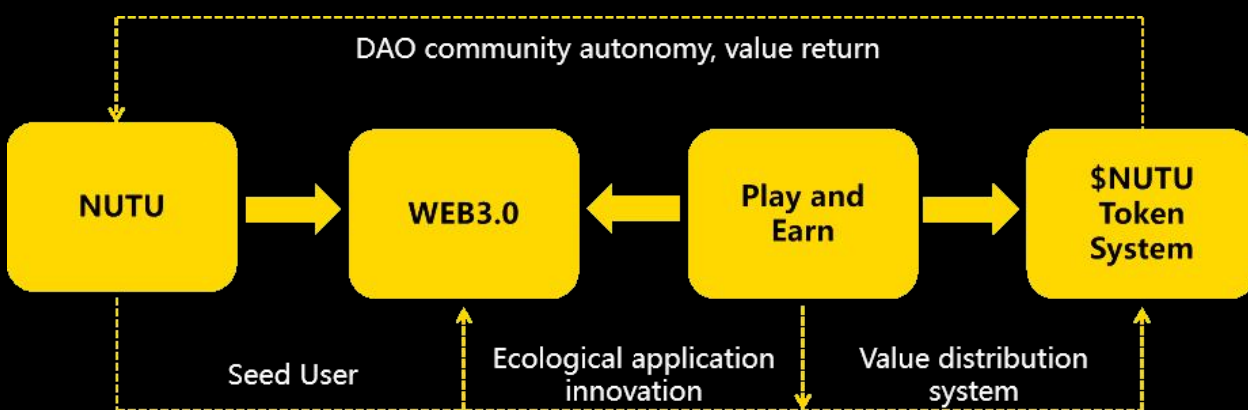




2.4 Value Cycle

Play and Earn is a profit-making way for NUTU to explore multi-ecology in the WEB3.0 era based on MEME community culture.

NUTU attracts and retains users through Yuan Yuzhou methods such as NUTU token airdrop and promotion, NUTU token and tourism combination, NUTU liquidity lending service, DeFi aggregator, Play and Earn 3D NFT game, etc., and expands the influence of NUTU. In the follow-up research and development of MEME + DAO autonomous public Chain (NUTU Chain) for exclusive community users, NUTU provides tens of millions of people around the world with the power of decentralized and community-led "currency, impact the market value of the world's top five MEME coins and create a NUTU-shaped MEME cultural legend.



2.5 How does the NUTU work?

NUTU uses a unique redistribution mechanism. Each transaction will set aside a certain proportion to reward existing token holders to encourage community participation and long-term holding. The system aims to cultivate community awareness and reward those who believe in the potential of coins.

In order to ensure its value and attractiveness, NUTU adopts the methods of airdrop and DAO governance, combines MEME community culture spread formed by diversified cartoon NUTU images to promote tokens, and maintains the scarcity and value of NUTU tokens through ecological applications such as entity application payment, liquidity lending service, DeFi ecological product incentive, Yuan Yuzhou 3D NFT games, etc.



2.6 Promotion mode

- Economics and drainage of tokens

Through the issuance of NUTU tokens, and cooperation with many exchanges to launch corresponding airdrop activities, community activities, ecological application of tokens, voting and governance, etc., users are encouraged to actively participate, obtain corresponding token incentives and dividends, attract users and form consensus and culture.

- Social Media Marketing

Regularly publish original content related to the platform to attract the attention of potential users. Put accurate advertisements on various social media platforms to promote target user groups and improve the conversion rate of advertising.

- KOL cooperation

Invite well-known KOL to broadcast live, interact with fans to show the functions and advantages of the platform, and attract more users to participate; Jointly launch specific activities and challenges with KOL, encourage users to participate and share, and increase the exposure and user participation of the platform.

- Community activities

Regular online and offline activities are held to encourage users to participate and obtain rewards to improve platform activity. Enhance user interaction and sense of community, and increase user loyalty and sense of belonging.

- User growth plan

If you invite friends to participate, you can get extra rewards, encourage users to promote the platform, increase the user base, and improve the platform user activity.

2.7 NUTU advantage

- Support from many organizations

NUTU has cooperated with many trading platforms, Curate blockchain tourism platform,



BankSocial decentralized lending platform, Binance Labs, numerous social media, blockchain and encrypted currency analysis platform, and has rich resource support.

- Social media and community interaction

NUTU platform mainly relies on social media platforms, such as Twitter, Reddit, and Telegram, to interact directly with users, share updates, hold activities, and respond to community feedback in a timely manner. This kind of interaction improves the popularity of the project, enhances the cohesion of the community and accelerates the dissemination of information.

- Viral marketing

NUTU adopts viral marketing. Through highly disseminated content, for example, NUTU skillfully utilizes the visual elements of NUTUs, it spreads rapidly on social media, promotes projects with low cost but high efficiency, and gets wide attention quickly. NUTU further enhances the effect of its viral marketing by holding community interactive activities, such as NUTU token airdrop, decentralized lending, 3D games, etc.

- Incentive mechanism

Incentive mechanism is one of the important strategies for NUTU promotion. NUTU encourages users to participate in activities at an early stage to obtain airdrops by means of issuing airdrops with exchange activities, so as to improve market activity and user stickiness and attract more attention and discussion.

- Unique concept and design

NUTU's design combines MEME culture and AI technology, and its unique visual elements and cultural implication make it stand out among many encrypted currencies.

- DAO community autonomy

NUTU through DAO community autonomy governance, NUTU token holders can vote and govern NUTU community ecology, and jointly create a fairer, fairer, democracy the free value circulation ecosystem drives the rapid development of MEME's economic era.

- Decentralized circulation model



Through perfect development route and future planning, NUTU is committed to becoming the world's leading model of decentralized circulation of MEME coins and Web3 community construction.

2.8 Security and compliance

- Intelligent contract audit

All smart contracts deployed on Arbitrum blockchains are subject to strict code audits to ensure their security and reliability. The audit process includes static analysis, dynamic analysis and formal verification to ensure the correct execution of contracts in various scenarios.

- Data encryption

Sensitive data of users will be encrypted using Advanced Encryption Standard (AES) during storage and transmission to ensure data confidentiality and integrity.

- Improve the reliability of results

NUTU's DAO governance will make every vote of voters truly and publicly recorded on the blockchain, without manual counting of votes to generate election results, which is timely and credible.

- Maximize resource utilization

NUTU uses DAO autonomous organizations to store all content in a decentralized storage network, which is open and transparent and cannot be tampered. Anyone can review the rule changes of the project and schedule resources in a timely manner without wasting time due to review.

- Achieve innovative development

People who NUTU DAO autonomous organizations can put forward their own opinions on the blockchain at any time and be seen by others. Users can participate in NUTU development more conveniently, timely and deeply to promote project innovation and development.



2.9 Impact of NUTU on finance

NUTU, with its lovely IP image of "NUTU", the viral culture spread of MEME, the community autonomy of DAO, and 100% airdrop characteristics, will rise strongly in the field of encrypted currency, and the distinctive cultural resonance will form a strong impact and reform on modern finance.

NUTU will draw inspiration from comics, animation videos and so on to form a vivid and interesting NFT, which will embody the physical products in the form of digital assets, not only enabling the vast number of players to obtain a good visual experience, but also tangible benefits through digital assets. NUTU will be rapidly popularized, highlighting a broader trend with the strong support of the community: the integration of popular culture and financial instruments. This kind of integration may reshape the investment strategy, attract a new generation of digital native investors, and redefine the true meaning of assets in the digital age.

2.10 NUTU development purpose and goal

NUTU conforms to the demand characteristics of diverse subjects and formats, and uses market-oriented means to explore more compliant and feasible multi-party cross-border cooperation modes of financial technology, to truly realize the complementary advantages and cooperative development effect of "1+1>2", to jointly meet the diversified and multi-level financial needs of multi-industry contact economic system, and to apply encryption technology to the field of technology incubation, which can bring more security to users, convenient and fair service and experience. NUTU will continuously study encryption technology in depth, actively explore application models and business models, and promote the development of MEME field to a higher level with innovative thinking and concepts.

With the continuous development of the encrypted currency market, people's acceptance of encrypted currency has gradually increased. The new digital currency represented by NUTU is facing new development opportunities. NUTU committed to bringing decentralized and community-led "currency" power to tens of millions of people around the world, the goal is to build the world's top five MEME currency market value.



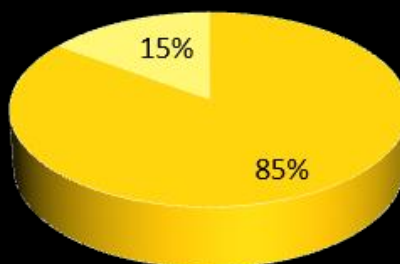
3. \$NUTU token

3.1 \$NUTU token

\$NUTU tokens are the core of the NUTU ecosystem and have strong deflation and value-added properties. Holders can obtain it in a variety of ways, including not limited to airdrop acquisition, secondary market purchase, Community promotion, liquidity lending, Yuan Yuzhou 3D NFT game acquisition, etc. In the early stage, it will be mainly in the form of airdrop DAO organization holders.

Total issue: 210 billion pieces

Airdrop: 85% DAO organization: 15%



3.2 NUTU token application

- Token AirDrop: NUTU will cooperate with the exchange to launch corresponding activities and conduct airdrop according to the trading volume of the users of the cooperative exchange.
- Travel platform payment certificate: NUTU will cooperate with the blockchain global travel platform Curate. Users can use NUTU tokens to pay for global air tickets, hotels and travel products.
- Lending service: cooperate with BankSocial to provide mortgage NUTU tokens for liquidity lending service.
- Yuan Yuzhou 3D NFT game tokens: participate in the yuan universe 3D NFT game through NUTU tokens and get game rewards and unique NFT.
- DeFi aggregator application: NUTU tokens can participate in various product applications of DeFi aggregator, and get multiple \$NUTU rewards by participating in DeFi products.
- MEME creation: NUTU tokens will become the common currency in NUTU MEME culture, which is used to motivate MEME creators, reward excellent works and promote the development of MEME culture.
- Community governance: NUTU token holders will participate in the governance decisions of the NUTU ecosystem, including voting for community committees, proposing issues and reviewing proposals.



4. Application ecology

4.1 Tourism ecological application

NUTU will cooperate with the block chain global tourism platform Curate to circulate and pay through NUTU tokens.

Curate is your unique professional Blockchain global tourism platform, which can provide tourism experience and create business opportunities in more than 20 countries, associate industry and business, organize and plan related projects, and provide professional consulting services for related destinations.

NUTU will cooperate with Curate. Users can use NUTU tokens to purchase air tickets from various countries and regions on the Curate platform, book hotels, book scenic spot tickets, and purchase global tourism-related products across borders. Pay directly through \$NUTU without complicated operations such as legal currency exchange and different APP operations in various countries. This cooperation will be promoted through users of Gate.io exchange.

4.2 Liquidity lending service

BankSocial is the first decentralized lending and financial platform protected by Ethereum blockchain in the world. It is a platform built entirely on the blockchain. BankSocial leads the development of global financial economy through the innovation of decentralized finance (DeFi) and distributed ledger technology (DLT), and is a trustworthy partner of credit cooperatives. BankSocial ecosystem provides comprehensive financial solutions for individuals and businesses. With innovative functions such as independently hosting encrypted currency exchanges, simplified user verification and asset-backed loans, BankSocial® To enable credit cooperatives to provide their members with tailor-made products and services to ensure that members can obtain excellent experience.

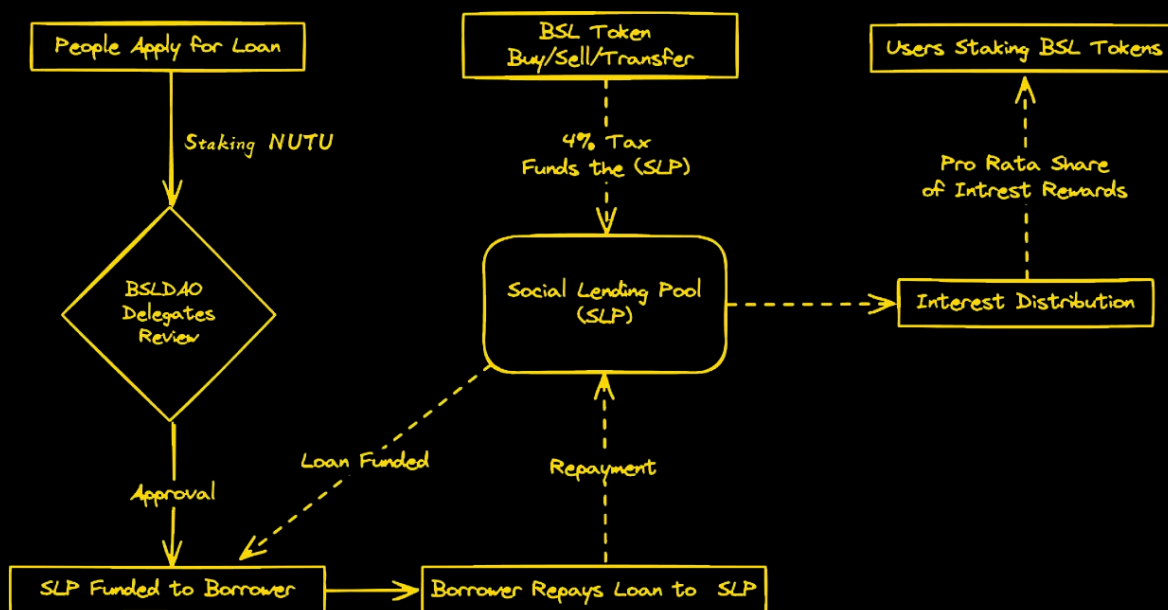
NUTU will cooperate with BankSocial. Users can mortgage NUTU tokens on the BankSocial platform to conduct point-to-point loan financing and obtain more abundant decentralized liquidity lending services. At the same time, users can also experience the loan and obtain



monetary payment from the loan interest paid by the borrower, which is proportional to the number of tokens they hold.

How do I work?

- Lender deposit: the lender deposits their encrypted currency into the liquidity pool of the lending platform. In return, they will receive interest-bearing tokens indicating their share in the pool.
- The borrower applies for a loan: then, the borrower can apply for a loan from the liquidity pool. They must provide collateral (usually another encrypted currency) whose value exceeds the loan amount to reduce the risk of non-return.
- Calculating interest rate: the interest rate is usually calculated according to the dynamic algorithm of supply and demand in the platform. If more funds are Lent, the interest rate will rise and vice versa.
- Repayment of loans and liquidation: the borrower needs to repay the loans and interest before the specified date. If the borrower fails to repay the loan or the value of the collateral is below a certain threshold, the smart contract can automatically clear the borrower's collateral to repay the lender.





Advantages of this liquidity lending service

- **Accessibility:** decentralized lending platforms are usually open to anyone, regardless of their geographical location or credit records. This enables those who fail to open bank accounts or have only limited banking services to use financial services.
- **Transparency and trust:** all transactions are recorded on the blockchain to ensure transparency. Trust is established through code rather than intermediary.
- **Ownership and control:** Users have direct control over their funds and transactions, unlike in traditional banks, funds are controlled by institutions.
- **Potential higher returns:** due to the high efficiency of these platforms, lenders can usually obtain higher deposit interest rates than traditional banks.

4.3 DeFi aggregator

NUTU will be based on Web3.0 technology establish a set of transparency, accessibility, and inclusiveness with the distributed open source protocol of DeFi multi-product DeFi aggregator minimizes the risk of trust, helps users store, manage and trade assets safely, efficiently and decentralized, and provides employment opportunities for the general public and the poor. It lowers the threshold for users to enter DeFi inclusive finance with functions such as beautiful user interface, humanized operation experience and one-stop portable investment, and truly attracts a large number of users who need inclusive financial services.

DeFi aggregator (Earn Collection) is a kind of revenue aggregator that can automatically select the highest profit. The product value of siphon DeFi aims to Earn the maximum profit for the held assets in a non-destructive way. Earn Collection will automatically provide a list of profit strategies that are considered to be the best in the current market based on programmed screening, and will also find cross-protocol arbitrage opportunities. This process actually aggregates various DeFi products in the current market. In addition, Earn Collection allows users to provide their own policies (they need to hold a certain platform Token). After the community vote is passed to become an optional revenue policy, the policy proposer can share the revenue in the policy pool.



DeFi aggregator covers the following products:

- **NUTUSwap**

NUTU will create a decentralized transaction ecosystem based on the aggregation ecosystem (NUTUSwap), through the de-Central trading system, help both parties to the transaction agree to exchange their own digital assets in a decentralized manner within a certain period in the future. It will serve most global users who support digital asset transactions and aims to help people exchange digital assets safely, reliably and decentralized.

As a decentralized ecosystem, NUTUSwap the management structure is supported by a completely transparent decentralized system. All decisions in the system are based on the referendum decision of the holder, and all technical updates are publicized by the technical community. This completely decentralized management system will avoid the disadvantages of centralized management of traditional institutions. It provides excellent solutions to problems such as centralized management authority, tampering with data and independent decision-making of the group's direction.

NUTUSwap including hot digital cash market view, K-line view, digital currency flash exchange, digital currency pending orders, digital currency detection and other functions, to provide people with safe, reliable and decentralized exchange of digital assets.

- **LP mine pool**

When the DeFi ecosystem goes online, there will be more than two token combinations in the initial LP pool. When users pledge, they must also provide a certain proportion of designated token combinations, and they cannot choose to pledge only single coins.

Therefore, NUTU will be pushed out LP mine pool for users LP flow pools, such as NUTU and USDT, NUTU and BTC, NUTU and ETH, NUTU and ARB, NUTU and YB, provide users with LP liquidity mining and obtain liquidity rewards through mining, thus further promoting the market value and influence of NUTU.



- Financial ecosystem

In addition to LP mining, NUTU will also launch various financial ecosystem based on DeFi ecosystem, such as FOMO activities, currency stabilization, quantitative transactions and other financial ecosystem products, to help users bring more rights and interests.

- NUTU Wallet

NUTU handle develop a blockchain based on Arbitrum multi-Asset Management cold and hot Wallet (NUTU Wallet) provides multi-functional aggregation services such as mainstream digital asset management, revenue and expenditure, transfer, financial management, transaction, etc.

At the same time, in the later ecology, NUTU will also use wallet ecological Super traffic portal, it is an important tool for identity authentication among members. User registration and ecological participation are allowed to be completed through wallets. Therefore, wallets are also the key to open the NUTU ecosystem and become an entry-level application. The NUTU ecosystem will be fully connected to wallets to form a one-stop seamless connection between traffic and applications.

In addition, NUTU Wallet will gradually cross-chain Eth2.0, HECO, BSC, Polygon, Polkadot and other blockchain networks to provide users with multi-chain wallets.

NUTU Wallet highly secure, technical cooperation with well-known security teams to ensure from the bottom NUTU Wallet the absolute security of multi-chain wallet users.

- ◆Multi-layer security audit
- ◆Professional Security Team
- ◆Cold and hot wallet separation
- ◆CI/CD development embedded program quality and vulnerability scanning monitoring
- ◆Disaster backup solution with Tier 6
- ◆Wallet exception detection system



NUTU Wallet all parties are required to reach an agreement before the transaction is executed. These parties are defined as holders of multi-signature wallets in smart contracts and use their own digital asset account addresses. A transaction is executed only when a predetermined number of holders confirm it. Therefore, a single point of failure related to the private key control account will be eliminated, and the loss or damage of the private key will no longer result in all of the accounts controlled by the account.

- More

In addition to the above ecology, NUTU will also be based on DeFi ecosystem launches various DeFi products, such as derivatives trading, on-chain data analysis, cross-chain projects, insurance and prediction machines, to bring users ecological value experience and rights and interests in a more comprehensive way.

4.4 Metaverse 3D NFT game

NUTU handle through cooperation with Binance Labs, with the help of Binance Labs funds and resources, with the theme of NUTU hometown, create NUTU orchard planting yuan Yuzhou 3D NFT games including sowing, planting, harvesting and NFT. Players can not only invest in NUTU NUTU Manor, but also obtain unique NFT through games.

Players first need to exchange the corresponding number of NUTU tokens through USDT, and then purchase the Manor land, seeds, tools and so on in the game through NUTU. Then land reclamation and seed sowing will be carried out. After the seeds grow into NUTU saplings, the saplings will be planted, and finally the NFT of NUTUs will be harvested.

The harvested NUTU NFT can be held to wait for appreciation, or can be directly converted into NUTU tokens, holding NUTU tokens to wait for appreciation, or directly converted into USDT for cash realization.

Virtual Manor

In the game, there are four types of manors in total: peripheral manors, peripheral manors, central manors and core manors. Players can exchange them into NUTU tokens through USDT, and then use a certain amount of NUTUs to obtain corresponding manors through reclamation. The types



of NUTUs that can be planted in each type of manors are different, and the saplings produced are also different. Higher NUTU saplings can be obtained by upgrading the manor. At the same time, manors in different locations have different maturing time for acting on seeds.

● Manor category

◆ Outermost Manor

◆ Peripheral Manor

◆ Central Manor

◆ Core Manor



Virtual seed

In the game, there are four levels of seeds: primary seed, intermediate seed, advanced seed and top seed. Players can also exchange them into NUTU tokens through USDT, and then purchase seeds through NUTU tokens. For seeds of different grades, the grades of seedlings planted correspond to the grades of NFT produced. Higher NUTU saplings can be planted by upgrading seeds to obtain more valuable NUTU NFT.

● Seed level

◆ Primary seed

◆ Intermediate seed

◆ Advanced seed

◆ Top seed



NUTU NFT

In the game, there are four levels of NUTU NFT: primary NFT, intermediate NFT, advanced NFT, and top NFT. Each level of NFT has different rights and interests. NFT can be held for a long time or sold through exchange in the NFT trading market.



- NFT level and release
- Primary NFT: 2000
- Intermediate NFT: 1000
- Advanced NFT: 500
- Top NFT: 100



4.5 NUTU Chain

Later, NUTU will develop MEME + DAO autonomous public Chain (NUTU Chain) for exclusive community users based on efficiency and application.

NUTU Chain social and economic governance system that meets the needs of an independent digital economy world. It is an open, fair, transparent and developed blockchain infrastructure. It adopts a random proposer election system and a block confirmation, flexible, concise and efficient application interface. It can quickly build various distributed commercial application services and provide decentralized and community-led "currency" power for tens of millions of people around the world, impact the market value of the world's top five MEME coins and create a NUTU-shaped MEME cultural legend.

NUTU Chain the primary network is successfully built, data related to NUTU will be transferred to the NUTU Chain. At the same time, NUTU Chain will provide basic building services of MEME network and other ecological networks for the whole network.



5. Technical implementation

5.1 Integrated operating environment of the system

5.1.1 Integrated running environment based on blockchain

NUTU provides a DAO development tool set based on blockchain, which is open to developers. It provides one-stop development tool stream technical support and integrates the strength of third parties to improve the NUTU system. Third parties contribute to the improvement of the system and will also receive generous incentives including NUTU tokens provided by the platform.

In the future, by using NUTU blockchain, all DAO developed based on NUTU engine tools can be easily connected to the blockchain, allowing developers to quickly create an application that provides unified digital wallet pass, smart contract, transaction and other blockchain functions. NUTU believes that the future running environment of blockchain DAO should have the following characteristics:

- Consistent and perfect chain interoperability interface;
- , downward transparent way of undertaking;
- , encapsulated atomic operations;
- Multi-platform compatibility.

To simplify the use process of developers, NUTU has designed a set of integrated operating environment that can adapt to various types of apps and a matching interoperability interface. Combined with NUTU, it simplifies the docking process between programs and blockchains, makes intra-chain interaction transparent to developers, and enables developers of traditional Web3.0 to develop or migrate blockchains without barriers. The NUTU runtime environment will be compatible with native Android, iOS, PC Web, mobile H5 and other systems and environments. Applications in the runtime environment will have native cross-platform capabilities, enabling chain services to run on multiple platforms without barriers.



5.1.2 Blockchain interaction interface?

NUTU provides a development environment for chain interaction so that developers can easily interact with chains through this environment. NUTU's blockchain interactive development environment provides development components that are compatible with various working platforms, including SDKs for Android and iOS systems, javascript libraries for front-end Web applications, and python and PHP libraries for back-end applications.

Developers can use these development environments to develop their own blockchain software for data interaction, such as user registration, user information and asset operations, and user data operations. The on-chain data interface allows users to store homogeneous or non-homogeneous asset (NFT) data on the chain. In order to provide the best compatibility and customizable features, the blockchain system does not force asset data to be stored in plaintext. Developers can design their own on-chain data storage structure more flexibly so that this information can be parsed more securely through plug-ins of clients and markets. At present, the chain interaction development environment mainly provides the encapsulation of functions such as homogeneous and non-homogeneous digital assets (NFT) and props inquiry, transfer, ownership change, transaction submission, proposal and voting, etc.

5.2 Distributed control management of multi-chain wallet (DCRM)

in the cross-chain interaction of multi-currency assets, NUTU manages tokens and assets on various blockchains in a Distributed manner through DCRM(Distributed Control Rights Management, Distributed Control Management) technology. NUTU establishes a Control Management platform on various blockchain tokens, enabling users to Lock in their digital assets across chains to the same blockchain platform or Lock out them to designated accounts across chains at any time. This technology supports more than 90% of mainstream encrypted digital assets: BTC, ETH, USTD, and other ERC-20 tokens.

Note: Currently, cross-chain bridges such as Anyswap, Fantom, Multichain, and Arbitrum use DCRM technology at the bottom. NUTU implements cross-chain routing on this basis, thus realizing one-click operation of simultaneous transfer of the same asset over multiple chains, and it is expected to launch a liquidity DEX that aggregates all chains in the future.



In order to better manage users' virtual assets in the chain and prevent single point of failure of nodes, you need to manage the private key, which corresponds to the public key or address of the assets in the chain. Currently, there are three main ways to spread private key risks (namely, decentralization):

- 1) multiple Signatures (NUTU Signatures);
- 2) secret Sharing (Shamir-Secret Sharing);
- 3) Threshold signature (Threshold Signatures).

In NUTU distributed key solution (DCRM), one of the current mainstream solutions is adopted-it provides distributed key generation and transaction signature algorithm through threshold signature scheme (TSS) of threshold elliptic curve digital signature algorithm (ECDSA) to control the accounts and assets of a series of blockchains using this algorithm.

5.3 Web3.0 technical logic

5.3.1 Web3.0 introduction

Web3.0 is a decentralized, automated and intelligent internet world with the premise that users' digital identities, assets and data decisions and disposal rights return to users themselves. Based on technologies such as blockchain, semantic network, and artificial intelligence, NUTU builds a chain game network world that is completely dominated by users' will, fully intelligent, ubiquitous, and automatic service.

5.3.2 Application logic under Web3.0 technology

Based on Web3.0 technology, NUTU provides users with applications in many aspects:

- 1) decentralized universal digital identity authentication system

The collection of users' basic information and online behavior traces represents the users' digital identities. Although the current Web2.0 Internet has achieved better interaction and information flow, the online behaviors of users in the framework built by various Internet platform providers are basically separated from each other. Each internet user has to register repeatedly on many platforms that provide different services, and if users want to switch between several



homogeneous platform services, they will face high migration costs, which naturally intensifies the monopoly of platform providers and the information island effect. And the digital identity abstracted by users' online behaviors is completely in the hands of service providers, and users even know nothing about it.

NUTU provides a possible solution based on Web3.0: establish a decentralized universal identity authentication system to replace multiple digital identities separated by the centralized platform. It is managed by users themselves and cannot be tampered with by any third party or used without authorization. Users can choose which identity information is used for what purpose without worrying about the disclosure and abuse of identity information.

2) data Ownership Confirmation

In traditional online games, game service providers firmly control all data from the beginning of the output phase and store all data in centralized servers. Users are at risk of tampering, deleting and selling their data all the time. Once the service provider chooses to change or stop the service, the user will suffer huge losses, and the service provider may use the data for a second profit without the user's knowledge at any time. However, users have no choice but to trust centralized Internet service providers unconditionally. Centralized digital assets (such as virtual currency, virtual goods, member rights, etc.) are completely endorsed by the credit of the service provider, and their value is completely controlled by the service provider. Service providers can make profits by manipulating the value of their own issued digital assets, resulting in loss of user property.

NUTU is based on Web3.0 technology. Through the application of blockchain technology, users' data assets are centrally managed by distributed storage technology and controlled by users themselves. The transparent and tamper-free feature of blockchain information ensures that any behavior related to user data assets requires user authorization.

3) optimization of value distribution structure

Historical experience tells us that no matter whether the vested interests are willing or not, the free market will always move towards a fairer and more efficient direction. The existing Internet has hindered the development of productive forces to some extent, so the market will naturally



undergo changes to meet the needs of the development of productive forces. The decentralized distributed structure of Web3.0 breaks the production and transaction processes and distributes them to each node, so as to completely reconstruct the value distribution system of the Internet. Internet service providers will no longer be able to occupy users' data for free. Using blockchain technology can effectively ensure that users can obtain the value generated by production materials. The decentralized internet business environment will make monopoly and information asymmetry history, and it will be possible to create a truly fair and open market environment.

4) transfer of product design and service pricing rights to users

In the Web3.0 era, centralized Internet service providers will evolve into decentralized encryption protocols, pass certificate the economic system allows users to directly participate in development decisions. Users are not only service users, but also Token holder, and truly have the right to speak. User demands will directly affect product development in the form of community governance, and the real realization of demand determines the product.

5.4 DAO-NUTU the cornerstone of ecological network

Blockchain technology ensures Code is Law, while DAO ensures that the right to make rules is in the hands of the community. The combination of the two is the cornerstone of NUTU ecological network. At the same time, its open collaboration and open source code have been one of the main driving forces for the rapid development of the blockchain industry.

5.4.1 Transparent wall, there is no secret in cryptography

Blockchain technology is a digital asset guaranteed by cryptography, which will also be one of the infrastructures of the ecological network.

The asymmetry between "defense" and "attack" makes the order that is difficult to destroy possible. In encryption algorithms, the huge difference in the difficulty of encryption and cracking makes it much more difficult to destroy rules than maintain rules in networks that are difficult to trace and sanction. Once a reliable algorithm is applied and the key is not disclosed, it is difficult for others to crack the content, thus failing to forge identities and decrypt



communications. It is the exquisite use of this algorithm that ensures the security of the encrypted asset network.

The encryption algorithm is a transparent city wall, and its security comes from transparency and publicity. The encryption algorithm is completely transparent and public. Anyone can try to crack it. Only the encryption algorithm that has not been cracked can be used. After everyone's examination, the encryption algorithm that is still reliable after all conceivable methods attack will be used in production and life.

The hash algorithm and asymmetric algorithm commonly used in encrypted currency have also been tested by time and the public. These algorithms ensure the order of the entire information network, whether it is network identity or bank password. These algorithms are indispensable when Internet business processes require confidentiality, privacy, and identity confirmation.

In addition to secure encryption technology, common interests at the economic level are also needed. NUTU relies on DAO's organization mode and only uses the code implementation mechanism to gather organizational consensus, thus completely open collaboration is also possible.

5.4.2 Intelligent contract, upgrade of DAO

DAO ensures the deterministic execution of intelligent contracts and lays a platform Foundation for Code is Law. Developers are free to create and deploy contracts. NUTU users need to run contract programs through virtual machines while mining, and generate new blocks from the new data state. Other nodes need to verify whether the contracts are executed correctly while verifying the blockchain, thus ensuring the reliability of calculation results. Smart contracts in NUTU run as expected, allowing trusted computing without a third party. These transactions are traceable and irreversible. The smart contracts on NUTU are open and transparent and can be called to each other, ensuring the openness and transparency of the ecosystem.

Openness is the foundation of NUTU's ecological prosperity and the contribution of all participants in the ecology to common goals and interests. The open NUTU ecosystem ensures fair participation of all participants and is also the basis for long-term prosperity.



5.4.3 Based on intelligent contracts, how is the DAO governance of NUTU implemented?

Currently, DAO governance is divided into on-chain governance, off-chain governance, and DAO operating systems that provide standardized governance functions. On-chain governance is characterized by complete decentralization of voting and result execution. On-chain governance relies more on tools to achieve weak constraints on development teams from communities.

NUTU will adopt under-chain governance at the initial stage, and the concentration of decision-making will give more flexibility to the development of the project. However, with the maturity and stable function of NUTU, NUTU will turn to completely decentralized on-chain governance to truly realize autonomy under code constraints.

●On-chain governance, rules completely controlled by the community

On-chain governance is to implement decentralized decision-making through intelligent contracts. Participants' voting results will directly affect intelligent contracts and will not be affected by any subject. The purpose of voting is to approve or reject changes to the system status. Each voting type is managed by an intelligent contract. A proposal contract is an intelligent contract that writes one or more effective governance behaviors through programming. Any blockchain network address can be deployed. Pass certificate the Holder decides whether to execute the proposal in the form of voting, and the proposal procedure will be automatically executed after the voting is passed.

●Under-chain governance, power checks and balances achieved through tools

Under-chain governance refers to the community's implementation of governance and results through under-chain methods. Generally, the community and the development team can achieve the balance of rights through the use of various tools:

1) vote and certificate on the chain, and the development team will develop according to the voting results.

In offline voting, the voting result is verified by the snapshot of the voting rights on the user chain by the chain NUTU (thanks to the openness of the blockchain data), and allows users to vote under the chain according to the NUTU governance rules, greatly saving the handling fee



required for interaction with the contract. At the same time, NUTU uploads the detailed voting result report to the decentralized storage network to ensure that no one can modify the voting result. The NUTU management team will execute according to the voting results, but this constraint is a soft constraint and requires the management team to follow the voting results.

2) Core members of the community manage the community vault through multi-signature wallet, and publicize the vault address to be supervised by the community

NUTU's multi-signature wallet is the owner of multiple wallet keys. When performing the fund transfer task, multiple keys are required to transfer funds smoothly. The signature permission of multi-signature wallet is usually granted to more than 3 core members of the team recognized by the community, which restricts each other. At the same time, these members often have a high reputation in the community, and most of them also have real-name authentication.

3) social networking tools to synchronize information

Twitter, Telegram, Discord, etc. are the most important social networking tools used by DAO. Although the discussion group is not directly related to the governance decision of the project, for decentralized projects, the current important link in decentralized governance is information transparency and fairness. The communication channel of the project side directly determines the transparency of information diffusion in decentralized governance, so it should also be regarded as an important part of decentralized governance.

NUTU will create SocialFi social ecosystem. In NUTU-SocialFi social ecosystem, players can independently build a social ecosystem based on blockchain and VR. All information is converted into ciphertext by using the key and encryption function. After receiving the ciphertext, the receiver restores it into plaintext by using the key and encryption function, which makes information transmission safer and protects user privacy.

It can be seen that off-chain governance does not achieve "code is law", but rather achieves constraints through tool assistance, information disclosure, the reputation of core members, and Token holders' "voting with their feet" (that is, investments can be transferred to other projects at any time).



For NUTU, the current community autonomy is to achieve the goal of community governance through the cooperation and cooperation of several centralized and decentralized components.

NUTU will adopt under-chain governance in the development period, and change to comprehensive on-chain governance after the product is mature, and hand over the right to make rules to the community.

With the development of smart blockchain contracts, it will be able to carry more code work on the chain, and the scope of governance on the chain will also be expanded. It will be possible for NUTU to implement full-chain governance of the digital world.

● **Standardized DAO operating system**

The DAO operating system provides users with standard governance tools and UI interfaces, allowing users to easily start a DAO without code. They usually provide a complete set of intelligent governance contracts, interfaces with external applications, and UI interfaces involved in governance to promote on-chain actions of decentralized communities.

5.5 Advanced Encryption Standard (AES)

AES encryption uses symmetric key technology to encode and decode data. This indicates that the encryption and decryption processes use the same key. Some features of this encryption key are as follows:

- AES encryption uses a 128-bit, 192-bit, or 256-bit variable key size and a 128-bit fixed block size.
- It is a fast and effective encryption technology that can be used in many different applications.
- Attacks such as brute-force cracking and differential password analysis cannot crack AES encryption.

Encryption protection for AES

Higher Security

For organizations of all sizes, data leakage and network Risk they are all major issues. Using AES



technology can help protect your company from these hazards. The following are three ways to improve security:

- **Use advanced encryption standards:** the most popular encryption method today is advanced encryption (AES), which has good reasons. It provides powerful encryption capabilities that are difficult to crack, making it an excellent choice for protecting sensitive data. Symmetric key technology uses the same key for encryption and decryption, so it is fast and effective. With this encryption technology, your data is protected from danger and kept confidential.
- **Protect your data:** with AES, your data is protected from unnecessary access. This is because encrypted data is useless and cannot be read or accessed without a correct key. Therefore, even if an attacker tries to access your sensitive data, it will be further protected because it cannot be decoded without a key.
- **Eliminate potential vulnerabilities:** AES encryption prevents sensitive data from being sent or stored. Security vulnerabilities . It protects your data from hacker interception and decoding. This means that if there is no correct key, even if it is intercepted, your data will be difficult to understand and useless.

Improved data protection

The implementation of advanced encryption standards can enhance the overall protection and security of data. Three methods to improve data security include:

- **enhanced authentication protection:** AES solutions provide higher authentication security, ensuring that only those who have access to your data can do so. Use a strong symmetric key to encrypt and decode data. Only authorized users can access keys used for encryption and decryption to prevent unauthorized users from accessing data.
- **encrypted data transmission:** a key part of business operations is to share and receive data. Therefore, protecting the transmitted data is crucial to prevent data leakage. Advanced encryption standards provide necessary protection by encrypting data during data transmission. Therefore, even if attackers intercept data, they cannot access it without the correct key. In addition, encrypted data is secure during transmission, thus increasing another level of security.



- Improve regulatory compliance : as a brand, you must abide by legal obligations, and data protection laws are becoming more and more strict. By providing a powerful and secure way to protect sensitive data, advanced encryption standards can help your company achieve regulatory compliance. You can use AES to comply with laws such as HIPAA and GDPR.

5.6 Core technical advantages

The "Impossible triangle" represents three features that are difficult to take into account at the same time in the blockchain system. NUTU cannot be the strongest at these three points at the same time. However, through many designs, we have shortened the side length of the "impossible triangle" as much as possible.

1) Decentralization

• improved DPOS mechanism: based on the traditional DPOS consensus mechanism, we improve the consensus algorithm. All active witnesses have the same probability of block reservation in the witness reservation algorithm of DPOS consensus algorithm, which ensures that the block-out probability of all witnesses is consistent with the block-out reward obtained;

• Low forking risk: NUTU uses the DPOS consensus mechanism, which does not require miners to use mining machines for mining. This can effectively avoid the impact of central cost-effectiveness on the entire basic chain, thus reducing the forking risk. Under the DPOS mechanism, if any witness wants to split by voting, it is possible to ensure that more than 1/3 of the witnesses violate the mechanism at the same time;

• Lightweight nodes: lightweight nodes are essentially an environment that can interoperate with chains. Unlike full nodes, lightweight nodes do not need to synchronize data across the whole network, instead, they need to synchronize the contract information and environment data necessary for running. This design can greatly reduce the data volume and synchronization time synchronized by nodes, and make the game software on the chains have the actual capacity and time cost feasibility.

2) Security

Player autonomy and asset security. Due to the open and transparent features of the blockchain



network, the digital asset information obtained by players in the game can be browsed through the blockchain, and a guarantee mechanism is provided for the security of game assets:

- Asset operation rights: the ownership and disposal rights of props in the game are only owned by the players, and the destruction of items can only be handled by the users themselves;

- atomizing key operations within the chain: important behaviors such as asset circulation and asset creation are submitted to the circulation platform, and all operations in the circulation or production process are regarded as an indivisible atomic transaction;

- scalable multi-step verification: in addition to the blockchain transaction verification password, gamers will provide further secondary password verification and random code verification to further improve the security of players' assets;

- Guarantee of modern cryptography: NUTU chain system uses common modern cryptography technology ECC (Elliptic Encryption algorithm) for encryption to ensure the security of blockchain information;

- transaction verification mechanism to prevent BP/developers from cheating: in the NUTU solution, a set of transaction execution, message transmission, and operation mechanism is designed for BP and developers to prevent BP/developers from cheating;

- iteratively updated intelligent contract system: NUTU can provide logic updates and vulnerability fixes for online game intelligent contracts, thus ensuring the security and timeliness of intelligent contracts.

3) Extensibility

Through the game engine, development environment and NUTU game, an overall solution of decentralized game production and game economic operation has been established, and a commercial ecosystem has been constructed, aiming at connecting the global game ecosystem. The main ecological links include developers, investors, gamers, key ecological links and blockchain systems.



6. Team introduction

NUTU has strong technical research and development strength, and its core team comes from the blockchain department of the world's top 500 enterprises.

NUTU has team members all over the world, including 19 countries: South Korea, the United States, India, the United Arab Emirates, Brazil and the Philippines. NUTU's members include Dogecoin geeks such as early-stage encryption venture capital fund members, Silicon Valley geeks organization, DAO Crypto community members, and Asia Pacific encryption community. It has rich and professional knowledge in block chain research and development and risk control.

Core members

Gavin Woods-CEO

Gavin Woods was a senior architecture engineer and a senior geek in digital cash. The elliptic curve Signature Algorithm (ECDSA) and intelligent contract technology he studied both laid the technical foundation for the fast transaction mechanism of NUTU.

Jason-CTO

Jason is a Master of Computer Science in National University of Singapore, with more than 8 years working experience in IT industry. He has been engaged in the design of various cloud computing and big data products or solutions under X86 architecture. He has been engaged in SOA research and development related to distributed computing since 2015, and has been engaged in system architecture design from grass-roots software research and development.

Lee Hills-technical engineer

Lee Hills is a Master of Computer Science in National University of Singapore, former Oracle super account Super Book project manager, PMP, information system project manager. 13 years of industry research and development and management experience, rich experience in enterprise information systems, big data, information security, blockchain and other fields.



Jason Mill-core technical coding backbone

Jason Mill is a Singaporean, a former IBM innovation business consultant. Proficient in Linux systems, common data structures and algorithms, Java, C, and MATLAB programming languages, and easy to use Python, C ++, Bash, HTML, JavaScript, and CSS structural languages.

Jay Best-Strategic Advisor

Jay Best once worked in AMF fund company as the manager of investment department, and later worked as the project manager of national tourism online in the United States. He has 13 years of professional experience in online tourism consulting.

Brian Ford-top experts in blockchain

Brian Ford is one of the early core bitcoin developers and a blockchain security expert. In 2008, out of love for programs and encrypted currencies, he joined the early developers of Bitcoin and obtained a large amount of Bitcoin in daily bitcoin mining.



7. Development and planning of NUTU

7.1 Development route

2024.Q3

NUTU will cooperate with many well-known encrypted currency exchanges to start the airdrop of NUTU tokens. Airdrop will allocate according to the trading volume of the Cooperative Exchange users.

2024.Q4

NUTU will cooperate with the blockchain global tourism platform Curate. Users can use NUTU tokens to pay for air tickets, hotels and tourism products worldwide. This cooperation will be promoted through users of Gate.io exchange.

2025.Q1

NUTU will cooperate with BankSocial to provide NUTU holders with more sufficient liquidity lending services.

Create DeFi aggregator, and successively launched DeFi products such as Swap, LP mining pool, financial management, Wallet, etc.

2025.Q2

NUTU will announce details of the NUTU orchard planting yuan universe 3D NFT game. The theme of the game is NUTU hometown, including sowing, planting, harvesting and NFT. Players can not only invest in NUTU Manor, but also earn money through games to obtain unique NFT.

Research and develop NUTU Chain, and incubate various MEME token ecosystems based on NUTU Chain in the future.



7.2 Future Planning

Long-term goals: through continuous community-driven and decentralized autonomy, NUTU plays an important role in the global encrypted money market.

Ecological construction: strengthen cooperation with more blockchain projects and platforms to expand NUTU application scenarios.

Technological innovation: continuously develop and improve ecosystem technologies to improve user experience and ecosystem security.



8. Risk and Disclaimer

Please read this disclaimer carefully. If you have any questions about the action you should take, you should consult your legal adviser, financial adviser, tax adviser or other professional adviser.

(1) The information contained in this white paper may not be comprehensive and does not imply any elements of contractual relationship.

(2) the content in this white paper is not binding on the growth value ecology of NUTU and may change with the continuous research and development of the project.

(3) This white paper does not constitute suggestions on investment, law, taxation, supervision, finance, accounting or other aspects, and is not intended to provide the only basis for transaction evaluation of NUTU purchase. Nothing in this white paper is considered to constitute any type of prospectus or investment invitation, and in any way does not involve an offer to sell or solicit the purchase of any securities in any jurisdiction. If the laws and regulations of any jurisdiction prohibit or restrict transactions involving or using digital cash in any way, this document is not prepared in accordance with such laws and regulations and is not restricted by the laws and regulations of that jurisdiction.

(4) several statements, estimates and business information of project planning contained in this White Paper are regarded as forward-looking statements or information. Such prospective statements or information involve known or unknown risks and uncertainties, which may lead to significant differences between actual events or results and estimates or results implied or expressed in such prospective statements or information.

(5) NUTU and other digital token asset holders shall not trade digital cash to countries or regions prohibited by applicable laws and regulations or restricted in any way. The responsibility of each potential NUTU buyer is to determine whether the buyer can legally purchase NUTU and other digital token assets in his/her jurisdiction. Please read the disclaimer tips of the project in detail when purchasing NUTU and other virtual digital assets. Thank you for your cooperation!