



Whale

Crypto social platform and digital token circulation
ecosystem based on blockchain technology





Preface

In the history of the development of information technology technology, the Internet is considered to be the information superhighway, while the blockchain technology is considered to be another system that changes the world after the power system and the Internet system. When it comes to blockchain, we always think that this is a technology far away from us, or we think that blockchain is still just in a speculative stage. In fact, the application of blockchain has been quietly happening in various industries. For example, the combination of chat tools and blockchain has created a new generation of encrypted social ecology.

As a new application mode that integrates distributed data storage, point-to-point transmission, consensus mechanism, encryption algorithm and other computer technologies, blockchain technology has a decentralized, immutable and trusted distributed ledger, which provides a set of safe, stable, transparent, auditable and efficient way to record transactions and data information interaction:

Decentralization: Equalizing systems using distributed accounting and storage. Highly secure, immutable distributed ledger.

- Openness: Existing on the Internet, system information is highly transparent and open to all users.
- Autonomy: Blockchain uses consensus-based norms and protocols to facilitate peer-to-peer transactions and swaps between people and things.

Information is immutable: Once information is verified and added to the blockchain, it is stored permanently and can never be tampered with.

Due to the existing information leakage and other security risks of social software, people see a huge market demand. Whale DAO began to look for blockchain technology to solve the problem of user privacy and security. Blockchain technology is to ensure that the data on its network is safe and immutable through distributed storage, and encryption technology to ensure that the data cannot be read by third parties. Blockchain technology and social tools themselves are naturally compatible, therefore, it is the best choice to



develop social tools and design public chains based on blockchain technology, and Whale Token is the industry's best solution for blockchain anonymous instant chat to subvert traditional social tools. At the same time, Whale Token will explore in the field of DeFi, NFT, and meta-universe, and will also create more ecological applications based on DeFi, NFT, and meta-universe virtual reality, promote the landing of more scenarios, and bring more returns to global users and players.

Whale Token The blockchain social network allows users to run nodes on their devices to connect between network nodes and nodes in real time, and user information is stored on network nodes in the form of encrypted, forming a distributed cloud. According to blockchain technology, data is stored, and data can only be viewed by those who master the secret key. The network provides compensation to users who contribute to the storage and computing power. In addition, rewards are offered to users who create and maintain content.

In this way, Whale Token Blockchain Social establishes a completely different operating model from traditional social networks: returning control of user profiles and information to individuals, and providing incentives for users who contribute. This model is to ensure the security of personal data, and the second is to stimulate people to make more contributions through the system mechanism. At this time, the network is no longer a central hub, but a simple platform, a platform where users can fully interact point-to-point.

Whale Token The team has strong social resources in the industry and maintains good relations with multiple regulatory agencies; from mature Internet companies, help them to master the world's leading online community and application cluster; backed by the industry renowned blockchain technology team, has enough strength to bind the industrial chain through the application of blockchain.

With the advantages of the market, industry, team and users, coupled with the unique main chain and token system design, the Whale Token team has put forward a new vision of the social industry, which will break the existing shackles and achieve leap development. Blockchain enables new social networking, which is not only an exploration of the application of blockchain, but also an improvement in the field of instant social networking. In the near future, Whale Token, through the application of DeFi, NFT, and the universe + social networking, will be able to completely subvert the giants including wechat, Facebook, telegram and so on on



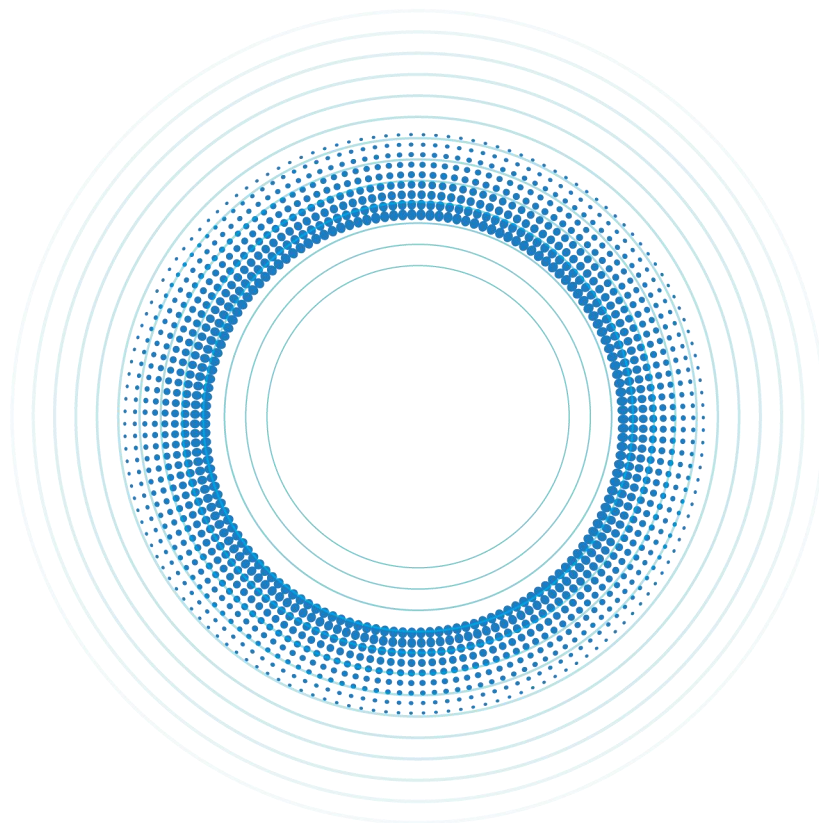
the blockchain, and become the leader in the blockchain social field. Protect the privacy and security of all mankind, return human freedom, and let Whale Token benefit every user.



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Chapter 1: Blockchain Technology and Cryptographic Social interaction

1.1 Blockchain technology and Web3.0

Blockchain is a bookkeeping Technology, also known as Distributed Ledger Technology, which is jointly maintained by multiple parties, uses cryptography to ensure the security of transmission and access, can achieve consistent data storage, is difficult to tamper with, and prevents denial.

A typical blockchain stores data in a block-chain structure. As a new computing paradigm and collaboration model for low-cost trust establishment in an untrustworthy competitive environment, blockchain, with its unique trust establishment mechanism, is changing the application scenarios and operation rules of many industries, and is one of the indispensable technologies for developing the digital economy and building a new trust system in the future.

In a typical blockchain system, all participants jointly store information and reach a consensus according to pre-agreed rules. In order to prevent the consensus information from being tampered with, the system stores data in blocks. Between blocks, a Chain data structure is formed according to the chronological order and combined with cryptography algorithm. A recording node is selected through the consensus mechanism, and the data in the latest Block is determined by this node. Once the data is confirmed, it is difficult to delete and change, and only authorized query operations can be carried out. According to whether the system has a node access mechanism, blockchains can be classified into permissioned chains and non-permissioned chains. The entry and exit of nodes in the license chain require the permission of the blockchain system, which can be divided into alliance chain and private chain according to whether the main body with control rights is concentrated. The non-permissioned chain is completely open and can also be called the public chain, and nodes can freely join and exit at any time.

3. Web3.0 is a new stage in the development of the Internet. It is based on Web2.0, and can effectively solve these shortcomings of Web2.0, so that the value of the Internet ultimately belongs to users, so that our life becomes more



convenient and easier. And blockchain technology, is the driving force of Web3.0. Thanks to the decentralized (distributed) storage, impossibility of tampering, information encryption, data equity tokenization and other characteristics of blockchain technology, Web 3.0 has the following characteristics:

- Decentralized operation, decentralized storage: The blockchain is designed in a decentralized way, and the server is no longer a solid house, but a multitude of houses scattered across the globe. Each house, with its own walls and alarm system, protects data. This solves the problem of client-server data structure.
- Data rights and authorization: Based on the blockchain technology of data rights tokenization, data rights and authorization, the privacy of user data will be well protected. All the data of the user in Web3.0 belongs to the user himself. The user has no right to use the data without the user's authorization. At the same time, users have the right to share the profits generated by the use of data, and users can enjoy the benefits of the token economy.
- The network reaches a consensus without the need for intermediaries: the nodes of the blockchain network collectively record all previous events and all user interactions, and design a consensus protocol based on this. It can provide reference for users anytime and anywhere to solve trust problems, and no intermediary is needed.
- Web3.0 provides a "common state layer" : Blockchain technology, which can preserve state in a digital native way, enables Web3.0 to provide a common state layer to manage a set of unique states across the web.

1.2 Development history of blockchain technology

The birth of blockchain marks the beginning of human beings to build a truly trusted Internet. By combing the rise and development of blockchain, it can be found that the attractive point of blockchain is that it can establish reliable trust between points in the network, so that the value transmission process can eliminate the interference of intermediaries, both public information and privacy protection, both joint decision-making and protection of individual rights and interests. This mechanism improves the efficiency of value interaction and reduces the cost. There



have been several iterations of today's blockchain technology:

Blockchain 1.0 - Digital token In early 2009, the Bitcoin network officially went live. As a virtual currency system, the total amount of Bitcoin is limited by the network consensus protocol, and no individual or institution can arbitrarily modify the supply and transaction record. The underlying technology that underpins bitcoin's operation, the blockchain, is actually an ingenious distributed shared ledger and peer-to-peer value transfer technology that could potentially have as big an impact on finance and even industries as the invention of double-entry bookkeeping.

- Blockchain 2.0 -- Smart contract Around 2014, the industry began to recognize the important application value of blockchain technology, trying to create a common technology platform and provide developers with BaaS (Blockchain as a service) service, which greatly improves the transaction speed and greatly reduces resource consumption. And supports a variety of consensus algorithms such as PoW, PoS and DPoS.
- Blockchain 3.0 -- Extension of Blockchain applications After 2015, with the rise of DAG-based blockchain 3.0 technologies like Byteball and IOTA, blockchain systems are more efficient, scalable, interchangeable, and have a better user experience than before. Its application has also been further extended to a wider range of applications such as medical health, IP copyright, education, Internet of Things, sharing economy, communications, social management, charity, culture and entertainment.
- Blockchain 4.0 -- Improving the ecosystem Blockchain 4.0 technology based on HashNet data structure has gradually attracted the attention of the industry. The consensus algorithm based on this data structure can achieve a qualitative leap in transaction throughput and scalability, thus further supporting blockchain as the infrastructure of an industry. And form a sound ecosystem based on blockchain, which will widely and profoundly change people's way of life.

From an economic point of view, this new value interaction paradigm created by blockchain is based on "weak centralization", but this does not mean the complete disappearance of various "centers" in the traditional society. In the future, there will be a large number of "multi-center" systems in blockchain, dominated by alliance chain, private chain or hybrid chain. Blockchain will further improve the



operational efficiency of "center". And reduce a considerable part of its cost.

From a technical point of view, we believe that blockchain is a technical system that is jointly maintained by multiple parties, stores data in a block chain structure, uses cryptography to ensure transmission and access security, and can achieve consistent data storage, which cannot be tampered with or denied. This technology has brought the world unlimited imagination space, the global attention to the blockchain heat continues to heat up, the world's major economies from the national strategic level began to study the blockchain technology and development trend.





1.3 Integration of blockchain and social interaction

Sociability is the basic attribute of human beings as social groups. Since the birth of human beings, no matter in what form, no matter under the control of consciousness, human social activities have never stopped. As the carrier of social activities, with the increase of people's social needs, people's dependence on social networks is increasing. Meanwhile, the development of social networks has gradually shortened the distance between people and regions. However, the advantages of blockchain technology have natural application advantages in the field of anonymous chat and encrypted social communication. Blockchain technology will play a subversive role on the traditional Internet. In terms of social interaction, its combination has natural advantages and common value appeals.

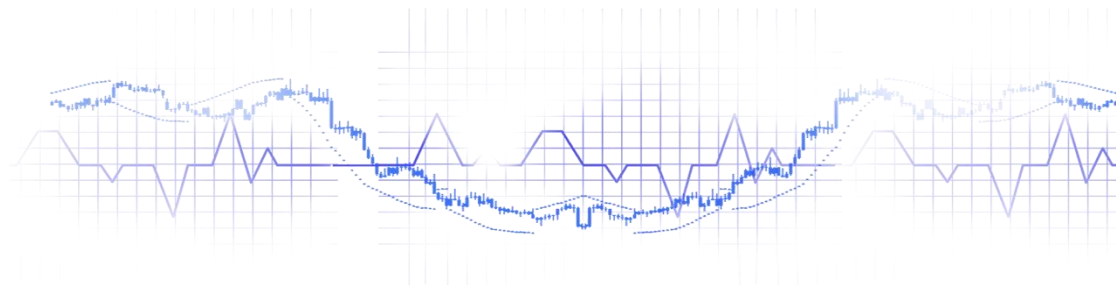
First, blockchain replaces centralized data server farms with a distributed network that stores and maintains a common database, taking power away from social media giants by returning ownership of the data to users. On ordinary online platforms, users must get "free" services at the expense of data, but the data information of the users of the blockchain network is protected in a public form on the blockchain network and is not used by any backend.

Second, blockchain technology improves the problem of online platforms exploiting content creators' profits. Blockchain has a token-like incentive mechanism, where users can be rewarded for creating content and contributing computing power. Users can also create their own channels and receive revenue from content creation. It can be seen that the blockchain network gives users a sense of security and ownership. At the same time, this efficient, free and relaxed network environment is more attractive to users who pay attention to experience and crave freedom.

Finally, users can speak freely and not be affected by the platform. In fact, on the Internet platform, the speech posted by users is regulated by the platform. On the contrary, the form of anonymity on the Internet gives birth to violence and false things on the Internet. When users lose their trust, there will be no Internet. Blockchain is based on the peer-to-peer communication mode, and the decentralized network structure is immutable, which can ensure the establishment of such trust and re-establish the credit system between people when applied to the network platform.



At present, the application of the network media to the blockchain is still in the bud, or to establish a reward and punishment mechanism, or to take other measures, only when the underlying technology of the blockchain is increasingly improved, it can better empower the network. With the continuous development and application of blockchain technology, it will get its value in all fields, and it is the same in the media industry. Whale team believes that by analyzing the pain points of the industry and combining with the advantages of blockchain itself, the limitations of the development of free Internet and barrier-free networking will be broken through.



1.4 Cryptographic logic of blockchain social communication

Anonymity and encryption are the two main characteristics of blockchain. Anonymity refers to the phenomenon of individuals hiding their individuality in a depersonalized group. In addition to the anonymity and encryption of assets, most blockchain-based applications also have these two characteristics and can be used for privacy protection, such as voting, elections, privacy protection, art auctions, and so on.

A blockchain is actually a series of blocks. This decentralized public ledger has multiple components, in particular the storage of related information, distinguishing features between blocks and details of the parties to a transaction. For a blockchain to work, transactions must be made. Then, the transaction must be verified and stored in the block. Each block is then assigned a hash. This is the unique code that identifies the transaction. Once the block is added to the blockchain, anyone can see it. Through the blockchain, we can query the data



information of every transaction, but we can not know the trader. Thus, the encryption and anonymity of blockchain-related content can be realized.

Every connected computer on the network receives a copy of the blockchain. This is automatically updated in real time when new blocks are added. Since every computer in the blockchain network has a copy of the blockchain, there may be thousands or even millions of identical copies. This makes it nearly impossible to manipulate the blockchain without a single point of failure. The important note about blockchain technology is that there is very little identifying information about the parties to a transaction. The types of information that are visible are usernames and digital signatures. Given the chronological nature of the system, blockchain security is ensured.

As shown in the figure above, node A sends data to node B, where public key encryption is used. Node A obtains the public key of node B from its own public key, encrypts the plaintext data, and sends the ciphertext to node B. Node B uses its own private key to decrypt the data.

Private key encrypts public key decryption, as shown in the figure above, node A uses B's public key for encryption, and then transmits the ciphertext to node B. Node B takes node A's public key to decrypt the ciphertext.

1.5 The birth of Whale Token blockchain social

With the enhancement of privacy awareness, people's call for privacy protection is becoming stronger. People all over the world worry about their private information being recorded by search engines or social media sites. They expect their data to be private and secure, and rightly so. This demand is no different in the world of bitcoin and other cryptocurrencies.

If the real world is to be mapped to the blockchain world, there are many more scenarios that require anonymity protection: a company wants to protect supply chain information from competitors; An individual who does not want to be known to the public that she is paying to consult with a bankruptcy or divorce lawyer; A wealthy individual who does not wish to inform potential criminals of their whereabouts and attempts to extort their wealth; A buyer and seller of different



goods who want to avoid the transaction being cut off by the middleman company between them; Investment banks, hedge funds, and other types of financial entities that trade financial instruments, the exposure of which puts trade executors at a disadvantage if others can figure out their positions or intent to trade, affecting their ability to make a profit.

Much more important is how individual networks can penetrate firewall restrictions to achieve free and anonymous access to the global web and create value in the process. As globalization deepens, this restriction is increasingly a major factor preventing users from gaining free, secure and convenient access to the global network and creating value.

In addition, with the rise of meta-NFT, the concept of the universe, there is a deeper integration of social and meta-universes. The English Metaverse is composed of Meta and Verse, Meta stands for transcendent and verse means universe. Together, it usually means the next stage of the Internet, the network world of virtual reality supported by AR, VR, 3D and other technologies.

NFT and Metaverse undoubtedly represent the future of the Internet, blockchain, and even the technology industry. The whole modern and digital civilization is breaking through the physical limitations, moving from the physical reality to the online virtual world. In this process, the meta-universe technology has once again defined the concept of digital immortality and consciousness of human civilization. If the user really joins the track of the builder, producer and sharer of the meta-universe, then the construction, production and sharing of the user is likely to achieve a digital progress history of human beings in the virtual world, and achieve a development history of eternal existence free from physical restrictions.

The Whale team believes that with the advent of the Web3.0 era, the construction of anonymous and encrypted cross-regional social networks and the meta-universe virtual reality ecology will bring freedom and value to more people and institutions, and will also make the decentralized concept of blockchain better implemented. In 2022, with the support of years of mature technology, Whale team has joined hands with the world's top crypto community to create an anonymous mapping communication network and encrypted social platform based on blockchain technology, and will focus on the goal of realizing users' free and anonymous access to the global network and unlimited anonymous chat.



Chapter 2 : Overview of Whale Token project

2.1 Whale Token blockchain social platform

Whale Token is a crypto social platform and digital token circulation ecology based on blockchain technology. It aims to provide underlying protocol support for anonymous mapping communication network and cross-regional anonymous chat through the application of blockchain technology and the introduction of Web3.0 protocol. Through the deep understanding and accumulation of the industry, as well as the belief in decentralization and the persistence of liberalism, the Whale Token blockchain social platform will lead an anonymous network era with safe assets and full freedom.

Whale Token blockchain social platform will make every effort to build a completely anonymous and untraceable encryption protocol and token incentive model, build a general, complete support functions, high performance, rich application scenarios, easy to use, good user experience cross-regional anonymous social network and Web3.0 related infrastructure. It will become the first blockchain 4.0 penetration system in the whole network to support all kinds of anonymous applications on the chain and cross-regional free access.

Whale Token blockchain social platform through the original completely distributed anonymous P2P network communication protocol, original composite transaction group consensus mechanism and mining mechanism, support transaction anonymity protection, Turing-complete smart contract and other features. At the same time, it supports the circulation of third-party assets in the anonymous network, cross-chain communication, multi-chain integration, anonymous social and distributed information storage and other functions.

The vision of Whale Token blockchain social platform is to realize the anonymization of a full range of value systems such as online surfing, social networking, communication, payment, trading, advertising, and games, break through various key technologies of value transmission network, and build a global value Internet and a free and unconstrained space. The platform ecology closely



connects "blockchain + asset privacy and anonymity + communication freedom + network barrier-free link" in a new way, forming an unprecedented application ecology of the digital world. The ecological chain and the ecosystem interlace and form a matrix structure, which together constitute a complete and open circulation ecosystem.

In addition, in the process of the rise of the concept of the meta-universe, the field of social and game also ushered in a new stage. Therefore, the Whale Token blockchain social platform will also build more innovative applications for global users based on the concept of the meta-universe, making the social ecology of anonymous chat and encryption more rich and interesting. The Whale team believes that users will have more demands and enthusiasm for privacy and security, users will be more interested in their own identity value and time value, and users need a more transparent, open, free and equal Internet world.

Only blockchain technology and the spirit conveyed by blockchain can break the barrier between the current Internet giants. Whale Token blockchain social platform is contributing to the construction of such a new ecology, which will not be closed, but will become bigger and bigger. To achieve such a goal, it needs the joint efforts of everyone. Decentralization, openness, openness, transparency, freedom and equality..... Whale Token blockchain social platform is committed to bringing a better crypto era built by blockchain to users around the world.

2.2 Instant messaging system based on blockchain

Instant Messaging is a real-time communication system that allows two or more people to transmit text messages, documents, voice and video over the network in real time. It is the most popular way of communication on the Internet, and a variety of instant messaging software is also emerging in an endless stream. Service providers also provide more and more rich communication service functions. There is no doubt that the Internet has become a true information superhighway. From the point of view of practical engineering application, guided by the principle of computer network and combined with some common technologies in the current network, it is feasible to program the network chat tool based on C/S architecture.

Powerful communication ability and rich functions are the biggest attraction of instant messaging to users, but as a kind of application aiming at maximizing



communication ability, its security protection mechanism and access restriction degree are relatively weak. In addition, the traditional instant messaging is a centralized management structure, with a central server, all the user's data information is stored in it, extremely easy to occur platform information leakage events, user privacy can not be guaranteed. User property rights and interest returns can not be guaranteed; High user communication cost; There is no real freedom of speech and many other problems, has been criticized.

The anonymous instant messaging within the Whale Token ecosystem is based on blockchain technology, bringing new changes to the industry and users. Its most prominent features are decentralization, P2P network, distributed ledger, time stamp, transparent and immutable information, etc. It attracts users to actively participate in the platform through content-oriented, point incentive, content creation and value-added services, such as community chat, friend sharing, video conferencing, live interaction, content creation, topic establishment and so on.

With Whale Token, users can speak freely and not be affected by the platform. Based on the peer-to-peer communication method, the decentralized network structure has immutable characteristics, which can re-establish the credit system between people when applied to crypto social communication. Whale Token will also solve the problem of unequal income distribution through an effective token incentive mechanism, and users can receive digital asset rewards through Posting, popularity ranking and other ways. Instead of just getting intangible rewards from the social platform, users can also get tangible rewards immediately. The anonymity of the blockchain of the Whale Token platform is a great way to solve the problem of users' personal information being overexposed and exploited. The platform will not affect users' daily life, which is well in line with the future mainstream users' attention to privacy.

In addition, Whale Token will eliminate the trust problem and reduce the communication cost. Blockchain solves the trust problem between the two through technology. After the trust problem is solved, the efficiency of the entire social system will be improved, and there is no need to introduce it through acquaintances.

Whale Token will also drive the shift from externality to internalization of social interaction. Social positive externalities are when users engage in social behaviors on a social platform that generate positive revenue for the platform. A social contribution evaluation mechanism can be established through blockchain smart



contracts to record and evaluate users' social behaviors with positive externalities on social platforms, and the converted benefits can be feedbacks to users in the form of blockchain digital assets or points to achieve internalization.

Whale Token encryption technology to realize the security of encrypted social - instant messaging data transmission. The encryption technology is a prominent feature of the Whale Token blockchain. Whale Token can encrypt the user's private information that needs to be kept secret, ensuring that the information is only transmitted or shared between specific users.

2.3 Platform supporting service module

1) Whale Token wallet system

Whale Token wallet system has powerful functions and is mainly developed based on blockchain information technology. It pursues the ultimate user experience, makes the payment environment safer, makes asset management more convenient, supports multi-currency and multi-language, improves API interface, and creates a safe and easy to use digital asset management tool and entry-level application. At the same time, it is simple and easy to operate, hundreds of stress tests, and powerful anti-theft technology to maximize the security of users' digital assets.

The Whale Token wallet system provides all-round security. In the process of using the wallet, the user can control the private key of the wallet, and every transaction is protected. At the same time, the wallet provides multi-signature technology, with verification codes, fingerprints, live and other verification methods, to escort asset transactions and protect users' digital assets in an all-round way. The Whale Token wallet system is an easy-to-use wallet tool. Dedicated to building the most easy-to-use wallet tool. Users can easily and securely send and receive digital assets, create and manage wallets, and import multiple types of wallets. It also supports easy transfer of digital assets, and flexible and convenient fund circulation.

The Whale Token wallet system supports multiple currencies and languages. It supports BTC, LTC, ETH, ETC, BCH and many other mainstream tokens. All tokens of



the Ethereum ERC20 protocol format are supported. Users no longer need to switch back and forth between multiple wallets, saving a lot of time and trouble.

2) Dapp app market

DAPP stands for Decentralized Application, which in Chinese is called distributed application/decentralized application. Generally speaking, different Dapps will adopt different underlying blockchain development platforms and consensus mechanisms, or they can release their own tokens (or they can use universal tokens based on the same blockchain platform).

The different underlying blockchain development platforms of DApps are like the IOS system and Android system of mobile phones, which are the underlying ecological environment of each DAPP. DAPP is a variety of distributed applications derived from the underlying blockchain platform ecology, and it is also the basic service provider in the blockchain world. Dapps are to blockchains what AP is to IOS and Android.

The Whale Token Dapp Marketplace is a global, peer-to-peer distributed application distribution system that aims to accelerate the rapid development of blockchain applications and bring all blockchain applications together. The principle is based on distributed storage and peer-to-peer network node transmission, which can make the download speed of DAPP faster, more secure, more robust and more durable. The Whale Token Dapp application market will first complete the development of the side chain based on the Ethereum public chain platform and complete the 1.0 application test of the Whale Token Dapp application market.

The applications developed based on Ethereum through the side chain can realize the Dapp accurate indexing system based on content search, the distributed application distribution system based on peer-to-peer transmission technology, the bounty system based on data, the mining system based on traffic, and the buyback destruction system based on downloads through the Whale Token Dapp application market.

3) Whale Token trading system

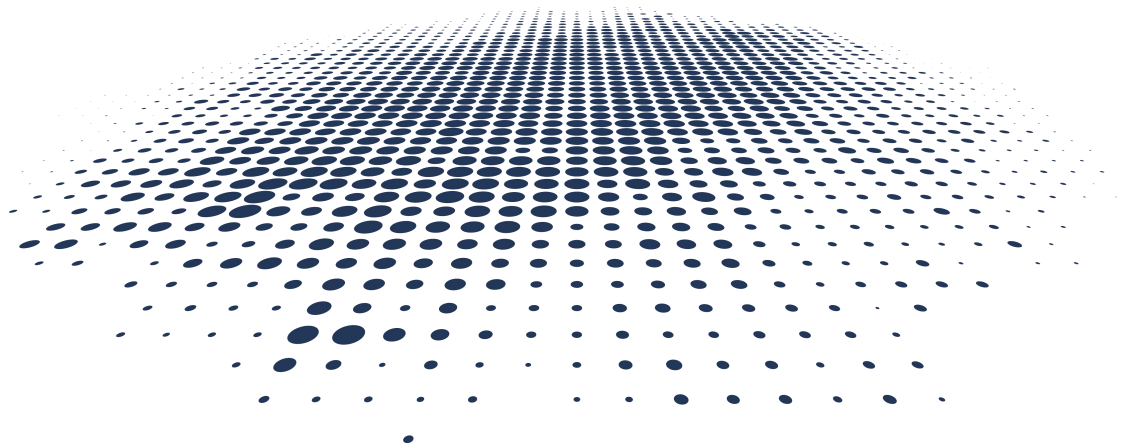
The essence of the Whale Token trading system model is a proxy trading model where proxy users trade cryptocurrencies on various aggregated exchanges. In the



whole process, users do not need to have accounts on other exchanges at the same time, only need to have accounts in the aggregate trading mode. The pain point of lack of trading depth is solved.

Global crypto asset users need to open an average of 5-6 accounts and trade more than 10 currencies. Due to the different currency prices, currency types, transaction costs, trading patterns and other factors of different exchanges, investors have to switch back and forth between exchanges. Once there is a sudden change in market conditions, the exchange may also have a network collapse, causing losses. Under the Whale Token trading system model, this situation will be effectively circumvented.

The Whale Token trading system integrates multiple exchanges, allowing users to sell at the highest price and buy at the lowest price to achieve the most profitable trades. In addition, users can quickly query the price difference of the same trading pair in different exchanges, and use the difference to arbitrage through the aggregate trading mode.



2.4 Platform value target

The society of the future will be a whole connected by blockchain. As the inevitable product of blockchain technology, Whale Token blockchain social uses the principle of decentralized design to reach a consensus of wealth, speech, innovation, network and even ideological progress: it relies on the wisdom of all people to realize the freedom of the whole human society, which is the core concept of Whale Token blockchain social. In this free community, everyone is its master, and the world will be truly free.



1) Freedom of wealth

The essence of wealth stems from a group's consensus of values in a given situation. So once blockchain technology solves the problem of trust between individuals. We will be able to create more autonomy. A free and democratic decentralized financial system that addresses the financial shocks of centralized dominance. For those of us in a dry centralized world, the privacy and security, value and domination of our property have always been passive. We don't have real control over the wealth that belongs to us, which leads to a host of social problems and conflicts.

Whale Token Blockchain social will redefine and distribute global wealth in a decentralized way. This is a major migration from a centralized wealth consensus to a decentralized wealth consensus. Whale Token is committed to providing more fair, equal and private wealth autonomy to each and every one of us and even every generation. It will achieve the ultimate wealth freedom for all mankind.

2) Freedom of speech

Freedom of expression is the most basic human right, a prerequisite for equal communication and consensus-building. However, in most countries of the world, this right of freedom is extremely small. On the surface, what we are losing is freedom of speech, but what we are losing is the right to engage in equal dialogue with centralized institutions. If the most basic rights of freedom cannot be guaranteed, then how can we express our demands for an ideal society and an ideal life?

Whale Token blockchain social will achieve complete freedom of speech. Through the unique anonymity technology, anyone can express opinions and convey ideas in a decentralized network through private chat, communicate safely and freely, or insert advertising content into each Whale Token user's wallet application through a bidding AD broadcast system, realizing the whole network broadcast. Information and its dissemination will break through the restrictions of centralized regulation, and people will truly understand the world.

3) Freedom to innovate

We cannot imagine how dead a world would be without innovation. Whether it is science or technology, products or ideas, innovation is like a catalyst that allows



all elements of society to organically integrate and operate, providing a continuous source of power for social development and human progress. Innovation also needs freedom. It thrives in an environment of freedom of speech, grows in an environment of freedom of production, and promotes social development in a free social environment.

The freedom of innovation brought by Whale Token blockchain socializing is a business innovation model that breaks regional restrictions. Where there are people, there is network, and where there is network, there is Whale Token blockchain social. Anyone can grow their business empire to every corner of the globe through Whale Token's smart contract technology.

The freedom of innovation brought about by Whale Token blockchain socializing is an innovative opportunity to break centralized monopolies. We no longer need to expect a free, centralized environment where power is guaranteed and innovation results are rewarded, because every trust issue can be easily solved within the Whale Token social decentralized network. Everyone will be able to innovate in a fair and autonomous environment. This is the result of universal consensus.

The freedom afforded by the Whale Token blockchain social can inspire everyone and usher them into the age of innovation. This era of universal progress will ultimately drive the rapid development of the whole world and society. It has been the best of times.

4) The freedom of the Internet

Internet has been called the greatest invention of mankind in the 20th century. It has changed the way the world exists, the way information is spread, and the way people communicate and even live. Through the Internet, we can see the whole world, we can say what we want, and we have more freedom than ever before.

But the fact is that the Internet is not as free as we think. It has never been free from centralized regulation and restrictions, and it safeguards the bottom line of vested interests. So to speak. Each of us lives in a more secretive surveillance state, where everything about us is completely public, analyzable, and monitorable to some people.

The advent of Whale Token blockchain social will solve these problems. It will



become a strategic network to defend Internet freedom in the era of Web3.0, porting the centralized Internet to the decentralized network. By hiding server information, a super deep web is built on the blockchain. This decentralized anonymous network ecology will work with people who yearn for freedom to break the restrictions of the centralized network and return the Internet to freedom.

5) Freedom of thought

The mind is the most powerful tool a human being has. It is a force, a source of eternal vitality, and the soul of the development of the whole society. Once the direction of social development deviates from the consensus of the majority of people, new ideas will emerge and guide people back to the right track of the development of human civilization. The emergence of decentralized ideas is an inevitable result of social development. It is like a good medicine, the interpretation of equality and freedom, which can make everyone clearly see the future development direction of human civilization, and bring unlimited possibilities.

We believe that the highest level of freedom is freedom of thought, and the decentralized thought brought by blockchain amplifies this freedom infinitely and provides the soil for it to grow. The world is a more creative place when thought is free. When the human mind is active, the culture is flourishing and the art is prolific, it is often the age of free thought. It encourages all mankind to think positively and actively participate in the process of social development, making contributions to the progress of human civilization and social development.

Whale Token hopes to build a consensus society with freedom of thought by realizing freedom of wealth, freedom of speech, freedom of innovation and freedom of the Internet. In the blockchain social ecosystem built by Whale Token, everyone can liberate their minds and regain their freedom of thought. Our minds, like the stars, shine upon us to achieve a self-governing, democratic and free society. Each of us has the power to create a brighter future consistent with our free will.



Chapter 3 : Whale Blockchain crypto social service Ecology

Whale Token blockchain social software, as the core of ecological applications, will completely change the existing instant messaging model and form a grand ecology that includes private social networking, decentralized exchange, market information, download center, community and wallet and other multi-functional modules.

Whale Token will provide one-stop anonymous chat and digital asset management services for users around the world. The platform Token Whale will be used as a barrier-free token on the Whale Token network, so as to connect online and offline, unite the huge social groups around the world, not only help the transformation and upgrading of traditional industries, but also leverage the real economy, accelerate circulation, and promote the regeneration of blood circulation in the real economy.

3.1 Platform function design

Whale Token blockchain social platform contains three core service systems, which are account system, message center and user value system.

1) Account system

Whale Token believes that every natural person will contain one or more identity attributes, which may be a person's occupation, hobby, virtual identity, etc. Therefore, in Whale Token, an account will correspond to one or more identity attributes. These attributes, in turn, are represented by identity cards. Users can maintain their cards according to their own characteristics and realize their own value in the ecosystem. Each account in the platform corresponds to a natural person by default. The platform will match each account with a unique digital



identity (including avatars, personally identifiable information, Face ID, etc.) and a digital wallet.

2) Set up business cards

The establishment of the business card of Whale Token blockchain social platform means that a certain identity attribute of a natural person is displayed through the business card. Users can customize and maintain their business cards according to the characteristics of their identity attributes, so that it is in harmony with their identity attributes. And when giving business cards, efficiently show others the style characteristics of their identity attributes.

3) Message Center

A message hub is a complex and massive system for an encrypted anonymous social ecosystem. It includes the transmission of information between users in the form of text, voice, picture, expression, location, video call, video call, etc. It also includes system messages, such as APP push, short message, in-station letter, email, etc.

4) Chat interface

Whale Token is very strict about user privacy. Whether it is a one-way chat message or a group chat message, once the message is sent, it will be translated and encrypted. If the address of the target node is known and online to ensure that it can be received by the recipient, the message will be directly sent and saved on the other terminal. Otherwise, the message will be temporarily stored in the P2P network in an encrypted form, and since the message is encrypted end-to-end, no other node can read the content of the forwarded message.

5) Address Book

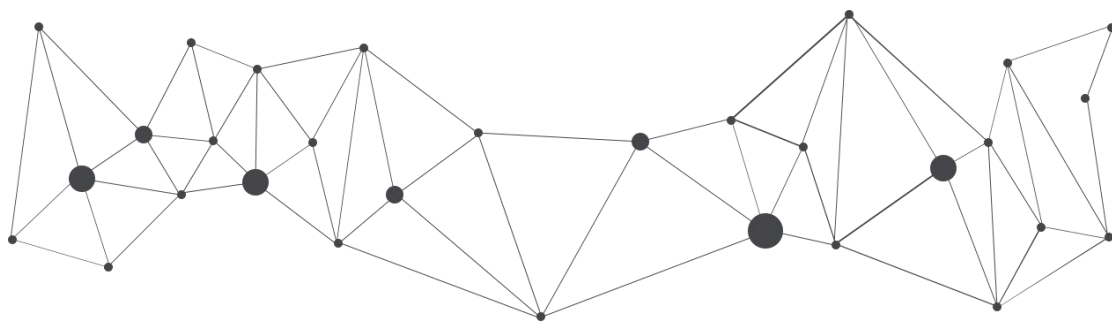
Whale Token's address book brings together a user's identity card. Users can add contacts to their address book by scanning codes, recommending names, searching nicknames, and even facial recognition.

6) User value system

The user value system is a very unique system in the Whale Token blockchain social ecosystem, which is different from other centralized product systems. Whale



Token has always believed that the content users produce on third-party platforms is valuable and should be rewarded with value. The term "third-party platforms" includes both offline and online content. In the case of authentication, Whale Token can summarize the user's identity value of all platforms and show it with the help of blockchain technology, solving the problem of cross-platform value consensus of users. Some Kols can also concentrate their followers on the Whale Token blockchain social software, which greatly avoids the problem of losing fans when migrating platforms.



3.2 Embedded payment system

Whale Token's embedded payment system provides globally accessible peer-to-peer payment services primarily based on wallets.

Whale Token blockchain social software wallet has powerful functions and is mainly developed based on blockchain information technology. It pursues the ultimate user experience, makes the payment environment safer, makes asset management more convenient, supports multi-currency and multi-language, improves API interface, and creates a safe and easy to use digital asset management tool and entry-level application. At the same time, it is simple and easy to operate, hundreds of stress tests, and powerful anti-theft technology to maximize the security of users' digital assets.

Whale Token wallet will provide users with a full range of asset security. During the use of the wallet, users can control the private key of the wallet, and every

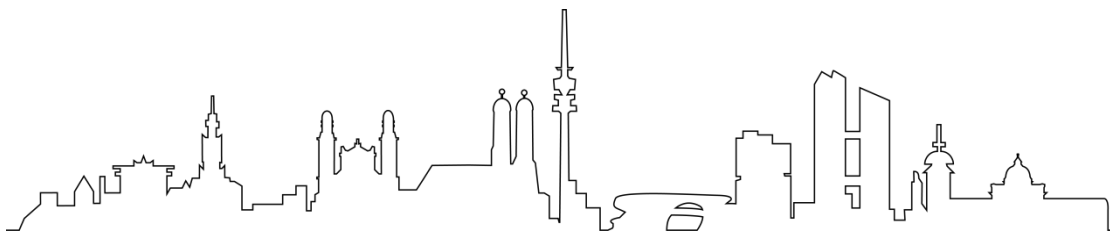


transaction is protected. At the same time, the wallet provides multi-signature technology, with verification codes, fingerprints, live and other verification methods, to escort asset transactions and protect users' digital assets in an all-round way.

The Whale Token wallet is an easy-to-use wallet tool. Dedicated to building the most easy-to-use wallet tool. Users can easily and securely send and receive digital assets, create and manage wallets, and import multiple types of wallets. It also supports easy transfer of digital assets, and flexible and convenient fund circulation.

In terms of consumer payments, the tokens issued by Whale Token will create a more efficient and convenient way for consumer payments. Ordinary consumers can use the Token to make consumer purchases, including online purchases and offline purchases in physical stores. It can also be used as a basic means of cross-border payments. So as to bring more benefits to themselves. When the Whale Token is connected with the global mainstream platform, consumers can enjoy a broader convenience of purchasing all kinds of global commodities brought by the Token.

In terms of versatility, the core technology of Whale Token can adapt to diversified business needs and meet the data sharing in the cross-enterprise business chain, which means that Whale Token has enough general and standard data recording methods and can represent various structured and unstructured information. And can meet the cross-chain requirements required with the expansion of business scope. This provides a value foundation for the versatility of Whale tokens. The Whale Token can be more easily circulated in various industries and scenarios around the world.





3.3 Game entertainment and business system

Whale Token continues to expand the application boundary and technical boundary of blockchain technology, so that ordinary Internet users can feel the value of blockchain technology. In the Whale Token system, point-to-point value transfer can be realized through the value transmission protocol, and according to this protocol, a decentralized industrial value circulation platform supporting multiple industries (games, entertainment, business ecology, etc.) can be built. The landing process of the physical business application scenarios connected by the Whale Token blockchain social software is as follows:

- Establish trust: Based on the blockchain digital encryption algorithm, establish a completely decentralized trust foundation;
- Design ecology: build consensus mechanism and design ecological model based on distributed computer nodes;
- Rule-making: rules and rewards and punishments are formulated based on smart contracts, and the system automatically executes rules;
- Issuing Token Whale: issuing ecological circulation coins through the Whale Token wallet app;
- Launch ecology: Whale Token circulation, access to all kinds of physical applications (games and entertainment, etc.), launch ecology.

Whale Token takes the wallet as the entry point of mobile payment, establishes the diversified ecosystem of Whale Token, and further introduces the entity industry on this basis, and establishes the blockchain digital currency ecosystem of "game + entertainment + business + entity".

Whale Token continues to optimize the processing capacity of big data, newly designed data cache layer and query service, and opens π net gateways in major countries around the world. Based on the powerful core blockchain technology, WHALE Token vigorously expands the practical application, and carries out technical, application and commercial cooperation with powerful enterprises. To establish a financial system integrating trading system, exchange system and



payment system with "game + entertainment + business + entity" as the center and radiating the world.

3.4 Data security system

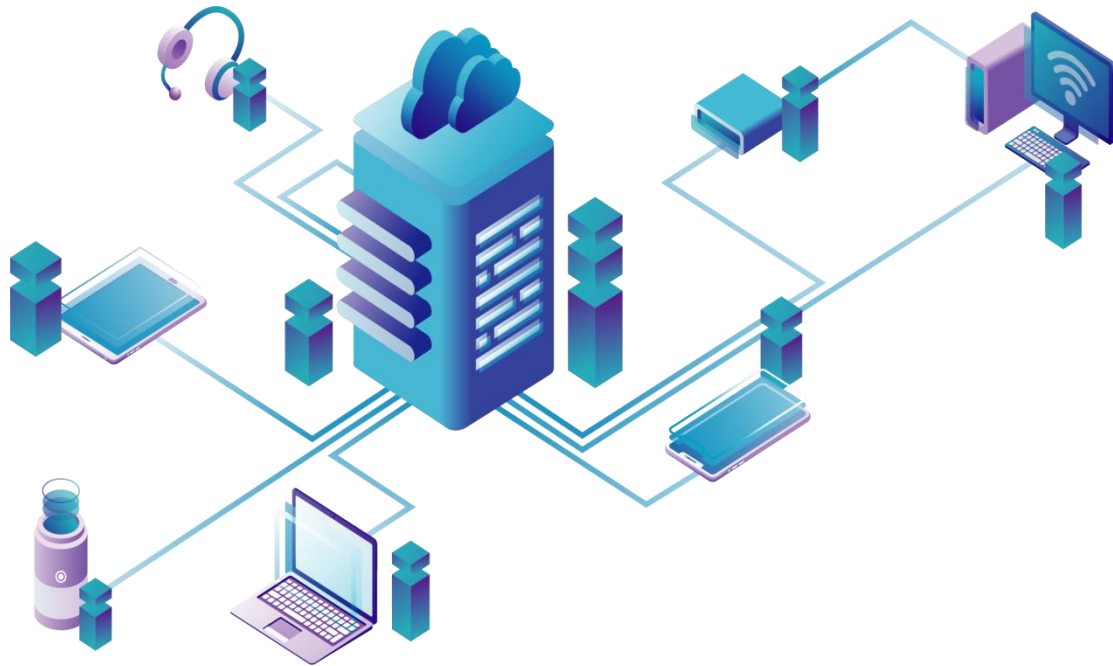
Whale Token also has a huge space in the field of data security, relying on the encrypted data transmission of Whale Token, to provide the underlying protection for data security, and to provide data trading services after desensitization. Whale Token data trading will be an important basis for the circulation of tokens on the platform. On this platform, device manufacturers can establish channels to collect data, sell data, and add beneficial functions of devices to attract more users to buy. Device users can provide personal data to gain revenue through this channel; Data buyers, such as advertisers, can also use the platform to precisely target users, obtain user profile data, and efficiently reach the purpose of dissemination at a lower price.

Whale Token data trading will consist of the following two modules:

- Smart adaptive advertising, a breakthrough service model based on the Internet of Things and AI era, focuses on solving the problems of centralized advertising communication and delivery. First of all, it can allow advertisers to directly place advertisements in front of users in the mode of eliminating middlemen. Secondly, advertisers have become very efficient in the screening of target users.
- Data trading centers, built to meet the needs of The Times. The development of the Internet is becoming more and more mature, and the requirements for data are becoming higher and wider, and a large number of devices just provide multi-dimensional and continuous data perception for various applications of deep learning training. For example, environmental information, behavioral information, voice information, action information, traffic information, image information and so on. Whale Token just meets the needs of this complicated data network. Whale Token's token settlement system provides profit motive for the exchange and sharing of this data, and the decentralized ledger that defines the value of consumer data through free transactions, ensures the unmodifiability and Traceability of data,



ensuring the authenticity and reliability of user data. At the same time, users can also choose to trade these desensitized data independently and get benefits, which solves the problem of no revenue for user data in traditional social platforms.



3.5 Encrypted Data Storage

With the support of edge computing and distributed storage, Whale Token will realize encrypted data storage at the following four levels: data security, identity authentication, privacy protection, and access control.

1) Data security

The main contents of data include data confidentiality and secure sharing, integrity audit and searchable encryption. The data generated by the terminal is



stored in a third party, resulting in the separation of ownership and use rights of the data. Data loss, data leakage, illegal data operations (copying, publishing, dissemination) and other problems occur frequently, and data security cannot be guaranteed.

2) Identity authentication

Below is a mobile phone edge computing blockchain network diagram, near the data end, there is a private network with blockchain, which can be regarded as a single domain. At the edge nodes, there are edge computing devices such as WIFI and WLAN, which are cross-domain networks for private blockchain networks.

3) Privacy protection

Decentralized distributed authentication mechanism, using blockchain technology, each device can generate its own unique address (hash element value) based on the public key, so that it can send and receive encrypted messages with other terminals, and achieve data privacy protection, location privacy protection and identity privacy protection.

4) Access control

Most of the traditional access control schemes assume that the user and the functional entity are in the same trust domain, which is not suitable for the authorization infrastructure based on multiple trust domains in edge computing. Therefore, the access control system in the edge computing of Whale Token system should be applicable to the multi-entity access control between different trust domains in principle, and various factors such as geographical location and resource ownership should also be considered.

3.6 Encrypted video instant messaging

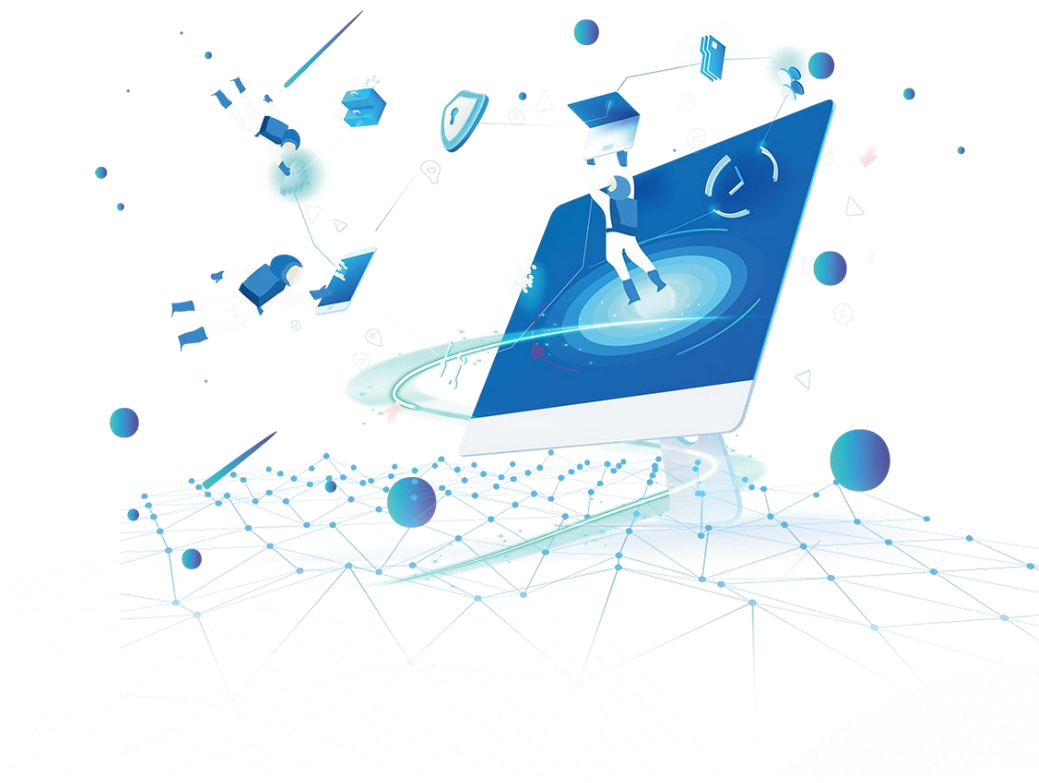
Based on the main chain, Whale Token can build one-to-one encrypted video instant messaging within the platform. Its most prominent features are decentralization, P2P network, distributed ledger, time stamp, transparent and immutable information, etc. By being content-oriented, whale Token attracts users to actively participate in the platform, such as community chat, video conference,



live interaction, and topic establishment.

In the one-to-one video instant messaging, users can speak freely and not be affected by the platform. Based on the peer-to-peer communication method, the decentralized network structure has immutable characteristics, which can re-establish the credit system between people when applied to social platforms.

For example, in the one-to-one video dating scene. Male users are paid to socialize and pay a certain fee to the video/voice companion. There are pay-per-minute and pay-per-tip payment models. At the same time, there will be additional value-added services such as other discounts and privileges when opening VIP. In this way, the value transfer of one-to-one video instant messaging can be realized. At the same time, the encryption technology based on Whale Token can ensure the security of one-to-one video instant messaging data transmission. The encryption technology is the distinctive feature of Whale Token. Whale Token can encrypt the user's private information that needs to be kept secret, ensuring that the information is only transmitted or shared between specific users.





chapter 4: underlying technical system of Whale Token

4.1 System infrastructure

Whale Token system includes Rich Communication Service (RCS), which can provide one-to-one conversation, group conversation, Internet phone, video phone, intercom, content sharing, file transfer and other services. Using the Whale Token platform RCS can build a powerful message communication application, similar to WhatsApp, and they are interoperable. It uses Double Ratchet algorithm to perform end-to-end encryption, X3DH algorithm to manage and exchange keys, and AES 256 algorithm to encrypt data. In addition, the platform also has VPN, Streaming, VoIP, IoT, storage, DNS, billing and other services.

The proxy coverage network based on Whale Token includes proxy server groups and relay server groups. Individual servers can act as both proxies and relay servers. The Whale Token platform proxy service protects users' online security and anonymity and provides anti-blocking capabilities.

Whale Token Streaming services include streaming media and live streaming services. Video can be distributed to users through a CDN. The CDN based on the Whale Token platform network is lower cost than traditional CDN services, and it can greatly reduce bandwidth consumption for developers.

The Whale Token VoIP service offers lower prices and better sound quality. The Whale Token platform offers PSTN telephony service, which allows users to make calls to their mobile phones over the Internet.

The Whale Token IoT service provides a standard communication protocol for the interconnection of IoT devices. It provides an SDK for IoT devices to convert their proprietary protocols into standard ones. The Whale Token platform supports a range of IoT device-related services, including registration, discovery, remote calling, settlement, and payments.

The Whale Token provides a decentralized file storage service. Similar to



decentralized Amazon AWS S3. Files are stored in shards and cryptographically on Whale Token, and each shard is stored into multiple nodes ensuring that the data is secure and reliable. Any server or computer with free storage space and bandwidth can join the Whale Token as a node to provide storage services and receive the Token revenue from the Whale Token platform.

The Whale Token DNS service provides a decentralized domain name system service. Nodes, accounts, smart contracts and Dapps are named without the need for a middleman. Each user has a separate name, similar to an Email address or phone number.

In the Whale Token platform billing service, business data is processed, booked and settled in a three-tier ledger. Payments are settled on the main chain. Multi-service transactions can be aggregated and written to the server chain as a single record. The service log is generated by an off-chain processor and stored in the service log store. The billing service of the Whale Token platform allows Dapps to generate detailed billing information, similar to an invoice.

In order to construct the billing statement, the Whale Token platform billing service first locates the service transaction records that are aggregated along the service chain, and then searches the service log storage database to obtain the corresponding data. The service fee of the Whale Token is paid to the node by the DApp. When a user requests a VPN service, the fee is paid not by the user to the proxy server, but by the DApp, which can then use the smart contract to charge the end user.

4.2 Decentralized cloud communications

Whale Token builds a decentralized open communication network. The platform will provide apis and SDKS to help DApp developers build messaging services. For example, messaging apps like Telegram, VoIP services like Skype, and streaming apps don't require developers to build their own messaging stacks and networks. As a decentralized network, the Whale Token messaging system is owned by no one, protecting user privacy and preventing data leaks. End-to-end encryption ensures that no one can intercept the messages.



Whale Token-based apps enable low-cost, secure, high-quality communication services through apis and SDKS. All Whale Token-based apps are interoperable. For Whale Token, the goal is clear, to become the network infrastructure for communication and social applications in the web3.0 era. The world's top encrypted communication tool supported by Whale Token can chat like wechat, but also can store various files, transfer industry information, and make information generate higher value.

The world's top encrypted communication tool supported by Whale Token platform is a decentralized communication service ecosystem with miners, App developers, users and foundations. In essence, it builds a decentralized marketplace between app developers and miners of messaging services. The miners provide bandwidth, computing power, storage, and transaction verification services, while the app developers pay tokens in return. This activates the miner market, takes full advantage of P2P, and gives developers access to lower cost and more secure services. At the same time, more critically, decentralized DApp communication services, privacy protection, contribution incentives, better user experience, can meet the needs of a considerable scale of users.

Therefore, the Whale Token platform blockchain network provides developers with apis and SDKS to quickly build and deploy communication applications. The Whale Token blockchain network provides tools that allow small teams to build full-featured apps like WhatsApp at a lower cost, allowing developers to focus on business operations. .

4.3 Distributed Storage System

In a distributed storage system, data is distributed and stored on multiple independent devices. Traditional network storage systems use centralized storage servers to store all data. Storage servers become the bottleneck of system performance and the focus of reliability and security, which cannot meet the needs of large-scale storage applications.

Distributed network storage system adopts scalable system structure, uses multiple storage servers to share storage load, uses location server to locate storage information, it not only improves the reliability, availability and access efficiency of the system, but also easy to expand.



Distributed storage systems often face the problem of balanced data distribution and expansion. Whale Token proposes a dynamic expansion strategy based on access probability to address the shortcomings of existing consistent hash dynamic expansion algorithms.

Based on the idea of high access probability of hot data, this strategy improves the allocation method of virtual nodes in the original algorithm, and can effectively improve the problems of request hit rate decrease and load balancing caused by capacity expansion. The experimental results show that the improved strategy can effectively optimize the system performance and shorten the time for the system to reach the new load balance state when new storage nodes are added to the system.

4.4 Dynamic cloud expansion technology

Social short video or live broadcast, especially in the release of new financial products or special festivals and other scenes, the number of users pouring into the live broadcast room will be very large, which is a challenge for the platform, as well as for the instant high concurrency of the live broadcast room.

Whale Token social system adopts the technology of dynamic cloud expansion, which can ensure the steady and normal operation of the live broadcast room even if a huge number of users flood into it.

The whole architecture of Whale Token dynamic cloud expansion is divided into 2 parts:

- Web Application: Simulate a process of social content updating and data processing, Web users forward the request through API gateway to function computing for processing, function computing updates the processed content to the database and updates the index, and another function computing provides the search engine pushing the index update to external customers for retrieval, completing the whole data closed-loop processing.
- Smart device: the device status is pushed to the function calculation processing through the IoT gateway, and the function calculation pushes the message to the mobile terminal through the mobile push service through the API interface for status confirmation and management.



4.5 Intelligent algorithm for volumetric distribution

In the content distribution scenario of Whale Token social system, behind the convenience brought to users is the innovation of recommendation algorithm.

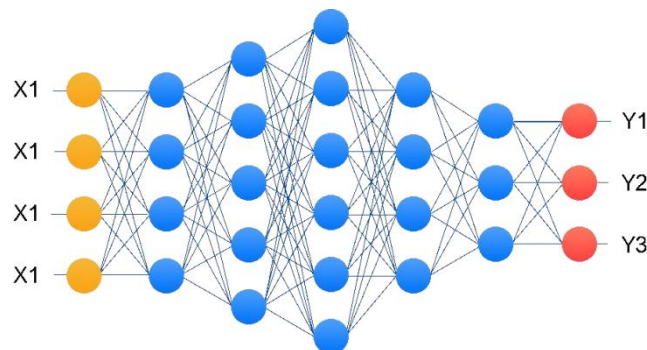
1) Regression algorithm

The essence of regression algorithm in machine learning is to give a hypothesized function model through the collection of sample data, and this function contains unknown parameters. The process of machine learning is to solve the equation or find the best solution. After the verification is passed, the function can be used to predict and test new data. Among them, the most commonly used and the most basic regression algorithm is linear regression.

$$L(y^{(i)}, h(x^{(i)})) = (y^{(i)} - h(x^{(i)}))^2$$

2) Neural network

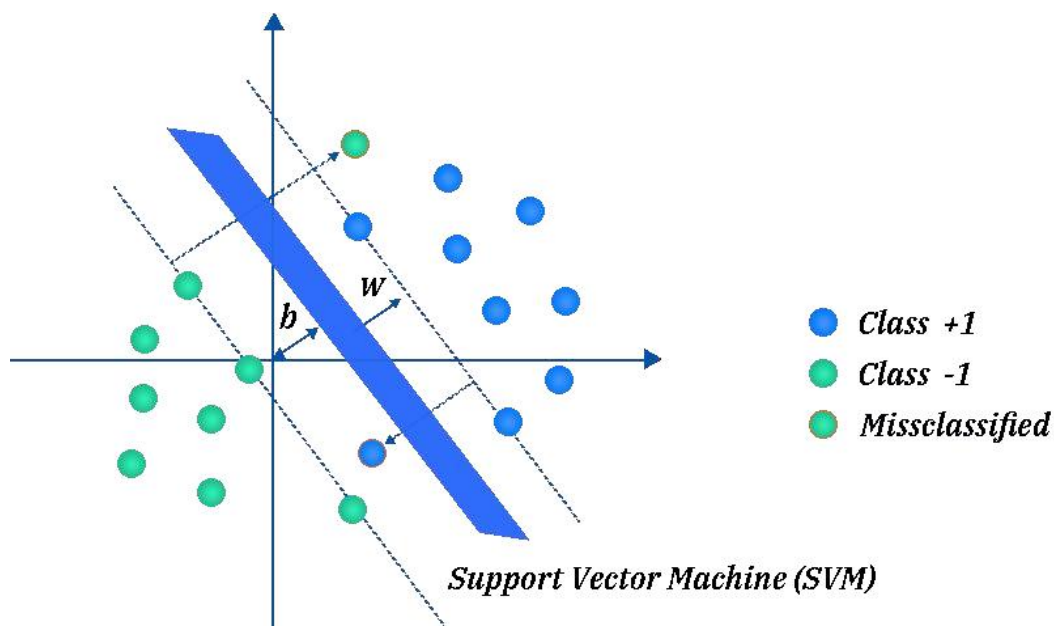
Neural network algorithms mimic computational models of the human brain. In this model, the neuron receives input signals transmitted from n other neurons, propagates through weighted connections, the total input value received by the neuron is compared with the neuron's threshold, and then the input signal is processed by an "activation function" to produce this neuron output.





3) Support vector machine

support vector machines are binary classification models whose purpose is to find a hyperplane to segment a sample on the principle of maximizing the interval, which ultimately translates into a convex quadratic programming problem to solve.



Simple to complex models include:

- Learning a linearly separable support vector machine by maximizing the hard interval when the training sample is linearly separable;
- When the training sample is approximately linearly separable, a linear support vector machine is learned by maximizing the soft interval;
- When the training sample is linearly non-separable, learn a nonlinear support vector machine by kernel tricks and soft interval maximization.

4.6 Web3.0 decentralized collaboration



The technology of the Internet is changing with each passing day, the Internet continues to penetrate into people's lives, and enters the Web3.0 era, which changes the data structure of the Internet backend and introduces the common state layer, so as to motivate network participants through tokens. Web3.0 will completely change the way of value exchange and completely change the Internet form of people's life. Web3.0 makes all online citizens no longer limited by the accumulation of existing resources, and have a more equal opportunity to acquire wealth and reputation. Therefore, Whale Token drives the establishment of Web3.0 decentralized collaborative system.

1) Data interworking system

Whale Token Web3.0 decentralized collaboration has the characteristics of strong data consistency, which makes it possible for most business participants in business processes to participate in the system as data sources. Different from traditional solutions, the data uploaded by participants of Whale Token system will be recorded in the "ledger" jointly owned by all parties in a system after being verified by consensus mechanism, eliminating the link of mutual reconciliation and confirmation of data from "respective ledger" of different parties, which greatly improves the efficiency of summarizing and integrating fragmented data. It makes it possible to systematize the data of the whole process. For regulators, it will greatly enrich the information entry in the supervision process, and solve the current problem of a single entry, regulatory information needs to be passed layer by layer, and regulatory agencies are far from the source of information. And on the basis of obtaining additional information sources, the current "point" -based regulatory thinking will be considered, and other more effective regulatory models will be explored.

The Whale Token privacy scheme solves the contradiction between data security and data sharing. The cryptographic features of the Whale Token enable it to provide a wealth of privacy solutions, such as information encryption and decryption authorization and zero-knowledge proof. Compared to traditional database solutions, Whale Token provides a technical solution to the long-standing conflict between the privacy and confidentiality of business data and the shared value of business data. The Whale Token encryption and decryption authorization scheme ensures that all data is encrypted and uploaded by its owner, and the decryption permission can only be authorized to its approved participants; The zero-knowledge proof scheme can further realize the verification and judgment of part of the information on the chain under the premise that the third party does



not need to decrypt the ciphertext on the chain and the data owner does not disclose sensitive information, make full use of the value brought by business data sharing, and improve the efficiency of the whole process.

2) De-trust mechanism

Whale Token Web3.0 decentralized collaboration provides a trustless mechanism that does not rely on the authentication and credit endorsement of the authority, but only needs to trust the algorithm jointly recognized by the participants in Whale Token. Through technical means, the trust network is established among machines, which changes the way of traditional business credit creation. The Whale Token chain structure is immutable and the information record can be traced, so that all the data successfully linked through consensus verification can not be modified by the will of individual participants without the knowledge of other participants. Even if the information passes through layers, the business participants can still efficiently verify the authenticity of the data through the Whale Token system, effectively replacing the traditional paper documents, handwritten signatures and other relatively easy to forge, and at the same time, it is more in line with the needs of the digital trend.

Whale Token Web3.0 decentralized collaboration also provides identity authentication and cross-verification of information. Although the increase of data providers can enrich the data sources of participants and regulators and reduce the intermediate links of data transmission, it also poses new challenges to the authentication and data verification of participants. The introduction of Whale Token identity authentication and information cross-verification can not only solve this problem, but also, by combining with smart contracts, automatically identify the differences in the information uploaded by all parties and trigger early warnings, turning passive detection into active attack, eliminating fraud risk at the source and further improving supervision efficiency.

3) Process coordination

As mentioned above, Whale Token has the characteristics of strong data consistency, which enables the Whale Token system to cover all the participants in the cross-border business process, open up the social data flow, and provide the most important foundation for the deep cooperation among the participants. In addition, the application of smart contracts is introduced into part of the standardization process to automatically trigger the execution of subsequent



related business when the preceding data meets the conditions, which not only improves the degree of automation and efficiency, but also avoids the risk of credit fraud and operation to a certain extent. For the establishment of social interaction between users and participants, and between participants and regulators, And even the cooperation and communication mechanism within the ecosystem have a very broad application scenario.

4) Decentralized networks

For complex reasons from business and politics, a social business system cannot necessarily become a centralized platform initiated, owned, and managed by a single participant. Whale Token, on the other hand, has the ability to build a weakly centralized system jointly built by participants by virtue of its technical features such as web3.0 protocol, distributed data structure and data encryption processing. Whale Token is not just a single platform, but a system that can attract "heavyweight" parties to join and has some interoperability.

In terms of the operation and management of the Whale Token system, the network adopts the mode that participants participate in recording information and verify the on-chain information through the consensus mechanism. Due to the distributed data structure of the blockchain, the stability and functionality of the Whale Token will not be affected by the default, loss or loss of connection of individual participants. And some necessary operational work, such as the access of alliance chain participants and the update and adjustment of consensus mechanism, can also learn from the committee model adopted by some blockchain networks that have been put into production, and the necessary, transparent and non-specific data flow management can be carried out by third-party organizations.

In Whale Token Web3.0 decentralized collaboration, all data on the system shall be encrypted and uploaded in terms of data ownership and use right, and the data owner shall have the right to decrypt and authorize other participants. Combined with the use of zero-knowledge proof technology, while maximizing data value through data sharing, optimizing social convenience and regulatory efficiency, it ensures the ownership and corresponding interests of data owners, so as to encourage more participants of social business to join the Whale Token decentralized network.



Chapter 5: Token economics of Whale Token

5.1 Whale Token issuance and distribution

Unlike the vast majority of blockchain projects that are still in the talk and concept stage, the biggest feature of the Whale Token blockchain social platform is that it has been planned to gradually land. The platform Token Whale Token (Whale for short) is also about to be used.

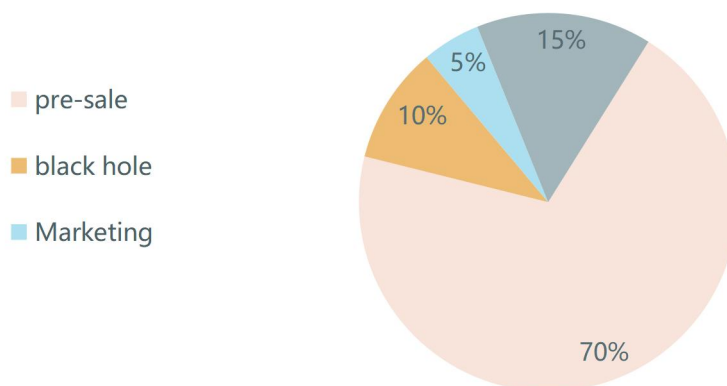
Total supply of tokens: 1,000,000,000,000

Contract address: 0x14942281e05e5560E020B2458AC58DAB10229fca

Token allocation:

- 70% pre-sale
- 10% black hole
- 5% Marketing
- 15% ecological circulation

Whale Token Allocartion Plan





Mechanism: Buying sliding point 6%

2% enters the flow pool

2% Marketing

2% Dividend USDT

Selling Slide 11%

5% enters the flow pool

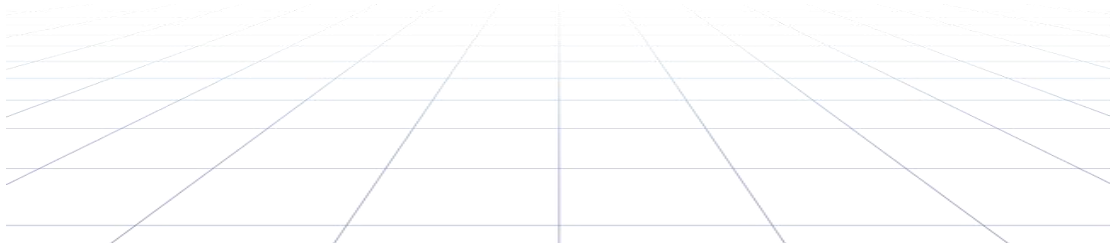
3% Marketing

2% Dividend USDT

1% Destruction

Overall, Whale tokens are logically related to the underlying value, incentives, governance, and security of the Whale Token platform, which reflects the value characteristics of Whale.

- From the perspective of value, Whale embodies the carrier of "trust value" and "consensus value";
- From the perspective of motivation, Whale is an economic reward that motivates the "bookkeepers" in the network to participate;
- From the perspective of governance, Whale is the certificate of equity to participate in the Whale Token network;
- From the perspective of security, the existence of value incentives enhances the network security of Whale Token.





5.2 Presentation of Whale value

In the early stage, Whale Token will attract more fans' attention to the Whale Token project by giving away the platform equity token Whale. In the ecology of Whale Token project, users who hold Whale tokens can enjoy a series of rights and interests such as token appreciation, fee deduction, asset appreciation, income rebate, supervision, voting, holding and interest yield. The Whale Token project rewards Whale tokens to users who contribute to the system liquidity through various incentives. At the same time, it will reward the users of the Whale Token project through the incentive mechanism, and enjoy the rights and interests of the Whale Token community by holding Whale tokens.

At the beginning of the launch of the Whale exchange, it will publicize registration and coin delivery activities, partner recruitment activities and transaction fee reduction activities through multiple channels such as kol, media news and community leaders, and actively build the operation and construction of the community. Through community management, all-round community promotion activities, lottery, Q&A and gift giving activities, etc., the community evangelists and new people will see the determination of Whale Token as a head service provider.

The ultimate vision of Whale is to realize the anonymity of the full range of value systems such as payment, communication, trading, and assets, break through various key technologies of value transmission network, build a global value Internet, and provide a basic network for various value transmission applications.

With the support of Whale Token ecological application, through the Whale ecological model and mining mechanism, the corresponding token is generated, and the incentive and circulation are realized within this value system; The token mechanism is introduced into the incentive layer to achieve the purpose of flexible consensus mechanism for public chain. By encouraging the community to maintain public chain and develop DApp applications on public chain, the value of Whale is added and the network effect is promoted. In the future, in the Whale Token application ecosystem, Whale will be used for:

- Encourage the majority of users to participate in the Whale Token network for asset trading, obtain transaction fees and notarization fees, and jointly



- maintain the security of the Whale Token network; Reward transaction nodes and notary nodes to support mining;
- As a measure of equity, it supports all kinds of consensus in the early stage to realize the original consensus system of Whale Token;
 - Support Whale Token ecosystem to realize advanced smart contracts, avoid "logic bomb" contract execution to disrupt network performance, and provide anti-fraud mechanism;
 - Give full play to the basic currency function of the Whale Token ecosystem to provide the Token characteristics and asset liquidity basis of the public chain DApp sub-currencies;
 - Serve as the custodian object to achieve product management of Whale Token DApp and improve the visibility and exposure of DApp.

5.3 Application planning of the project

With the continuous appreciation of Whale Token, the Whale Token platform will also achieve continuous ecological prosperity through iterations of version 1.0 to 3.0.

Whale Token 1.0

- Application functions: advertising, blockchain news, password lock to achieve privacy and security functions, through the display of application functions to attract more users to participate in the platform;
- Wallet payment function: internal transfer, red envelope function, tipping and community payment, etc. Realize the circulation, transaction and value transfer of assets within the platform.

Whale Token 2.0

- Game entertainment: Build Whale's own game application and entertainment ecosystem based on the massive user base of social gathering in 1.0. The



games built into the Whale Token social platform will help the platform complete the value closure from social, to games, to entertainment life.

- Commercial application: Improve the integration of commercial application functions including cross-border/commercial payment, social networking/e-commerce shopping, education and learning, content creation, advertising, data services, news and public services with the main functions of the platform, continue to improve the platform's commercial service system, and create more value for institutional partners and users.
- Financial products: financial pledge and lending functions. By introducing DeFi pledge lending model, the functions of financial pledge and lending are realized. For example, in the Whale pledge lending agreement, the user realizes continuous financing through the risk classification of the pledged object. After the platform provides the initial liquidity, the market maker locks the LP Token as collateral in the Whale agreement, thus obtaining continuous liquidity buying orders. At the same time, as a high-value token, Whale can also realize interest yield by holding coins, borrow a variety of mainstream tokens by pledging local currencies, or realize continuous returns by pledging local currencies to market makers.
- NFT Mall: Exclusive rare avatar (enjoy certain privileges: official certification, advertising discounts, special community membership features); Famous brands, celebrities, young models co-signed art (Whale Token purchase); NFT blind box (rare, co-branded avatar or artwork can be drawn, and Whale Token can be traded in the market); NFT Creator Bazaar (creators can sell Whale tokens at the mall); And auction houses (where rare NFT can be auctioned).

☑ Whale Token 3.0

- Develop the backbone and deploy cryptocurrencies (transactions are not traceable);
- Social metaverse: including Whale users' self-created characters (different independent individuals), various brand merchants settling in, land transactions, residential transactions, party social, adventure, life, concert, etc.



Based on social groups, create a world where art can be freely traded, and find like-minded partners or friends in the meta-universe.

5.4 Whale DAO Model

DAO (DAO) means a Decentralized Autonomous Organization. It was first proposed by Vitalik Buterin, founder of Ethereum. The first DAO project was The DAO (Decentralized Foundation). To invest in potential Ethereum projects).

Simple to understand, the DAO needs to fulfill three characteristics: decentralization, autonomy, and organization. Decentralization means that DAO needs to be structured on the public blockchain, from the technical level to avoid the centralized power concentration, brought by the monopoly and absolute right to speak. Autonomy means that the development of the project and the formulation of rules are completely controlled by community members. The members of the community can initiate a proposal for something, and once the vote is passed, the proposal will be automatically enforced, and all members will have the power to govern the project. An organization is a social group where the DAO does not need to be run by a company or agency, but where people come together by community consensus and work towards a common goal.

One of the biggest benefits of DAOs is decentralized governance. The combination of DAO and DeFi concepts can create more valuable projects. DeFi, like DAO, has the characteristics of decentralization. At the same time, many issues such as liquidity mining decisions and fees in DeFi require frequent consultation with community members, when DAO will be used as a means of governance.

On the way of DeFi+DAO integration, the design of Whale Token is full of innovation and highlights. From the governance of a single capital pool, to the governance of sub-protocols, and to the governance of the entire project ecology, Whale Token integrates DAO elements into every corner of the ecology.

1) Whale DAO

Whale Token is a fully autonomous community-led project that achieves



complete decentralization and a high degree of community consensus under the DAO's leadership. The new decentralized autonomous organization initiated by Whale Token belongs to the category of dedicated DAO, where the community has a strong consensus and 100% community self-management. After the project goes live, the community will vote to develop its own decentralized apps and Dapps.

Whale DAO's global community building follows a high degree of decentralization, carried out through a combined on-chain and off-chain model. Once Whale DAO was fully programmed, it was able to operate according to the original rules. In the process of operation, it can also continuously maintain and upgrade itself according to the actual situation. Through the continuous self-improvement mechanism, it not only eliminates the trust problem, but also achieves an unprecedented level of collective coordination, thus forming the technical basis of Whale DAO.

- Smart contracts enable the technical implementation of the Whale DAO's rules;
- the Whale token economic model gives the benefit distribution of Whale DAO a realistic incentive basis;

The blockchain itself connects individuals or organizations around the world, allowing Whale DAO to expand beyond geographical limits.

Whale tokens are used as proof of value circulation and incentives, and smart contracts are used to determine member collaboration and benefit distribution patterns. There is no clear identity division among members, such as investors, developers, collaborators, operators, consumers, etc., all of whom become part of the community by holding tokens. Through continuous optimization of the contract structure, members can constantly seek the shortest path to maintain efficient collaboration and better development direction.

2) The value of Whale DAO

As a decentralized autonomous organization, Whale DAO is a technical tool written in code and run on the blockchain. It is also a new type of governance institution that can realize open and fair, uninterfered and autonomous operation, and has no legal entity.



- Maximize the use of resources: Whale DAO stores everything in a decentralized storage network, which is open, transparent and immutable. Anyone can review the rule changes of the project and schedule resources in time without consuming time due to review.
- Achieve innovative development: People on Whale DAO can put forward their opinions on the blockchain at any time and be seen by others. Users can participate in the development of Whale DAO in a more convenient and timely manner, and promote the innovative development of the project.
- Improve the credibility of the results: The use of Whale DAO distributed ledger will make every vote of voters truly and openly recorded on the blockchain, and there is no need for manual counting to produce election results, which is timely and reliable.

Whale DAO will be the core driving force for the ecological governance and development of Whale Token. Whale Token hopes to stimulate the subjective initiative of the community in a democratic, collaborative and transparent way, mobilize the high-quality resources of the community, and promote the construction of a decentralized and positively driven DA autonomous system. At the same time, Whale DAO Management Committee has been established to take charge of the promotion of various affairs of Whale DAO.

Members of the Whale DAO Management Committee can not only contribute to the development of Whale Token, but also gain additional profit through the implementation of the proposal. Whale DAO Management committee has no hierarchical structure, all members are equal and have the same interest goals. Only by jointly promoting the value growth of Whale Token ecosystem can it meet the interests of all members and form a virtuous circle of Whale Token governance ecosystem.



Chapter 6: Global team and landing resources

6.1 Global Team

The Whale Token team has extensive experience in the fields of anonymous social networking, encrypted communication and blockchain technology application. Over the years, Whale Token has built diversified and expressive Web applications under the blockchain cryptographic social open source framework, and can run consistently across all major browsers and operating systems.

In addition, with the development of blockchain technology, Whale team, as the earliest alliance organization to enter the distributed network application, has also brought together a large number of talents in the field of blockchain and technical segmentation. And lead the research and development and landing application of Whale Token project.

Adrian is a senior advisor at MIT

C language expert, blockchain technology expert, long-term research on the application of blockchain technology in the financial sector. He has carried out cross-platform transplantation of mining algorithms for Bitcoin, ETH and other virtual currencies and the development and management of mining machine software. He has rich experience in the technical architecture of virtual digital currency wallet and virtual digital exchange.

Stanford -- Senior programmer

Graduated from California Institute of Technology, senior expert in blockchain technology application, expert in encryption social application. He has rich experience in big data parallel computing and distributed algorithm optimization, and has in-depth research in blockchain, cryptography and data mining.



Theobald—Graduated from Harvard University

Specializes in intelligent voice technology, social network and traceability technology, Python, application development. In the field of intelligent interaction, he has more than 100 professional works, more than 80 core patents, and he is also the author of a number of international standards. Cedric Dr. Doctor provides overall consulting services for the project and provides strategic support to help the project to realize the implementation of Whale Token application.

Giles—Technical developer

Master of Computer science from Harvard University, Python language expert, blockchain technology engineer. Its research involves data mining, artificial intelligence and algorithm optimization. Responsible for the construction and optimization of the project.

Hubery—Program developer

Senior engineer of blockchain technology application, with senior development experience in the field of private social networks. With 15 years of Internet industry experience, proficient in a variety of computer languages, good at long and massive high concurrency usable architecture design, with rich experience in research and development management.

Jonny Wong—Graduated from Hong Kong University

Good at blockchain and encrypted communication technology, and pay long-term attention to the application of blockchain technology. Proficient in the principles and implementation of mainstream blockchain technologies such as Bitcoin, Ethereum and HyperLedger, and have a deep understanding and rich practice of blockchain consensus mechanism, smart contract, cross-chain technology, side chain technology, privacy protection, etc.



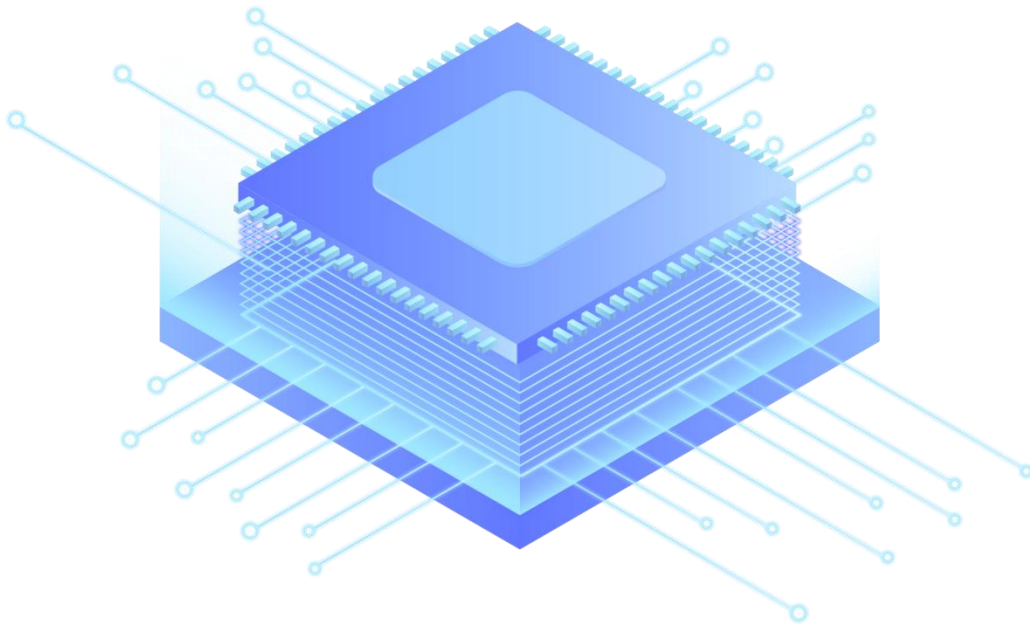
6.2 Project landing resource support

Whale Token is driving the era of high-value returns with the support of strong technology, resources, governance, and community. Thanks to the advantages of sustainable development and innovative technology, extensive commercial applications, and fine governance, Whale Token business value logic and support are competitive in the following aspects:

- **Technology:** Whale Token has very mature and strong technical support, has accumulated rich industry and technical experience in many fields such as blockchain, artificial intelligence, digital asset trading, social networking, metaverse, and financial technology, and has made industry-leading breakthroughs in the development and application of the underlying technology of blockchain. The Whale Token team perfectly brings together senior people from multiple industries, years of practical operating experience, and deep insights into the development of the industry.
- **Industry resources:** Whale Token will sign strategic cooperation agreements with top leading enterprises in the target industry, which will provide strong support for Whale Token to enter the target industry, so as to truly promote the actual landing of the project application.
- **Business governance:** Unlike other projects, Whale Token has a clear and defined strategic plan for the target industry and continues to enable free, fair and high-value ecological prosperity in an autonomous community model. Whale Token is more focused and professional with the distributed decentralization, immutable and cryptographic security of blockchain technology and the characteristics of peer-to-peer value transmission, to penetrate the target industry and quickly gain market share.
- **Fund management:** Under the leadership of Whale DAO, the fund management of Whale Token will strictly abide by the principles of fairness, justice and openness, and with the development of Whale Token as the primary purpose, an investor protection fund will be established to keep and ensure the security and sustainability of the fund. The use of all Whale Token funds will be disclosed to all investors on a regular basis to ensure that the use of funds is public.



- Space for growth: Whale Token's target industry is the trillion-dollar market. The development team has developed a sound governance structure to effectively manage matters such as general procedures, code management, financial management, compensation management and privileged operating areas to ensure sustainable development.





Chapter 7: Disclaimer

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You will voluntarily bear the costs and ensure compliance with all legal, regulatory requirements and restrictions applicable to you (as the case may be);



You acknowledge, understand and agree that the Token may have no value, is not guaranteed and does not represent any value and liquidity properties, and may not be used to make speculative related investments;

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