



VJY

Web3 intelligent application platform and industry infrastructure

VJY DAO

Preface

The driving force behind technological advancement lies in boosting productivity. The invention of the steam engine ignited the Industrial Revolution and accelerated Western development. The advent of the internet ushered in the Web1 era, fueling global economic growth. However, the widespread adoption of social networking apps soon rendered Web1 obsolete. From the late 20th century to the present, we have been in the Web2 era, which played an irreplaceable role in global development over the past two decades. Yet the internet's only constant is its continuous evolution. Like Web1, Web2 will eventually become history, giving way to the Web3 era. Web3 not only transforms Web2 but fundamentally redefines its rules. Like Web2, Web3 will permeate every aspect of our work, daily life, and leisure. Unlike Web2, Web3 prioritizes participant rights, empowering users as both participants and owners. Its refinement requires numerous applications, culminating in the metaverse. Future social networks will transcend video and voice communication, allowing wearables to enter metaverse spaces for holographic interactions. Applications spanning education, shopping, travel, remote work, telemedicine, and sports will redefine our digital world. The Web3 era promises to make life more efficient and convenient.

VJY is a Web3 smart application platform and a pioneer in building the Web3 era. Co-incubated by VJY DAO and ICPLAZA, VJY is dedicated to creating a gateway into the metaverse, providing users with software, hardware, and technical services—including metaverse application development, DID, NFT, wearable devices, and holographic imaging technology—to accelerate Web3's development. The advancement of Web3 requires more platforms like VJY to collaborate. We will continuously enhance our technology and deliver better user experiences. As the times evolve, we move forward together.

Contents

Chapter 1 The Arrival of the Web3.0 Era	6
1.1. Web3.0: User-led Network Ecosystem	6
1.2 Web3.0 ecosystem components	8
1.3 The rise of the NFT market	12
1.4 GameFi and SocialFi Empowerment with New Concepts	15
1.5 Metaverse: The Ultimate Form of the Internet	18
Chapter 2 Project Overview	22
2.1 VJY brief introduction	22
2.2 Idea of development	24
2.3 Innovation of VJY[Intelligent Application Platform]	25
2.4 Platform resource advantage	26
Chapter 3 VJY Ecological Example	29
3.1 SocialFi	29
3.2 VJY DEX	31
3.3 Digital People IP	32
3.4 GameFi	34
3.5 DID	37
3.6 Datafi	38
3.7 NFT integration application	41
3.8 VJY Digital City	43
Chapter 4 VJY Token Economic Model Design	48
4.1 VJY Token Economy	48

4.2 User Incentives	49
4.3 Value Mapping of VJY	50
Chapter 5 DAO Governance	52
5.1 VJY DAO	52
5.2 Managerial hierarchy	53
5.3 Introduce pledge mechanism	54
5.4 DAO operational advantages	55
Chapter 6 Global Team and Project Implementation	57
6.1 Global Team	57
6.2 landing support	58
6.3 local development route	60
Chapter 7 Disclaimer	62





Chapter 1 The Coming of Web3.0 Era

Web3.0 (also known as Web3) is a concept about the development of the World Wide Web, mainly related to blockchain-based decentralization, cryptocurrency, as well as non-fungibility tokens. In Web3.0, users interact with each other to meet their needs, and use blockchain technology in the interaction to create, distribute and circulate value. In this way, the whole process of user interaction and value circulation forms the Web3.0 ecosystem. Compared with the platform centralization of Web2.0, Web3.0 is committed to realizing a "decentralized" network ecosystem owned and co-built by users.



1.1. Web3.0: User-led network ecosystem

1) Web1.0 - "Feed Mode"

With the emergence of "WWW", people began to make a variety of information on the page to display, such as news, information and various pictures, etc. Through the Web, the resources on the Internet can be displayed intuitively in a web page, and the resources can be linked to the web page. At this time, many well-known companies were born, such as Google, Yahoo, etc. They formed major portal websites through the display of various web information, and then attracted users to click and watch, so as to customize advertisements and make money through traffic. Later, we often call this period Web1.0 (from about 1991 to 2004). According to some, "In Web 1.0, there were very few content creators, and most users were just consumers of content." The web at the time was seen as a way to democratize access to information, but there was no good way to navigate beyond visiting a friend's GeoCities page.

2) Web2.0 - "Interactive mode"

When the concept of Web2.0 was coined, there was no term for Web1.0. Web2.0 was introduced by Darcy DiNucci in 1999 and popularized by Tim O'Reilly and Dale Dougherty at the O'Reilly Media Web2.0 conference in late 2004. To differentiate, the previous period of Web development is referred to as Web1.0.

The characteristic of Web1.0 is that websites provide content and users read it, just as we watch TV, we can only watch what others want to show us, but we have no way to control what is shown on the TV. However, as more and more people joined the Internet industry, some more interesting business models were born, such as the birth of blogs, the birth of Facebook social platform, and the biggest feature of these websites and applications is that they allow users to generate content, interact with websites and other people, and connect with each other. This is the characteristic of Web2.0. From the "read-only" of Web1.0 to the "interactive" of Web2.0, it is not a process of replacement. Although most Internet applications and products belong to Web2.0, there are still many projects that belong to Web1.0. Many Internet practitioners in Web2.0 are also thinking about how the Internet should develop next, so they have various ideas of Web3.0.

Platforms such as Google, Amazon, Facebook and Twitter have emerged to bring order to the Internet by simplifying online connections and transactions. Critics say these companies have accumulated too much power over time in the Web2.0 era. The tech giants of Web2.0 have become big intermediaries and gatekeepers of the Internet. Most of the things we do on the Internet today, like searching the web, connecting with people, and sharing content, we're forced to rely on opaque service codes developed by these companies with proprietary rights, or we can't do those things.

3) Web3.0 - the "decentralized model"

All this will change profoundly in the Web3.0 era: the Web3.0 world will be fully open, and users' behaviors in it will not be limited by ecological isolation. It can even be argued that users can freely roam in the Web3.0 world (based on basic logic); Users' data privacy will be protected by means of encryption algorithms and distributed storage. In the Web3.0 world, content and applications will be created and dominated by users, and the DAO (decentralized governance) will be fully realized. Meanwhile, users will share the value of the platform (protocol). In addition to a completely different Internet model and user experience, Web3.0 will bring a new traffic entry paradigm.

There will be some interesting changes to the traffic entry patterns that occupy users' attention in the Web2.0 era. The Web 3.0 technology stack can be divided into three layers: protocol layer, application layer and network base layer. All of these are mainly built on the blockchain (of course, the protocol layer can also have off-chain auxiliary parts).

From the application point of view, Web 3.0 covers DAOs (and tools), privacy, applications, storage and data, games, creator economy platforms, social and so on, covering most of the areas of Web2.0. Web3.0 is an optimization of Web2.0, which is roughly labeled with four tags:

- Unified identity authentication system
- Data confirmation and authorization
- Privacy protection and censorship resistance
- Decentralized operation

Driven by distributed technologies represented by blockchain, from decentralized peer-to-peer ledger experiments to decentralized smart contract platforms, there have been countless new applications (Dapps). Slowly DeFi has formed the "financial services" in the digital world, while NFTS have accelerated the onchain of assets. We see that beyond the traditional world (online and offline), users are getting closer and closer to an interconnected digital world. At this point, people are calling for a new online world -- the metaverse -- where individuals' social identities and assets can be trusted, and communities will have a stronger dominance.

With the booming development of the cryptocurrency industry, a large number of Web3.0 applications have emerged in the past two years. Of course, most of these applications may end up being transitional products. Some applications even have shortcomings in economic models and solving user pain points, and do not reflect more real needs than Web2.0. In any case, the Web3.0 ecosystem has already taken shape, and the veil of Web3.0 will be unveiled step by step through continuous application exploration.

1.2 Components of Web3.0 ecosystem

The diverse ecological components of Web3.0 make it possible to realize an immersive interactive network with user-centered participation:

- User identity: users use wallets, control multiple avatars, and participate in the interaction of the Web3.0 ecosystem.
- User interaction: user interaction through blockchain technology to enable value creation, distribution and circulation.
- User organization: Users form autonomous organizations that collaborate to create applications, tools, protocols, and more for the Web3.0 ecosystem.
- Underlying support: blockchain from the technical layer, distributed storage from the data layer, jointly provide the underlying support for Web3.0.

Users participate in the online world through virtual social avatars. In Web3.0,

the collection of virtual avatars is the user Identity, which is truly owned and controlled by the user, also known as Decentralized Identity (DID). Compared with the user identity in the era of Web2.0, the user identity in Web3.0 has great differences in identity control, openness, security, privacy and other aspects. User identity in the Web3.0 ecosystem is decentralized, and its expression and usage are as follows:

Decentralization: DID set as the user's identity, full control in the hands of users, are not completely controlled by any one organization. The authentication of the user's identity by any one institution is just one element of the collection.

- Representation: The identity information issued to the user by each institution is stored on a blockchain address under the user's full control, which is often also the user's wallet address.
- How to use it: Login to apps on Web3.0 via a wallet. The experience is similar to wechat login in the Web2.0 era. The difference is that DID is owned and controlled by the user, while wechat is restricted by the platform.

In addition, the value features of Web3.0: openness, privacy and co-construction of the world, also create a theoretical basis and practical feasibility for the construction of the value Internet.

1) Openness

Users in the "web3 application platform" access, full freedom, low threshold; For example, users can use a blockchain address to access applications on the chain, without the need to register permission, convenient operation; User behavior is not restricted by the third party body, breaking the original so-called ecology, ecological boundaries and estrangement, in line with the principles of compound code logic, application between sex and compound with high combination.

The most direct example is DeFi Lego, any application can call to the underlying base agreement (DEX) do or aggregation, and synthesis of assets, platform will be mapped to the real world assets chain (no delivery), which is equal to break the limit of online and virtual and reality. In addition, Web3.0 between all kinds of applications can be a "chain" to resolve connectivity, therefore, a user in multiple Web3.0 world map of application behavior can produce similar social relationships and potential to further enhance the value of the data mining. (To take

the analogy of a game application, users can easily enter a game world without third party restrictions), users can freely insert their favorite characters/images into the game, and even make the characters act across platforms/fields, while in the era of Web2.0, you can not decide the choice of characters. More like the role of can not be killed into the world of warcraft - connected on this platform is not difficult, just because control is not in the hands of the user. Of course, you can also trade gear such as character skins (with the help of NFTS), or even build sophisticated derivative markets for game gear based on other DeFi protocols. In short, live the Web3.0 way across application platforms, virtual and real.

2) Privacy

Transfer of data ownership and value. Data privacy has become a focal issue in global regulation. Current solutions:

First, strengthen legal protection, so that users are aware of the theft of user data is illegal; Second, introduced privacy calculation, by homomorphic encryption, multiparty secure computation, the trusted execution environment, such as technology, ensure that the data in the process of using is definitely not visible. In the era of Web3.0, users will tend to protect their personal data privacy in a more thorough way, which will trigger the transfer of data ownership and value. With the decentralization of applications, user behavior, data generated and even application protocols need to be privacy-protected when on-chain data is available. Privacy protection is multifaceted, including basic blockchain platform privacy protection, storage data privacy (distributed storage), user private key management, anonymity protocol and so on.





3) DAO: the network world of co-construction, co-governance and shared value

Web3.0 ecological construction, such as applications, tools, agreement, etc., cannot leave the coordination, the Organization form of orderly user collaboration is called the DAO (Decentralized Autonomous Organization). DAO full decentralized organization, the user for a common goal and organization form, using the block chain technology and intelligent contract procedures, for the formulation and implementation of the rules, so as to realize can guarantee fair form of community self-governance. Users in the web content creation is various in the applications of the Internet limited (restricted by platform audit, cross-platform restrictions), in the community governance constraints, thus limiting the users to share in the economic value of capture. Web3.0 openness principle will break the restrictions and block chain of the value of the incentive mechanism will content economic effective feedback to the creator.

Blockchain technology is the core technical foundation for the DAO form to be established. Organizational rules are written through blockchain smart contracts, which are guaranteed to be executed by programs. At the same time, rules are stored on the block and cannot be easily tampered with. The creation, distribution and circulation of value also occur during the establishment of DAO. Daos are created through user interactions, and value is continuously created through interactions. Daos distribute value by issuing project tokens and NFTS, so that users can enjoy the governance and profit rights of the DAO. DAO tokens and NFTS can also circulate in DeFi. As an organizational form in the era of Web3.0, DAO is quite different from traditional organizational forms in terms of organizational structure, organizational rules, and ownership of rights.

DAO has the following advantages: organizational rights are distributed to all members of the organization in the form of organizational tokens, thus realizing community autonomy and rights distribution, thus greatly stimulating the participation and enthusiasm of members of the organization, and playing an important role in promoting the construction of Web3.0 social projects.

1.3 Rise of NFT market

NFT (Non - fungible Token) is Non homogeneous tokens, is a kind of integral and unique digital proof, can be mapped to a specific asset, the right content are relevant to the specific assets, such as historical transaction flow information recorded in its intelligent labeling information of contract, And the corresponding blocks on the chain to the specific assets to generate a unique code cannot be tampered with, to ensure the uniqueness and authenticity. NFTS enable the assetization of virtual items so that the digital asset has a tradable entity.

1) the characteristics of NFT

Mark specific assets ownership: NFT using block chain technology marked the ownership of the users for a particular asset, become the specific asset recognized trading entity, at the same time the price of NFT reaction for the mapping value of the assets and the market scarcity.

, authenticity and uniqueness: NFT with block chain technology cannot be tampered with, record the traceability characteristics such as property rights, and ensure the authenticity and uniqueness. NFT can be used to represent all kinds of assets, such as virtual collections, in-game assets and virtual assets, digital art, real estate, etc.

- Anchored non-fungible asset value: Compared to fungible tokens (e.g. real money, virtual money), the essential difference between NFTS and NFTS is that NFTS anchor the value of non-fungible assets. FT of anchor is homogenized assets such as gold, such as the dollar. Both have tradable property, the same FT value are interchangeable, but each of the NFT value is unique.

2) Fungible tokens (FT) versus non-fungible tokens (NFTS)

- Fungible tokens (FT) : Fungible tokens are assets that follow the same rules and can be traded and divided freely. Such as encrypted digital currency COINS, at the same point in time, each currency corresponding price is the same, the one currency to another currency equivalent exchange, the currency also can be divided into 0.1, 0.01 or 0.0001 gold COINS.

Non homogeneous tokens (NFT) : non homogeneous means completely unique and the only, and cannot be divided, each other can't free exchange, such as the life of the common real estate, automobiles, passport, etc. Any 2 villas are different in house size, price, developer, location, property, area, etc., and the owner is also different, and one villa cannot be divided into many parts and sold to many people.

We can now clearly see that the main application areas of NFT include games, art, domain names, collectibles, virtual assets, real asset tokenization (STO) and other fields, especially art and games in the market attention is high. Some game props and artworks are naturally unique and inseparable, which are just coupled with NFTS. Therefore, NFTS can effectively prevent the counterfeiting and fraud of such items. Looking at the development of DeFi, we can see that the rise of NFTS has given the market greater support.

- Innovative experimentation: NFTS are attempts to connect the cryptocurrency market with real-world works, giving the real world more value and giving the real world works the characteristics of the crypto market, which are completely private, private, secure, unique and convenient.
- Immutable and plagiarizable: NFTS are digital works that cannot be tampered with and solve the problem of ownership. While previous digital works of art struggled to address this and could be copied casually, NFTS are immutable.
- Cognitive boost: Hot's cognitive boost for digital assets. In the traditional world, the theft of bank cards, game accounts and items all make people want to have complete security and autonomy. In this case, people will gradually increase their requirements for security and privacy. With the private key of the NFT token, you can fully own the NFT product. Unlike in traditional industries, where the digital assets and the account itself are hosted on a centralized server, users do not have full ownership and their permanence cannot be guaranteed.

Since the end of 2020, the NFT market has seen rapid growth. There has been growing interest from traditional companies looking for new businesses. Also, while technology continues to evolve, there is more money coming into the space.

3) Market for popular NFT apps

Right now, the two most popular areas for NFTS are: games and art collections.

There are a few specific areas within the NFT industry that will have a driving effect. Digital art, virtual land, and DeFi NFTS will all exhibit explosive growth in 2021. Digital art is leading the way and is set to become an order of magnitude category leader.

In the field of art collection, NFT can not only provide new art creation means of programmable, can also copy entity art collection, give marks of individuality and uniqueness to digital art. In the future, including art, digital collections will be booming. On NFT art creation platforms, artists can earn a certain percentage of the profits from all secondary sales, which is quite different from the traditional art market.

In the gaming space, the combination of NFTS and DeFi plus games can create endless possibilities. NFTS and games are the most relevant, a lot of art we are not familiar with, but a lot of equipment in games we are very familiar with. The change to the whole industry will be very big, now many games have not developed new things, are in the remake version of things.

For example, in some DeFi + NFT game, each role are all loans platform deposits on behalf of the user, game characters can combat, upgrade and configuration and equipment. In, for example, zero knowledge proof is the change of the rules of the game, no longer need to rely on centralized server in particular, can do a lot of calculation, in the local chain and then do again to prove, so that you can let us in the game on the expansion, is this the time to play any network game also thousands, tens of thousands of people online, the single server only in this way. But the future can see one million people or ten million people online new decentralized game time, there will produce large amounts of NFT, produce a huge amount of value.

In the context of global digital transformation, NFTS will play an irreplaceable role in the future blockchain ecosystem, and may even become a key driving force and cornerstone for many industries to achieve digital economic transformation. For exchanges, it is worth thinking deeply about how to seize the opportunity under the new wind and promote the development of digital economy. With the implementation of more NFT applications, people see more possibilities of blockchain technology in the future, and the market is also looking forward to the greater changes that blockchain technology will bring to the public's lifestyle in the future.

1.4 GameFi SocialFi with new concept can assign

Web3.0 era background, the block chain driven by the value of the Internet have more value form, in addition to the NFT, GameFi, SocialFi, such as the birth of a new concept, also has brought the deep change of existing application network.

1) GameFi drives the revolution of games

With the deep adoption of DeFi, GameFi is also looming. GameFi word is one of the earliest application in the field of encryption, is an enterprise aims to use interesting ways to improve the efficiency of the staff innovative financial services company, since then, the Game (the Game) and financial (Finance) two originally goes and word has connected.

GameFi refers to the presentation of financial products in the form of games and the gamification of DeFi rules, such as the use of NFT equipment to improve revenue and the introduction of battle mode, etc. Compared with traditional liquidity mining, GameFi projects have stronger interaction with users and higher interest. When the word GameFi encrypted domain, it is not just referring to the "Finance + Game", but also refers to "Game + DeFi".

DeFi world already can not meet the needs of traditional mining project, after the pledge LP boring waiting, they began to dig into the game, both reduced the threshold of the new entry, and bring liquidity to dig more interesting.

To sum up, GameFi is the concept of "gamified finance" under the fusion of DeFi and NFT, which can be summarized as: $\text{GameFi} = \text{NFT} + \text{DeFi} + \text{game}$. GameFi, or Game Finance, presents decentralized finance as a game. DeFi provide bottom logic, game delivery carrier, NFT in-game equipment, props.

- NFT as a game in a variety of props, heroes, and even the union, etc., for each player from appearance to attribute may have completely different assets.
- Liquidity mining in DeFi, in the form of pledged tokens, provides trading depth for the tokens, from which the pledged users receive benefits. GameFi into the game also need a cost, from another perspective is more like, the money pledged in the game of ecological, subsequent need players through

the game content to earn back the money again.

- Traditional games have gone through two major modes: buy-out and free-to-play, where players are mostly playing for fun. GameFi then visit provides a completely different perspective, the vast majority of players can aim at making money comes into play. While playing I earn is the biggest selling point of the game, upgrade in the game, hit a monster, fight, etc., not only won the game pleasure, can also get tokens and equipment, props, NFT, etc., these can be sold in the market.

In addition, the game is not owned by a company, players and developers jointly maintain the game, so that it can be more fair and transparent to obtain revenue, completely driven by the market, higher heat, better experience, more and more game players. Along with the popularity of related projects, GameFi's new Play-To-Earn economic model has been born. Play - To - Earn is essentially a technology driven by block chain business model, the player can get in-game assets by prepaid phone, playing games or tokens, ownership. Compared with Free - To - Play, Play - To - Enjoy patterns, such as Play - To - Earn most of the game revenue is no longer belongs To large centralized game company, but To the excellent players. By participating in the game economy, players can create value for other players and developers. In turn, a player can get the hang of assets. These digital assets can be any crypto asset that is listed on the blockchain. P2E focuses more on maximizing player engagement than profits.

Some features of the P2E model:

- Using DeFi Farming to solve some of the problems of early drainage. Some players will be attracted to the game because of the revenue, or some people will be attracted to the game because of the revenue who are not originally players (may or may not convert to players).

, is not purely financial gambling game, NFT makes Farming itself won't produce the problem of liquidity, but the premise gameplay and mechanism to attract players continue to join, if the player loses, NFT is meaningless.

- Farming revenue helps to increase the game's player retention rate, in an attempt to solve the problem of over-squeezing players in F2P games.

, most of the ultimate goal is to realize the DAO P2E governance, enables the

community association (players) to participate in the management of the project, to vote and income distribution.

2) SocialFi makes social a win-win situation

As Web3.0 social apps are popping up, the crypto community is comparing Web2 social apps to them. Web3.0 social on the basis of inheriting web social game, against the problems exposed by the Web2.0 social improvements. The highlights of Web3.0 social play are ownership, platform benefit distribution and privacy communication. These claims does not mean Web3.0 social applications will replace Web2.0 social applications, but said Web3.0 social applications based on Web2.0 social applications to join encryption/block chain technology, to solve the pain points of the latter, both will be coexistence, draw lessons from the relationship between each other. Currently, the categories of Web3.0 Social applications include social graph, social-to-earn project, social media, metaverse social platform, NFT social platform, social infrastructure, etc.

SocialFi full name is the Social Finance, that is, Social (Social), and a combination of financial (Finance), and the Social Finance. Social refers to we made on social media content creation, such as, interpersonal interaction behavior patterns. The financial is through specific channels will generate revenue realized the value of these actions.

In SocialFi, the project side issues specific tokens so that ordinary participants can directly connect. Participants bring more token benefits to themselves through their social connections and the influence brought by content creation. At the same time, with the help of decentralized blockchain technology, the content belongs to the creator; And by building a token economy, value delivery can also achieve the purpose of decentralization. The user production content can be directly obtained exceptional other audience, and through the crowd to the user's thumb up, reviews, forwarding index will also be able to bring the creator system such as card rewards. Through the above series of ecological interactions, the situation in Web2.0, such as Internet companies monopolizing most resources, controlling advertising commission income, and small traffic creators being limited by the company can not get exposure, may have the opportunity to be broken. SocialFi will help users solve their problems in three ways:

Data right ownership problems: in the traditional social platform, all of the user's social data stored in the operator in the form of field server, data

belong to the flat to Taipei; However, the immutability of SocialFi is of great help to solve the problem of user data rights confirmation.

- **Benefit distribution:** Under the algorithm mechanism of traditional social platforms, the benefit distribution between users and platforms in traffic monetization is unbalanced, which is not conducive to the protection of users' rights and interests; SocialFi is a problem that users can get benefits by financializing their social influence, and there is no platform or other third party commission.
- **Privacy security:** In traditional social networking, all users' accounts are authenticated with their real names, and users' real information is stored on the operator's back platform, which is easy to cause information leakage. However, based on blockchain technology, SocialFi anonymize users' identities to protect users' privacy security.

1.5 Metaverse: The Ultimate form of the Internet

In the era of Web3.0, the metaverse will be a highly imaginative and creative form of the Internet. In the era of Web2.0, people are used to using the "virtual world" and the "real world" as the boundary between online and offline worlds. The metaverse based on Web3.0 will be a deep integration of the so-called "real world" and the "virtual world". Web2.0 era of the Internet there is a obvious ecological boundaries (this was a result of centralized company operation mode), an Internet giant ecological at the core of the access control, across the ecological application is less, such as online payment tool across the ecological limit, important links between the Internet application gateways of shielding. The so-called Internet applications are actually restricted to activities in different ecological areas. In the metaverse world of the Web3 era, the "divide" and boundaries of the Web2 era will be broken.

From "independent computer hardware, cable network age, to the Web 2.0 mobile phones, software, cloud storage, wireless network times, and now the Web 3.0 cloud computing, chain blocks, AI, decentralized era, every technology of transition with the first research technology or the new concept of blessing, and Web3.0 and integration of the universe, Is widely regarded by the market as the ultimate form of the Internet and the destination of immersive network.

1) The origin of the metaverse

In 1992, Neal Stephenson's science fiction novel "Snow Crash" was published to rave reviews. "Snow Crash" describes the perception and knowledge of two parallel worlds by a generation of Internet people born out of the real world. But neither the author nor the book's reviewers could have foreseen the shockwaves the book's concept of the "Metaverse" would create three decades later.

The most representative definition of "metaverse" is that "metaverse" is a virtual space parallel to and independent of the real world, an online virtual world that mirrors the real world, and a digital virtual world that is increasingly real. In comparison, the description of "metaverse" in Wikipedia is more consistent with the new characteristics of "metaverse" : a 3D virtual space based on the future Internet with the characteristics of link perception and sharing, which presents convergence and physical persistence characteristics through virtual augmented physical reality.

That is to say, the context of 2021 yuan "the universe" connotation has surpassed 1992 "avalanche" cognitive "yuan universe", by absorbing the information revolution (5 g/g), the Internet revolution (web3.0), artificial intelligence revolution, and VR, AR, MR, especially the game engine, the results of virtual reality technology revolution, To show human construction and the possibility of the traditional physical world parallel holographic digital world; It has triggered the interaction of information science, quantum science, mathematics and life science, changing the scientific paradigm; It has promoted the breakthrough of traditional philosophy, sociology and even humanistic science system; Embraces all digital technologies, including blockchain technology achievements; It enriches the transformation model of digital economy and integrates De-Fi, IPFS, NFT and other digital financial achievements.



Today, "virtual world coupling of yuan universe", has been considered by the investment community is grand and broad prospects for investment theme, become the digital economy innovation and the industrial chain of new territory. In addition, the "metaverse" provides a new path for human society to achieve the ultimate digital transformation, and has an all-round intersection with the "post-human society", showing a new era with the same historical significance as the era of Great navigation, the era of industrial revolution, and the era of aerospace.

2) The core features of the metaverse

Roblox CEO Baszucki proposed the basic features of the metauniverse: identity, friends, immersion, low latency, diversity, anywhere, economic systems, and civilization. Based on Baszucki's criteria, "metaverse" = creation + entertainment + display + social + transaction, people achieve deep experience in the "metaverse".

- Identity: You have a virtual identity, whether it's related to your physical identity or not.

, friends: you have friends in the middle of the yuan to the universe, can social, whether in real life.

- Immersion: You can immerse yourself in the metaverse experience and ignore everything else.
- Low latency: Everything in the metaverse happens synchronously, with no asynchrony or latency.
- Diversity: The metaverse offers a variety of rich content, including gameplay, items, art, and more.
- Anywhere: You can log into the metaverse using any device and immerse yourself in it anytime, anywhere.

, economic system, and any complicated large games, yuan the universe should have its own economic system.

- Civilization: The metaverse should be a virtual civilization.

"Yuan" the universe is formed its specific structure. Beamable founder Jon

Radoff put forward "yuan universe" construction of seven aspects: experience (Experience) and find (Discovery), the Creator economic Creator (pa), space (Spatial Computing, Decentralization, Human Interface, and Infrastructure.

- The metaverse must exist forever. Gameplay, rules, worldviews, values, and economic systems can change, but they can't disappear because one company goes out of business;
- Decentralization: the creation of a public chain that cannot only belong to one company or country

Economic system in the universe, thus: yuan output content and realistic society has certain correlation, create value, can also be a similar game, of course, has the certain force value.

© Technology: artificial intelligence, blockchain, cloud computing, brain computer, AR/VR, etc

© Features: social collaboration, free creation, decentralized transaction, virtual and real fusion

3) The ecological map of the metaverse

With the development of Web3.0, virtual and real worlds doors are open, from virtual to real, or by the reality into the virtual, are committed to help the user to achieve more authentic experience. Although the development of the metaverse is still at a very early stage, through games, cultural creation, community and other Windows, we have been able to have a glimpse of the open interconnection, value sharing and many other attractive features of the virtual world. At present, the ecological tentacles of the metaverse have spread across various fields.

Based on the above background, VJY was born to drive the ecosystem and infrastructure of Web3.0 through diversified applications, and to dominate the market with the support of blockchain technology and token economy model, and for innovative DeFi applications, Give NFT, GameFi, Social wi-fi, DEX, DID, DeFi, yuan connotation scenarios, such as the universe for Web3.0 development in the true sense.

Chapter 2 Overview of the project

2.1 Introduction to VJY

VJY is initiated by the VJY DAO community and jointly developed by the ICPLAZA technical team. It is committed to building an intelligent application platform and industry infrastructure for Web3. DeFi, NFT, GameFi, SocialFi, NFT, Digital People IP, Datafi, yuan universe provide a basic structures, support, and other diversified ecological building a decentralized can produce an exchange of value, share, create, community autonomy Web3.0 infrastructure (DAO), It also hopes to realize the interconnection between independent ecosystems, build Bridges between each continent, and enable human beings to understand the new universe empowered by Web3.0 from a new dimension.

VJY related services segment covers (including) :

- SocialFi
- VJY DEX
- Independent Station
- Digital People IP
- GameFi
- DID
- DeFi
- DATAFI
- NFT

VJY is a Web3.0 application built on the bottom of the public chain, introducing developer incentives, NFTS, ecological funds, token incentives, customized economic models and DAO governance to build a more prosperous Web3.0 ecosystem.

VJY ecological construction through the following stages:

- Trust building -- digital encryption algorithm based on ICPLAZA public chain to establish a decentralized Web3.0 trust foundation;
- Eco-design -- based on the decentralized operation concept at the bottom of the public chain, establish a consensus mechanism and build a diversified ecological model of Web3.0;
- Rulemaking -- based on EVM programming smart contracts, rules and reward and punishment measures are formulated, and rules are automatically executed by the system;
- Token incentive - multiple application scenarios of VJY (VJY, VJY DAO, VJY DEX) provide value circulation media, incentive model and governance;
- Ecology -- Access all kinds of web3 applications, and launch SocialFi, VJY DEX, independent station, digital person IP, GameFi, DID (digital identity), Datafi, NFT aggregation, Smart Digital City and other ecosystems on the basis of mature DeFi sector. And continue to provide assets transaction, digital wallets, and other functions.

VJY3.0 utilizes public chain technology to establish a fair and open comprehensive Web3.0 ecosystem. To solve the trust crisis and data rights issues faced by the industry, so that the whole competitive environment is more fair, open and efficient. At the same time, we will build a complete DAO value space for the global community and users in the Web3.0 era, and hope that this Web3.0 ecosystem containing diversity can provide guarantee for users' free will and personal value, especially time value.

In the future, VJY will give full play to the functions of blockchain to carry value and deliver value, and give full play to the concept of equality and openness of Web3.0, which will make the assets of hundreds of millions of users more free.

2.2 Development philosophy

VJY is committed to building a community-owned ecosystem by breaking through the limitations of technology and economic models with the Web3.0 application of "DeFi+NFT+GameFi+SocialFi+ Metaverse". Therefore, VJY development idea is as follows:

- Community economics: Today's applications are built on economic models that, for many in the industry, are not sustainable in the future. Through DAO governance, VJY will rewrite the rules and build a whole new type of Web3.0 economy that starts and ends with community ownership, participation, and growth. By rewarding those who contribute to the health of the web, we will drive social productivity to work.
- Open and collaborative: We believe VJY's community must be inclusive, independent and interoperable. That's why we weave cross-chain and cross-platform capabilities into the fabric of our network, removing any barriers to entry for community members and ensuring that our system will constantly improve and emerge as new protocols, tools and standards to serve the community.
- compatibility concept: VJY compatible BSC, ETH chain, TRX chain chain, and paid special attention to compatibility problems with etheric fang, BSC network.

Progressive decentralization: centralized platform will inevitably creates an encrypted ceiling, and often will eventually get chance by monopoly from others in the community and to limit its growth. With the mature of VJY technology and fission, the user system VJY committed to transition to a fully distributed system, the system is owned by the whole community, control and cultivation. By doing so, players and investors of all sizes will be able to benefit from the community economy without having to trust a centrally managed platform.

- Community governance: VJY will create a transparent, intuitive and smart governance framework that ensures that no individual or group can control the VJY(Decentralized Community) - the DAO, and that actions that are in the best interest of the larger community will be rewarded. VJY is working

tirelessly to find the right rules and mechanisms necessary to create such an unprecedented but vital governance system.

- Lasting innovation: We care a lot about innovation in the Web3.0 model. This is why we want to build a valuable use of Web3.0 scene circulation space, we will never change Web3.0 in a positive way - use technology to build the real world and chain and yuan bridge in the world, the universe to provide liquidity to create a better economic model, providing new Web3.0 incentive mechanism, As well as the benefit everyone assets through the economy.

Rather than seeking any kind of short-term financial gain, VJY will make long-term investments in building the appropriate technology and infrastructure needed by the platform and community.

2.3 Innovation in VJY [Intelligent Application Platform]

Smart mal is committed to using the block chain technology builds Bridges in the real world and yuan universe.

In VJY, user/players have the opportunity to experience is not only entertainment, with the use of mobile phones or laptops and other traditional electronic device access virtual reality, VJY virtual reality of the universe with the yuan as the foundation of bearing, expand more can provide scene, user/players in VJY can also the participation of new support, such as: Learning education, to be profitable, the incentive income and content creation.

1) Learn about education

Crypto can be a challenging industry for many players, requiring a deep understanding and stock of knowledge in many areas. VJY with "in the world of encryption for self education" as the goal, establishing associated with various top platform, as users understand more information about encryption industry open center. Not only that, with the aid of VJY yuan universe of virtual reality, remote session can be an interactive, virtual experience, user/players can build on VJY virtual land building, commercial complex, service center, team meeting rooms, etc. Imagine that instead of looking at faces on a screen, you walk into a venue and

meet Vitalik Buterin or some other industry influent in the lobby, perhaps even more realistic than you ever imagined.

2) to be profitable

VJY will be a place where all users/players can buy virtual real estate and earn money from pledges, advertising, and other passive income. Users can trade and leasing of virtual property, this will stimulate them to invest in the virtual land and then profit resale or lease for passive income. In addition, when some partners advertise within the VJY, asset holders can also get a share of the advertising fees.

3) Token incentives

Token incentives are an important part of the user/player experience, and with VJY virtual reality, users/players can play from a truly immersive first person perspective to participate in eco-building, entertain friends, and build networks. The top user participation and competition platform will invite players VJY reward.

4) Content creation

In the VJY metaverse, users/players are able to get builder tools to create their own scenes, buildings, high streets, etc. For the more experienced creators, content creation tools can also support build more huge yuan social universe and application.

With the advent of the post-epidemic era, more and more scenes and use cases in the physical world will be completed online. As people's time and energy investment in the virtual world continues to increase, user habits begin to gradually go online, and the way of production and life will undergo profound changes subtly, and the value recognition of the virtual world will continue to strengthen. Then from the aspects of technology and culture has laid a good groundwork for VJY fall to the ground.

2.4 Advantages of platform resources

Due to continuous development and innovation of technology, a wide range of business applications, the advantage of the fine management, competitive VJY in

the following aspects:

, technical team: VJY has very mature and strong technical support, in the chain of blocks, financial, trading, NFT, yuan universe, DID, DEX, Web3 agreement, community autonomy, and other fields has accumulated rich experience in industry and technology, development and application in the chain of blocks in the underlying technology has achieved industry-leading breakthrough. The VJY team is a perfect convergence of veterans with many years of practical operation experience and deep insights into the development of the industry.

- Industry resources: VJY has signed strategic cooperation agreements with top projects in the target industries, which provides strong support for VJY to enter into the target scenarios, so as to truly promote the actual implementation of VJY applications. Capital Partners include: Goldman Sachs, IDG Capital, AVJYel Partners, Fidelity Investment Group, etc.

Liquidity support: VJY in the industry with rich resources and numerous partners, and several international mining and active community, investment funds, professional investment institutions to achieve cooperation, provide ample liquidity to ecology. VJY has a professional team and docking global head exchange market depth, provide total fragmentation, liquidity support high frequency, quantitative trading adaptation rapid programming trading set of API interface. Introduce market maker system.

- Powerful trading tools: With the maturity of the market, the complexity of the transaction demand, simple past transactions function has been difficult to meet the appetite of professional investors, VJY with senior securities investment experience, combined with the depth study of artificial intelligence technology, provides more rich suite of tools for professional investors, including automatic cast surely, quantitative trading tools, strategies, etc., At the same time, it also enables ordinary investors to easily access professional tools, reduce the threshold of professional investment, and make blockchain investment more popular.
- Business governance: Unlike other projects, VJY has a clear and well-defined strategic plan for the target industry, and continues to enable free, fair and high-value ecological prosperity in the model of autonomous community. VJY more dedicated and professional using block chain technology of

distributed decentralization, tamper-resistant security and encryption and characteristic of point-to-point transmission value, target industry infiltration and quickly gain market share.

Money management: VJY money management under the auspices of the investor protection fund, strictly abide by the principle of fairness, justice, public, and on the development of VJY primary purpose. Special investor protection funds and ensure the safety of fund, and sustainability. VJY all funds usage will be disclosed to all investors regularly, to ensure the openness of capital using.

- Space to grow: VJY is targeting trillion-level blockchain and Web3.0 marketplaces. The development team has developed a sound governance structure to effectively manage general procedures, code management, financial management, compensation management and privileged scope of operation to ensure sustainable development.

With the support of core competitiveness, VJY's commercial logic is clear, each link and organization has a strong target and logical gene, and on this basis, put forward many modular, transformed technical solutions or mechanisms.



Chapter 3 VJY ecological example

As stated earlier, VJY related services including: SocialFi, VJY DEX, Smart independent station, Digital People IP (Digital IP), GameFi, DID (Digital identity), DeFi, Datafi, NFT industry, yuan universe, etc.

3.1 SocialFi

In VJY, traditional social pattern will be turning, and build up SocialFi model of innovation. Users can create virtual characters in VJY to meet for social activities such as shopping, games and consumption.

Each user has a virtual identity in VJY, they can post content, VJY will be based on the user's social portrait and interest map, through AI algorithm to recommend users and information. Based on this, every user can establish new social relations in the community, it is no longer a physical location, "near" to "add a friend" as the goal, no longer is no longer the offline social relational mapping, but higher dimensions of virtual social network.

In the future, with continued Web3.0 related technology, introducing VJY social will break through the limit of time and space, expanding the scope of our dating, in VJY, borrow the holographic virtual imaging techniques, can achieve real scene of huge reduction, to borrow a few auxiliary equipment at the same time, can greatly improve the user experience, increase user stickiness. Compared with virtual social networking, VJY social networking has more obvious advantages in user interaction, more like a combination of online social networking and offline social networking. In addition, the VJY team believes that SocialFi is the display of individual value. Only by enabling the creative content and social influence produced by a single individual can more individuals gain benefits in the creator economic system, and the value ecology of SocialFi can be developed and expanded.

Therefore, in the social ecosystem of SocialFi supported by VJY, a perfect self-negotiated economic system has been built for users, and everyone can obtain benefits through their own value. Users can independently build a social ecosystem

based on blockchain and VR, and can earn revenue by creating content, making VJY a hybrid of social and NFT markets, and carrying three layers of innovative value:

- Social layer: Social to Earn, follow and earn. VJY users first establish social connection through investment strategy subscription, which is more sustainable based on on-chain reputation.
- Middle tier: Play to Earn. Creator economy will motivate a lot of content, unavoidable information noise, good and bad are intermingled of various investment strategies, VJY middle tier design interactive experience for screening of investment strategy, purpose for screening high quality investment strategies and the cognitive ability of investors, such professional investors in VJY referred to as the "pilot".

Core layer: Invest to Earn, cast while earning. With neither side making or for while, for Web3.0 explorer, Invest to Earn is the most efficient way, this is also the result of the investment strategy is the most important, in VJY core layer, the creator will be their own investment strategy content pass card, is not only to attract subscribers learning content, also let the follower to participate in the investment, So as to provide high value liquidity for the market, in which professional investors "navigator" is indispensable.

VJY's primary incentive is to empower creators, thereby continuously generating high-value SocialFi models. The Web3.0 ecosystem also requires intermediate inviters to be responsible for mining, screening, and matching, so as to attract more participants to subscribe to a high-quality SocialFi engagement strategy, and inviters will get corresponding incentives from it.

3.2 VJY DEX

The core functions of VJY DEX integrate various advantages of DEX, and will build the most secure, stable and efficient digital currency value network for global users, and provide the best quality digital currency AMM services. Based on the support of the underlying infrastructure of ICPLAZA public chain, our self-developed matchmaking system can process millions of transactions per second. In addition, in order to meet the diversified needs of users, we have not only developed an advanced matchmaking system for coin transactions, but also opened a secure and efficient C2C transaction service to build a continuous, transparent, low-friction and non-discriminatory transaction environment for users with blockchain technology and token economy model.

While focusing on improving the user experience, VJY DEX will continue to upgrade the platform technology and improve the ecological system. With scientific and efficient management and operation, VJY DEX will accumulate distributed ecological resources and energy and output this energy to the whole industry. Finally, it will feed the whole ecology through the application of enabling, and finally form a development trend of circular enabling and sustainable growth. In order to build a trustless and highly decentralized financial infrastructure for global users.

In terms of functional design, the basic functions of VJY DEX will achieve the following designs:

- Build a decentralized trading and clearing network in the mode of "application + protocol";
- strengthen the barriers at the application layer to reduce the risk of bifurcation;
- Connect and integrate the trading markets and depth of centralized and decentralized exchanges;
- break through the scalability bottleneck of current decentralized exchanges;
- cross-chain interoperability, compatible with native tokens of multiple underlying chains;

- Built-in dark pool trading features, which can support the splitting and independent transaction of large trading orders.



3.3 Digital People IP

In VJY yuan in the universe, we will introduce Digital People IP (virtual Digital IP), the introduction of one-stop top AI virtual solutions, power industry yuan universe ecological building. Relying on the original "Virtual Digital human Engine", we provide virtual image generation, customization, driving and other services for all walks of life, helping enterprise customers to create more future-oriented and more differentiated virtual human application products and digital assets, enabling enterprises to layout the metaverse ecosystem.



VJY - Digital People IP will serve as a new media role, is widely used in the new ecological yuan universe, holds information manufacture, the transfer of responsibility, is yuan universe "- -" links of the new media.

- Reconstruct the content production model to improve the efficiency and quality of digital content production. Based on the Digital People IP technology more mature, from modeling, drive, apply colours to a drawing, editing, such as process gradually realize automation, real-time and intelligent, have a free play space than live-action, creative content and extend the space release, a sharp rise in the content production efficiency, reduce the production cost greatly.

Redefining fans economy, boost brand spread fast ones. The virtual idol, words and deeds by brands such as master, controllability, security is stronger than a reality star, can also extend application in yuan more diverse virtual scene in the universe, spread, realize the spheres of virtual idol IP will become popular trend, fans in rapid economic rise.

- The core of digital transformation, helping enterprises to improve the quality and efficiency of production and operation. Digital People IP will be more widely used in media, education, finance, medical care, sports and other fields, providing a new path for the development of digital transformation of enterprises, and will play an increasingly important role, helping enterprises to improve the quality and efficiency of production and operation.
- The core digital assets of the metaverse, carrying the infinite imagination of Second Life. Digital People IP will become the most core the interaction of the carrier and yuan universe entrance, everyone may use avatars of RMB into the universe, immersive gaming experience, entertainment, social, education, sports, such as Digital content, open the "second life", the pursuit of more real and ideal self.

VJY since the research of Digital People IP engine, through the computer graphics technology, speech recognition and semantic understanding AI depth fusion, the image creation ability, expression ability, intelligent interaction ability, from virtual human modeling, content production to many scenes interactive communication and so on various links. On Digital People IP engine, VJY can provide many domains such as entertainment, services and social including



algorithm, platform and application software and technical services, full stack type Digital People IP solutions.



3.4 GameFi

VJY will bring GameFi into games in a comprehensive way, creating a new kind of gameplay where the digital economy doesn't end when the game is closed, blurring the line between in-game resources and real-world assets. For billions of game players from all over the world, VJY represents a paradigm shift, a time and ownership in the hands of ordinary player again.

In VJY Web3.0 GameFi, all objects are represented as tokens on the blockchain network. Therefore, in the game, all items can be owned by the user or anyone, each player is not only the participants, is also the owner. Play a good game allows users to accumulate more in-game currency (platform tokens VJY) or on behalf of in-game assets (such as prop) NFTs (non homogeneous tokens). The key to VJY is that once these assets are acquired, users can exchange them in the marketplace for other cryptocurrencies or fiat currency in order to earn disposable income. Through the global launch of the GameFi model, VJY will build Bridges between every continent, allowing humanity to understand the new world of chain travel

built by blockchain from a new dimension.

1) Play - to - earn and upgrade the application

Play in VJY ecological, build up - to - earn will be one of the core of the game, while playing is the biggest characteristic of VJY, players of the game, not only won the game pleasure, can also be tokens, and equipment, props, NFT, etc., these can be in the chain of blocks in the market for sale.

- earn in-game scrip: VJY support project issue in-game native tokens. These tokens are used to give rights holders of governance, buy and sell in-game NFT props, and even used for hypothecation. Players in the process of playing a game of make replace COINS, and then through the platform to exchange into tokens or other legal tender, thus to bring income to the real world.
- earn in-game NFT assets: NFT including but not limited to the items in the game, roles, skills, tools, etc., due to meet in the game to use, also can be other purely decorative collections. Players can acquire these NFT assets through the game and trade them to other players in need in the secondary market to earn income.

2) Upgrade the incentive model

In addition to the Play-to-earn application segment, we will continue to upgrade the VJY incentive model, such as:

- Create to earn (C2E) : When VJY matures, the system will no longer be a single app service model, but will expand the Create to earn model with virtual creation to bring new services to players. Block chain to ensure the digital assets ownership, at the same time, programmable NFT rights to Create to earn more economic vitality. each

Players can collect and develop their own NFTs. Each NFTs is a unique NFTS based on the ICPLAZA public chain, which is securely stored on the blockchain. The file data is stored in the storage layer of the icplaza public chain and cannot be modified, copied or destroyed by any third party. This is to create your own NFTs of value in return.



- Pay to win (P2W) : For apps, interest interaction is a quick way to attract traffic, but playability is fundamental to securing a consistent audience, that is, no matter how the price of tokens and NFTS changes, the app will always attract players who are willing to "pay to win", and they are the backbone of GameFi and play-to-earn. VJY application to improve playability, "play to earn" and "pay to win" has never been two opposite concepts. The "play to earn" player is motivated by a high return on investment (ROI), so the system works by ensuring that someone will take over, and the "pay to win" player is the guarantee that if the app is fun and attracts enough people to play, someone will be willing to pay to improve the engagement experience. So "pay to win" is the basis of "play to earn", and the playability of application is the basis of "pay to win".

VJY will be able to offer the player a data transparent, transparent rules and will not happen backstage manipulation, malicious induced consumption of fair, open, fair game environment, want players assets can long aging, security, to the preservation of the center. VJY, meanwhile, hopes by GameFi model, economic model of digital assets value of fission.



3.5 DID (digital identity)

DID, or Distributed Digital Identity. Compared with the traditional identity system based on Public Key Infrastructure (PKI), the DID digital identity system based on blockchain has the characteristics of ensuring data authenticity, protecting user privacy and security, and strong portability.

The advantages of DID in VJY ecology are:

- Decentralization: based on blockchain, identity data is not controlled by a single centralized authority;
- Self-controlled identity: based on DPKI (distributed public Key Infrastructure), each user's identity is not controlled by a trusted third party, but by its owner, and individuals can manage their own identity independently;
- Trusted data exchange: identity-related data is anchored on the blockchain, and the authentication process does not need to depend on the application providing the identity. A user's VJY DID digital identity consists of three parts: a DID identifier, a DID document, and verifiable credentials. Each DID must have a unique DID document, but can have an indefinite number of verifiable credentials.
- DID identifier: The digital identity is identified by the DID, so the DID identifier should be unique within the application and self-discovery across applications. The VJY DID identifier conforms to the W3C specification and consists of three parts: fixed prefix "did: hpc", partition identifier "chain_id", and unique number identifier "account_address".
- DID document: The VJY DID document is used to describe the characteristics of the digital identity and has a one-to-one correspondence with the DID identifier. VJY DID documents record account public key, account status, authorization management account, and provide extensible fields for users to flexibly configure according to business scenarios. The verification of transactions related to digital identity services will be based on the public key in the VJY DID document.

Proof can verify, verifiable documents: used to describe a digital identity of the

identity of the holder in the real world attributes, which will record issued, validity, and prove the information such as the attribute. The verifiable certificate is issued by an authority, and a digital identity can have an indefinite number of verifiable certificates.

With the development of the metaverse, each individual virtual reality will have a unique identity, and the VJY DID account is a natural fit for this scenario. Users have unique DID account identities in the VJY metaverse, which can contain all kinds of real and valid credentials of individuals in real life, as well as all kinds of authorization credentials in the virtual world. According to actual needs, users can choose to display or use them to experience better services brought by the metaverse. At the same time, yuan universe scene can have different VJY DID account status, and also can implement different yuan account shuttle between the universe, asset transactions "across the universe".

To sum up, the decentralized VJY DID account system can not only be flexibly applied to the fields of C-end data authorization, B-end industry supervision and G-end government affairs, but also avoid the embarrassing scene of traditional blockchain accounts losing private keys and then zeroing assets. In addition, it can also build on-chain application one-click login service and metaverse identity system.

3.6 Datafi

With the development of blockchain, big data, artificial intelligence and other technologies, the "information Internet era" represented by Web2.0 is also evolving towards Web3.0, that is, the "value Internet era". In this process, "data" has gradually become the core of economic development.

Under this trend, the data as a "resource", has been not enough to adapt to the demand of The Times; In order to promote the flow of data and promote the occurrence of intelligent society, data should be regarded as "assets", and its ownership, use right, management right and distribution right should be clearly defined. The development of the society is gradually shifted from resource driven economy to data driven economy. This shift means a shift in the trajectory of economic development, and the impact of this shift is constantly spreading

outward, the impact of which is particularly visible in areas such as the data-based Internet and blockchain.

Data capitalization is the next milestone subversion world and promote the development of era. In line with the trend of The Times, VJY took the lead in developing the "DataFi" economic format in the blockchain field.

"DataFi" is the abbreviation of Data Finance, broadly refers to the data resources legally owned or controlled by the organization, with text, image, database and other structured or unstructured data, can directly or indirectly bring economic and social benefits of financial or commercial behavior.

VJY puts forward "DataFi" means through the combination of the real world and chain data, such as text, images, databases, structured or unstructured data, as the DeFi, NFT, yuan chains such as the application can bring economic benefit and social benefit directly or indirectly, financial or commercial behavior, its core is assigned to the ecological industry, To provide commercialized high-value data for the development of the on-chain world.

In the information age, information can be accessed anywhere, at any time and at almost no cost. The blockchain field is characterized by openness and transparency, and massive data on the chain can be accessed arbitrarily. But even though information is everywhere, people still make decisions, and data overwhelms us. Software engineers to do at this time, procedures, tools, force and the algorithm has become very important. This is the time when the application first, the data is only a by-product of digital services. But now, the age of information is moving to the age of intelligence.

Because the scale and speed of data generation are now so large and so fast, the scale and frequency of data use by computers are constantly increasing. At the same time, data makes machines more intelligent. We should note that the whole application now, starting with data, makes the system intelligent, so that it can handle more data. Therefore, in the era of intelligence, data comes first and data is the fundamental first starting point. When this concept changes, we see that the scale of data is also expanding rapidly. IDC predicts that by 2025, the global data will reach 175 zetabytes, of which 90 zetabytes may come from the Internet of Things, and 80 percent of the data will be unstructured.

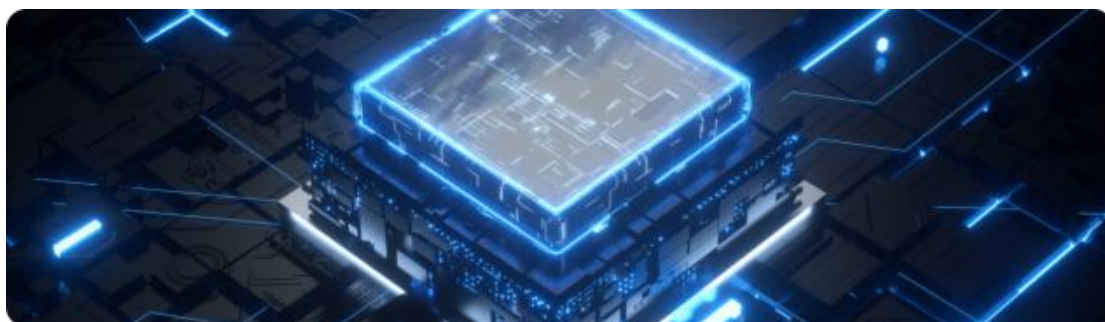
Let's look at the economic benefits of global data flows. McKinsey did an

analysis shows that during 2005 ~ 2014, cross-border data flows brought about 3% of global GDP growth, data stream generated by the added value is estimated to be 2.3 trillion. The most recent data available for 2022 suggest that nearly 8% of the EU's GDP is generated from personal data. Due to data across borders, and at the same time also prompted the trade flows, foreign direct investment and personnel flow, etc., so if you consider direct and indirect effects of data flow, is already more than goods trade's contribution to the GDP. So data is not only the starting point for scientific ingenuity, it is also the source of wealth.

Relying on the global node and resource system, VJY has created the first encrypted data computing network, and built the ecological data link layer, network layer and transmission layer on the chain. It can not only transmit the off-chain data information to the chain, but also realize the aggregation of the on-chain information to the off-chain processing, reducing the use of data information and computing costs.

The on-chain data information is complex, and the seemingly simple data integration function actually needs the support of powerful off-chain computing capability. The global distributed data source to be built by VJY will lay a strong foundation for DataFi to realize the commercialization of data information.

The "DataFi" application created by VJY serves users who access data through the network. In the coming metaverse, data is an asset and data is value. VJY enables every role involved in data circulation, such as production data, calculation data, transmission data and storage data, to obtain corresponding benefits. VJY not only enriches the ecosystem on the chain, but also gives back to every node that builds the first encrypted data computing network ecosystem.



3.7 NFT integrated application

In the VJY-Web3.0 application ecosystem, NFTs will play the role of increasing interest and incentive. In addition to the gameplay within the ecosystem, we will expand the service link of NFTS and create an NFT integrated application market, so as to increase the value circulation and realization of users after obtaining NFTS in the application, so as to form a closed loop from production, reward, auction, trading, etc. VJY NFT integrated application service platform user not only, also will become the NFT comprehensive service in the market.

- Build an NFT basic service platform to provide transaction support services for the tokenization of project ecological assets and the digital economy derived from NFTS;
- Provide industrial NFT application solutions, and third parties can formulate reasonable NFT application models based on the actual situation of each industry;

1) NFT creation

VJY will create an NFT creation space for everyone, hoping to drive the creator economy to the next level, enabling creators to enjoy permanent royalties, revenue sharing and affordable seigniorage. VJY will through independent innovation system and chain across the bottom of the agreement, to provide global artists and NFT low-cost high-performance block chain technology support, artist only focus on work, be entitled ultra-high incremental market liquidity for its NFT can assign work, from the comprehensive gain value in the tide of NFT.

By linking NFT artists/institutions and users, VJY will become an important channel for NFT concept popularization, market education and liquidity expansion, and provide artists, ordinary users and professional NFT institutions with a comprehensive experience of platform empowerment, cheap minting, work display and sales, promoting the popularization and promotion of NFT. Jointly explore the infinite possibilities of NFT in the field of artistic value and application, so that everyone can become an NFT artist!

2) NFT auctions

Will build VJY NFT items and value product auction service ecological, for artists, players, investors and collectors to provide a kind of brand-new, can rely on the business model and platform. VJY NFT Item and Value Product Auction is a DApp developed on the basis of independent agreement, which provides the infrastructure for NFT creation, trading and circulation. VJY also to establish a NFT investors protection fund, to include: investment and layout NFT platform and work head, hatch top head NFT artists, for traditional top artists to tap NFT Bridges, sponsoring art gallery, art exhibition or publishing, a prize, support for artistic creation and criticism, and establish related art collection and other aspects.

3) Primary and secondary market transactions

VJY will help high-quality projects, users, investors, relevant institutions and others to issue, trade and circulate NFT assets at the first level. Through VJY, users or players can buy NFTS before they flow into the secondary trading market, so as to get a better entry price or the priority right to experience the project earlier. For example, users can directly participate in the market subscription on the VJY platform in order to get a better entry price or the priority right to experience the project earlier. In terms of secondary market liquidity, VJY Secondary Market will rely on the huge flow of partners to help users solve the problem of secondary market liquidity. On the VJY platform, buyers and sellers can trade freely on the NFT secondary market.

4) NFT financial management - fragmented transactions

Users can fragment one or more NFT assets held by them in VJY's NFT fragmentation transaction. On the basis of NFT fragmentation, automatic market maker (AMM) and Liquidity Farming are introduced. NFT holders can create an MToken by depositing and locking their own NFTS based on the ERC-721/ERC-1155 standard in a smart contract. An MToken is an ERC-20 token whose issuance is set by the creator. An MToken contains one or more collections of NFTS. Purchasers can acquire partial ownership of the collection of NFTS by purchasing MTokens (depending on the number of MTokens held).

NFT collectors can bid on NFTS, collect individual NFTS in the collection, and MToken holders vote on whether to accept the highest bid. When the number of votes that agree to accept the highest bid reaches a certain percentage (which is set by the creator when creating the MToken), the NFT will be unlocked, the highest bidder can claim the NFT, and the holder of the MToken can receive the proceeds

from the sale of the NFT in proportion.

Mtokens are essentially governance tokens that give holders voting rights and a share of the proceeds. In order to get more revenue, the model encourages MToken holders to actively participate in the voting when the bidding of the NFT collection reaches the expected valuation. It also gives MToken holders the incentive to promote the collection, giving the NFT the opportunity to get higher bids.



3.9VJY Digital City

In the VJY4.0 application ecosystem, the metaverse will be the core. We will set up a large immersive interactive virtual world that third-party developers or institutions also can low cost to build their own digital city yuan universe.

1) Virtual world of the metaverse

As the key to unlock the virtual reality world, VR equipment is currently becoming the best presentation carrier of the metaverse. In the 5G era, cloud technology +AI provides the technical soil for virtual reality to grow infinitely. The immersive interactive experience brought by the metaverse will have the opportunity to change the form of the Internet. With RMB to build infrastructure of the universe gradually improve, yuan the arrival of the universe will be faster and faster, and based on the existing infrastructure yuan universe prototype actually has emerged. The virtual world created by VJY Digital City is supported by more scenes.

VJY digital city will introduce the human consciousness to the virtual world, the

brain believes he has created a virtual world. In this virtual world:

Image could be set by user/players themselves, height, body shape and appearance;

- The user/player is the first perspective and will have a feeling of being in it!

, sight, hearing, touch, smell, all have almost the same and the feeling of the real world.

- Users/players can do many types of activities, such as playing games, shopping, eating, dancing..... for leisure Can also be in the office, business negotiation, emptying, hang out, doing nothing, even what you can do in the real world can't realize: fly, teleportation, etc.

2) Metaverse entertainment and leisure

- Concerts: VJY will allow different stars to use VJY to hold more different virtual concerts, so that the audience can not only chat with global fans through the platform, but also use virtual emojis to influence the stage of the show and interact with the performers in real time. VJY will use the star effect to promote the market and attract different users to register on VJY to increase the number of users and increase the market share.
- Virtual Cinema: VJY will cooperate with distributors of different sizes around the world to provide distributors with an innovative and different channel to distribute their movies, so that our users can watch different movies
- Virtual reality film: VR is a new creative idea and beginning, which is completely different from the traditional way of film shooting. Under the 360-degree panorama of VR film, the audience is not only told a story, but becomes part of the story. In fact, the uniqueness of VR movies lies in the free viewing Angle, immersive viewing experience and interactive feeling. There is no screen in front of the audience, so long as the audience wears helmet glasses and headphones, they can immerse themselves in the scene, realize the interaction between people and the movie characters or scenes in the drama, and create a three-dimensional virtual space that cannot be created by previous movies. Even at home, they can experience IMAX-level movie effects. It has the unique charm that traditional movies lack, and it can



expand the expression form of drama.

- Video platform: Create a new virtual world video sharing and KOL influencer live streaming platform within VJY. For different users and KOL web celebrity can use AR (augmented reality), VR (virtual reality), 3 d (three dimensional technology) technologies such as filming a short video on the live and life, so that the audience brand-new visual effects.
- Virtual karaoke: VJY will have karaoke rooms with different themes, allowing users to meet with different friends from all over the world. In addition, we also provide private club service, so that users can find a member of the opposite sex to sing and chat with them.

Live, different sports events: in terms of live events VJY will use (AR), (VR), (3 d) technology to broadcast live events, VR gave the audience may feel a sense of immersion, through VR virtual reality technology to watch the game, the immersive experience for the audience is unusual viewing experience. VR live sports events from the Angle of view, which is closer to the audience and competition environment of the distance, the presence of viewing atmosphere for the audience.

From the economic benefits, the breakthrough the limitation of seats, the scene billion viewers, also developed a new addition to industry to provide broadcast rights, VR devices, VR ads of closed-loop chain, its unique interaction may live platform to create new profit point. Perhaps doesn't take long, VR in the field of live video of the new changes will reshape the industry.





3) Metaverse expansion

In the future, in VJY Digital City, we will also introduce more mapping of physical industries, such as:

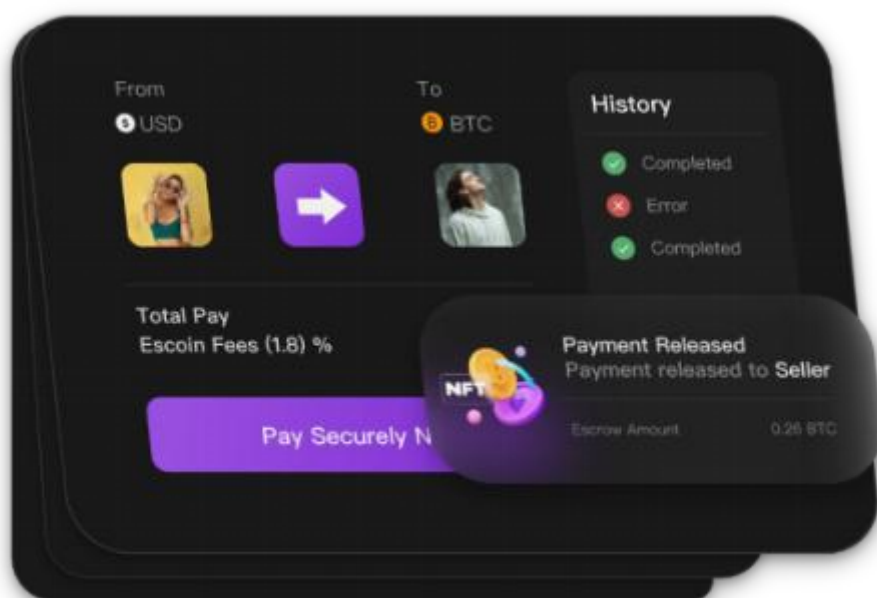
- Consumer metaverse: The traditional retail business model is still highly immersive, where consumers can directly touch goods and merchants will actively introduce products and interact with consumers. These traditional business models will have great potential under the influence of immersive commerce in VJY Digital City.
- Education metaverse: The basic feature of students in VJY Digital City is that they have a sense of immersion, and learning with vivid scenes and experiences is often more attractive, which is also the advantage of it over face-to-face education. Experiential learning will have a higher learning drive and learning engagement, thus bringing higher efficiency and better effect of online learning. Now mankind has entered the "life is to learn, to learn is life" stage, the content of the learning becomes a lifelong, all-weather, VJY digital city can provide maximum space for this study and the best technical support.
- Real estate metaverse: VJY Digital City, using VR immersive experience may become an important way for people to screen properties in the future, while also displaying enhanced information related to the property in this experience.
- Tourism metaverse: VJY Digital City, which allows people to experience visiting famous global attractions from their homes. Using VR technology, users can experience five monuments in Egypt. In future VJY digital city, tourism is a common experience, can support more than a few friends can visit together through remote rendering virtual world a scenic spot.

Yuan, architecture, engineering and design the universe: create an interoperable collaboration space, architects, engineers and designers on the platform can joint space design. Platform can even AI model of fluid mechanics and other physical simulated real world library together.

- Healthcare metaverse: In healthcare, VJY Digital City can cover potential applications such as diagnostic treatment, telemedicine, remote patient care

and monitoring. Especially if it can be a virtual diagnosis and treatment experience from 2 d to 3 d experience, or redefine medical revolution. VJY digital city, therefore, the online medical yuan universe is medical wisdom, will also be immersive experience, 360 - degree all-around aggregation, can contain the visual, smell, touch, hearing, etc. Through the deep application of artificial intelligence, big data, cloud computing, virtual reality and other technologies, the medical service will be more intelligent, more personalized, more accurate and high-quality. In addition, the online medical VJY digital city will also be the most advanced technology, fusion holographic construction technology, holographic technology, simulation technology, the actual fusion between virtual linkage technology, create a basis for application of medical class yuan universe.

- Immersive physical world: VJY Digital City is not only a digital space concept, but also a physical space concept. The Internet of Things will feed data, geospatially triggered content mirrors into the VJY virtual city, allowing us to understand, manipulate and simulate the real world in new ways, and VJY will have unparalleled enhanced experiences.



Chapter 4 VJY economic model design

4.1 VJY tokens of economics

VJY will issue VJY tokens and play various roles in governance and utility. VJY tokens for SocialFi, DEX, independent stand, digital IP, GameFi, DID (digital identity), DeFi, Datafi, NFT polymerization, such as Web3.0 ecological, social, games, and the future users in yuan universe exhibition and trading their own NFT and other kinds of assets, Through the link VJY as value carrier ecological network to provide liquidity.

1) Token information

© Full name: VJY Token

© Abbreviation: VJY

When issuing protocol: ICT20 (ICPLAZA chain)

© Consensus mechanism: proof of POP participation

VJY, inject new impetus into the Web3.0 market!

A new generation of Web3 application tokens, let you catch the next wave of digital economy.

2) Token application scenarios

© VJY platform governance

When VJY Wallet scrip

© VJY DAO governance

When VJY DEX transaction governance scrip

© Use VJY to initiate proposals and vote

© Use VJY to destroy and mint NFTS

4.2 user motivation

1) User incentive

By giving away **GUP**(credit points), more fans will be attracted to VJY. Held VJY user can cast VJY by oneself, users can enjoy the fees deduction, assets value-added benefits, participate in the platform management, initiate proposals, voted to reward, cash stock rights, etc.

Will be on all kinds of incentives will VJY VJY awarded to contribute to the user. Through the incentive mechanism, the platform will give back to the community users and enjoy the rights and interests of the VJY platform by holding VJY tokens.

2) online activities

VJY initial, especially through the kol, news media, community leaders, multi-channel dispersing pertains dropped activities such as recruiting activities, super partners trading fee reduction activities, helping the community, community construction operations. By opinion leader community management, a full range of promotional activities, community sweepstakes, q&a gift-giving activities.



4.3 The value of VJY mapping

In the future, VJY scrip holders, enjoy VJY platform, VJY DEX, VJY DAO, and many other rights and interests. VJY DAO also further application platform in the global layout, ecological incentive model and so on, to drive the value of all things digital development of point to point transfer, and expand the application of boundary block chain technology and technical boundary, let the world more users feel Web3.0 value and application of ecological wealth gains.

1) VJY tokens, the basis of the value

VJY tokens is similar to the function of the currency. Generally speaking, the currency has four functions: store of value, medium of exchange, the unit of account, deferred payment standard, in order to meet the above function, VJY tokens, specially designed for the following features:

Value, storage: store of value can value of the assets and assets will not be depreciated over time. VJY tokens is a medium of payment, its design in the volatile market also can guarantee the stability of prices and rising steadily.

, a medium of exchange, medium of exchange is all represents the value standard, is used to promote the sale of goods or services, buy or exchange (trade). In the VJY digital city business, use VJY tokens to a deal.

, a unit of account: the value of a unit of account is a standardized weights and measures, used in pricing of goods and services. Although outside the block chain VJY tokens, has not yet become the value of standard weights and measures, but it's in VJY platform, VJY DEX, VJY Dapps DAO and some cooperation will serve as a unit of account.

2) VJY tokens, application value

Basis function based on VJY ecological design, we can see clear VJY tokens in the field of trading, DAO governance, investment will play a bigger role, the future will also cover more aspects:

When trading

When DAO governance

© Investment field

Will receive other encryption asset-backed VJY tokens for NFT investment and financial management, enjoy the double value of assets, NFT trading records stored in the block chain, tamper-resistant, free charge to an account disputes, combine VJY tokens and IDO, increase the income, Using VJY tokens features developed on the basis of Web3.0 loans, derivatives, prediction markets and other long-term intelligent contracts need to price stability.



Chapter 5 DAO governance

5.1 VJY DAO

VJY DAO will create a transparent, intuitive and wise governance framework, to ensure that no individual or group can control network, VJY DAO are struggling to find the necessary right rules and mechanisms, to create such an unprecedented but crucial governance system, VJY DAO will achieve full decentralization and height of the consensus, 100% of community management on its own.

With VJY tokens as proof value of circulation and incentives, and then use smart contract determine the members of the collaboration and profit distribution pattern. Differentiate between members and there is no clear identity, such as investors, developers, partners, operators and consumers, etc., will be for possession of VJY tokens, and become a member of the community. Members can through contracts between continuous optimization of the structure, constantly seeking the shortest path, keep efficient coordination ability and better development direction.

In the community, all VJY scrip holders have the right to participate in a bill, and vote. In "a scrip, one vote", under the basic principles of all members of the community together to build scientific management system, implementation of goal, process and results of the DAO governance. Different users may have different voting weight. VJY scrip holders can participate in the following discussion, discuss what is beneficial to the development of VJY DAO:

- community development issues
- proposal about tokens of economics
- VJY important model parameters
- VJY cooperation and development

Marketing activities,

The exchanges and cooperation,

Other matters related to the marketing strategy

5.2 the governance structure

We will set up VJY DAO management committee, responsible for the affairs of the DAO. The management committee members can not only contribute to the development of VJY, but also an additional revenues from the bill of landing.

By the core members, policy committee members, foundations, and members of the DAO of sifang to common governance. Holding the governance token VJY can initiate proposals and vote; In the VJY DAO decision-making system, there are only agree and disagree and the minority needs to obey the majority. Anyone can submit DAO application + referendum. This makes community decision making very direct and efficient. The direction of the proposal: ecological marketing, iterative Web3.0 technology, audit, airlift, funding, DAOVault management affairs.

1) members

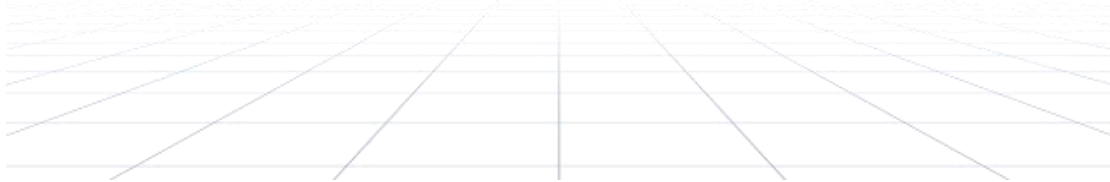
- Core members: core sponsors, technical contributors, etc.;
- Strategy Committee members: VJY DAO Super Partners can apply to join the committee, which is limited to 21 members;
- DAO members: VJY DAO Martian NFT holders who hold a certain amount of VJY and meet the requirements to become one of the sponsors;
- Foundations: early funders and community contributors.

2) Vote

- position VJY tokens, users, governance can be got through the pledge to vote;
- 108 Super partners, who receive governance voting rights;
- Users who hold positions in newly launched or pending project tokens can

obtain voting rights by pledging;

- DAO members who hold positions in Martian NFTS can earn voting rights.



5.3 Introduce a pledge mechanism

VJY DAO is still in its early stages, and community members are not yet familiar with the DAO governance mechanism. Therefore, VJY adopted the DAO principle of "governance to earn" in the early stage to encourage and attract more users to actively participate in DAO governance. Before participating in the DAO governance, players need to pledge a certain number of VJY tokens to obtain the right to vote. In return, users can earn rewards during the voting and proposal process.

- Users who pledge more than a certain amount of VJY tokens have the right to initiate a proposal. If half of Staking's users agree, the proposal will officially move to the DAO governance stage.
- Each user invests a certain amount of VJY tokens at a time, with no cap. VJY corresponds to the voting weight, which is based on the proposal with the highest voting weight.

DAO governance after each round, the highest voting weight VJY consumed by a successful proposal tokens will be returned to the users to vote on the proposal. The VJY tokens consumed by the failed proposal will be distributed fairly to the users who participated in the successful proposal based on their voting weights.

- All participating users are rewarded with a certain amount of VJY tokens

pledged.

Adopt a parliamentary vote to protect DAO members and community nodes. Any community member can act as a proposer. As a voluntary, self-organizing, self-managed blockchain community, VJY DAO is not a company or entity owned by a handful of founders and investors, but a borderless organization owned by the people who contribute to it.

Ownership and control are in the hands of all community members, and everyone can make a difference, regardless of their abilities and experience. Each is committed to development and the common mission of the community members are all equal, community members can initiate proposals, participate in discussion and vote.



5.4 Advantages of DAO operation

- Eliminate fraud: The VJY DAO Foundation's funds are obtained and used in an open and transparent manner. The source and destination of each fund are clear, and there is no underground transaction.
- Reduce communication costs: Implementation decisions are non-negotiable, and only run on contracts and voted proposals.
- Reduce administrative costs: There is no hierarchy and no administrative costs.
- Equality: without hierarchy, everyone is equal.



- No dictatorship: all can propose solutions for the organization and may be used.

Unity: all of the participants, held VJY VJY DAO run better, tokens will be more valuable. All participants will have the same goal to make the platform work better. At the same time, making proposals and voting require a certain amount of tokens. Therefore, voters will be from the perspective of the vision and sincerely seeks the welfare for development platform.



Chapter 6 Global team and project implementation

6.1 Global Teams

VJY was initiated by VJY DAO and developed jointly with ICPLAZA technical team. Therefore, it brings together industry experts in various fields such as computer, information security, communication, mathematics, linked games, NFT, DeFi, metaverse, social, storage, cross-chain, Web development and high-frequency algorithmic trading. At the bottom of chain blocks, distributed database, cipher algorithm, using layer construction, cross chain technology has a wealth of experience. The team not only has strong technical capabilities, but also has excellent scientific research capabilities, and has continuously made major research breakthroughs in distributed ledger and cryptography and other fields.

Dr. Adrian, a C language expert and blockchain technology expert, has long studied the application of blockchain technology in the financial field. He has participated in the cross-platform transplantation of mining algorithms and the development and management of mining machine software for Bitcoin, ETH and other virtual currencies. In the virtual digital currency wallet in the technical architecture and virtual digital exchange, has rich experience.

Stanford - Senior programmer, PhD in Computer Science from Caltech, senior expert on blockchain technology application, and expert on DeFi 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.

Bradley, graduated from Harvard University, is good at intelligent speech technology, social networks and traceability technology, Python, and application development. He has more than 100 professional publications and more than 80 core patents in the field of intelligent interaction. He is also the drafter of several international standards. He also provides overall consulting services for projects, and provides strategic support to help projects realize their application.

Giles, technology developers, Harvard University master of computer, Python

language experts, block chain technical engineers. The study involved in data mining, artificial intelligence and algorithm optimization, etc. Responsible for the construction and optimization of artificial intelligence algorithms.

Hubery, application developer, block chain technology, senior engineer, has extensive experience in development in the field of private social network. With 15 years experience in Internet industry, proficient in a variety of computer language, is good at long mass high concurrency architecture design are available, and has rich experience in r&d management.

Justin - who have served in the IBM computer research centre. Through the paper a new direction of cryptography in contact with the digital cryptography, by asymmetric encryption, elliptic curve algorithm and other means to verify the feasibility of distributed this charge to an account. At the same time, the master of COINS, etheric fang, HyperLedger mainstream block chain technology principle and implement of contract for block chain mechanism of consensus, intelligence, cross chain, side chain, privacy protection and so on have a deep understanding and rich experience.

6.2 be born advantages

1) technical level

VJY will block chain function modular, integrated in ICPLAZA chain engine and front-end development tool, direct cover DAPP third-party developers, to get VJY tokens VJY gameplay and incentive, covering the global users.

- VJY technology integration to the back-end service logic, using the node server throughout the rest of the world, for developers to access on DAPP system, provides a quick communication solutions and reliable intelligent contract server-side logic.

, the universe around yuan upgrade, make a complete set of development tools, documentation, and the development community, to provide the most perfect and convenient developer ecosystem, complete continuous

ecological upgrade power through a third party.

2) hardware level

, interactive technology: with hologram, VR virtual imaging iterative update to realize interaction technology, bring VJY user immersive sensory experience.

3 d hardware: in the future, 3 d will be VJY development way of rendering, interactive content for yuan universe and immersive experience to provide support.

AI AI: natural language processing, intelligent voice, machine learning, and provide technical support for the application of ecological and convenience.

Mature, NETwork, communication NETwork technology, to ensure the data transmission speed and speed.

The Internet of things: the guarantee of virtual and reality as the link, the ecological and orderly management.

3) the operating level

- VJY will application issue of globalization and team cooperation, integration VJY tokens, pay, NFT value-added and tokens, the circulation of global operations, to enlarge the range of assets in the global circulation.
- Continuously improve the construction of DAPP, and reach strategic cooperation with the world's top media giants in the future to promote applications and products based on VJY technology.

4) Incentive level

- In the VJY system, users can realize securitization, efficient circulation and decentralization of asset value through VJY tokens to obtain higher value participation returns.

With the support of core competitiveness, VJY's commercialization logic is clear, and supports multi-chain and cross-chain. Each technical link and organization has a strong target and logical gene, and on this basis, it puts forward many modular and transformed technical solutions or mechanisms.

6.3 Implementation of development route

Set up the R&D team, define the business development needs, determine the design ideas, and formulate the preliminary development and operation plan:

- VJY token issuance, white paper, roadmap, audit, cmc, token application model launch, etc.;
- The VJY platform was built, and the metaverse virtual reality ecosystem was initially established.
- VJY tokens will first go online at ICTDEX to share the exchange's publicity channels.
- VJY will be fully launched, and then promoted on various media platforms around the world, looking for more relevant enterprises and other partners to live in ICTdex and expand the influence of the platform.
- Applications such as SocialFi, VJY DEX, Indie, Digital Person IP, GameFi, DID (digital identity), DeFi, Datafi, NFT aggregation, etc. are continuously launched, enabling users to complete the virtual and real travel;
- VJY tokens, continue to launch the international mainstream exchange (such as Coinbase and the fire, the easy, etc.), open issue depth distribution and ecological construction. With the continuous launch of VJY tokens on major exchanges around the world and supporting ecological value support, VJY tokens will truly have the potential to become mainstream coins.
- Fully expand the platform, continue to iterate on the underlying technology, and build a technical system;
- Promote and optimize, and achieve viral marketing through joint community publicity;
- Global promotion upgrade, combined with major platforms to promote the homepage, etc., to greatly increase awareness;

- Jointly built DAO autonomous model, contacted major enterprises around the world, and established initial strategic cooperation;
- Open financing plan, plan to introduce capital worldwide and obtain angel investment.

To become the most influential web3 application service provider, third-party developers can also use VJY's system to create web3 applications easily and efficiently. Integrate many industries, organize multi-language platforms, and carry out global business collaboration. VJY tokens will continue to be launched on the world's top exchanges, actively promote the fission of VJY value, and enhance the international influence of VJY.

The development path of VJY is as follows:

© VJY 1.0

- Web3 basic system setup
- Build the core layer with DAO governance concept

© VJY 2.0

- Web3 system application upgrade
- Expand the core layer to allow more people to participate in DAO governance

© VJY 3.0

- Metaverse infrastructure building and integration
- including hardware and software integration

© VJY 4.0

- Open a portal to explore the metaverse
- Build a metaverse digital city belonging to VJY

Chapter 7 Disclaimer

Nothing contained in this white paper constitutes legal, financial, business or tax advice and you should consult your own legal, financial, business or other professional adviser before engaging in any activity relating thereto. Community staff, project development team members, third party development organizations, and service providers are not liable for direct or indirect damages and losses that may result from the use of this White Paper. This white paper is for general information purposes only and does not constitute a prospectus, an offer document, an offer of securities, a solicitation for investment or any offer to sell any product, item or asset, whether digital or otherwise. The following information may not be exhaustive and is not meant to have any element relevant to the contract.

The White Paper does not guarantee the accuracy or completeness of the information and does not guarantee or undertake to provide an indication of the accuracy or completeness of the information. To the extent that this white paper contains information obtained from third parties, the Community and project team have not independently verified the accuracy and completeness of such information. In addition, you need to understand is that the surrounding environment and the situation could change at any time, so it is possible that this white paper obsolete because of this, the community has no obligation to update or correct the related content and files.

No part of this White Paper constitutes and will not constitute any offer by the Community, the Distributor, or any sales team (as defined in this Agreement), nor shall anything stated in this White Paper be relied upon as a basis for any contract or investment decision. Nothing contained in this white Paper shall be relied upon as a representation, commitment or guarantee of future performance. By accessing and using this white Paper or any of its contents, you are providing this Community, its affiliates and your team with the following warranties:

© In any decision to purchase Tokens, you have not relied on any statement in this white paper;

© 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 not have any value, does not guarantee or represent any value or circulation properties, and may not be used to make speculative related investments;

© Neither the Community nor its affiliates nor team members are responsible or liable for the value, transferability, liquidity of the Token, or any market through which VJY is provided through third parties or otherwise;

© You acknowledge, understand and agree that you will not be eligible to purchase any Token if you are a citizen, national, resident, residence or green card holder of a geographic area or country that meets the following conditions:

- i. The sale of Tokens may be defined or interpreted as the sale of securities (however named) or investment products;
- ii. Countries and regions where access to and participation in the sale of the Token is prohibited by law or where the Token is prohibited by laws, policies, regulations, treaties or administrative regulations.

The VJY Team does not and does not intend to make any representations, warranties and commitments to any entity or individual and hereby disclaims any responsibility (including but not limited to the accuracy, completeness, timeliness and reliability of the contents of this white paper as well as the contents of other materials published by any community). In the legal maximum allowable range, The Community, the relevant entities and the service providers shall not be liable for any indirect, special, incidental, indirect or other damages (including but not limited to any errors or omissions) arising from the use of the contents of the White Paper, the relevant materials published by the Community and the relevant contents displayed through other forms (including but not limited to any errors or omissions). Not limited to any liability arising from any breach of contract or negligence, any loss of revenue and profit, and loss of usage and data). Prospective purchasers should carefully consider and evaluate all risks and uncertainties (including financial, legal and uncertain risks) associated with the sale, the community, the distributor and the team.

The information provided in this white paper is for community discussion only and is not legally binding. No one is obligated to enter into any contract and binding legal commitment in connection with the acquisition of VJY, and no virtual currency or other form of payment will be accepted in this white paper beyond that.

The sale and purchase Agreement for the Token and the continued holding of the Token for a long period of time are subject to a separate set of terms or a Purchase Agreement (as the case may be) containing the relevant terms and conditions, which will be provided to you separately or can be obtained from the website. In the event of any inconsistency between these Terms and Conditions and this White Paper, please refer to these Terms and Conditions.

The Regulatory authorities have not reviewed or approved any of the information set out in this White Paper and there is no provision under the laws, regulatory requirements and rules of any jurisdiction that it is required or will be required to do so. The publication, distribution or dissemination of this White Paper does not imply that the requirements or rules of the applicable laws and regulations have been fulfilled or complied with. This is only a conceptual white paper to describe the vision development goals of the VJY to be developed. This white paper may be amended or replaced from time to time. There is no obligation to update this White Paper or to provide information to the audience beyond the scope of this white paper.

All statements contained in this white paper, press releases and publicly accessible statements as well as oral statements that may be made by the community and the VJY team may constitute forward-looking statements (including statements of intent related thereto and aspects of confidence and expectations regarding current market conditions, business strategies and plans, financial condition, specific provisions and risk management decisions). Attention please, don't rely too much on these forward-looking statements, because these statements involve known and unknown risks, risks of uncertainty and other factors, this may lead to the future actual results and described the content of these forward-looking statements, at the same time, to be sure, not an independent third party review and judge the rationality of these statements and assumptions. These forward-looking statements applies only to the date shown in this white paper, communities and VJY team made it clear that the date after caused by these forward-looking statements are revised and the consequences or events do not assume any liability (whether express or implied).

The use herein of the names or trademarks of any company or platform (other than those associated with the Community or its affiliates) does not imply any association with or endorsement by these third party platforms and companies. References to specific companies and platforms such as those in this white paper are for reference and illustration purposes only.