



Leading Web3 Chain Tour Encryption Entertainment Aggregation Platform

Explore the boundless virtual and create the extreme realm
of the meta-universe together





In the coming meta-universe era, the environmental forms, social forms, and governance forms created by human societies in qualitative space will be parallel to those created in the meta-universe; humans will live in both qualitative space and the meta-universe, with unlimited expansion of their perceptual and cognitive abilities, and even the creation of new species.

Meta-universe era will bring reality and virtual worlds side by side

In the future, GamF will serve as a vehicle for human beings to touch a wider cosmic space



SUMMARIES



There are two paths before mankind
One outward, leading to the stars;
One pair inward, leading to virtual reality.

GamF's vision is to be the pioneer in Web3, the place where crypto-entertainment meets. GamF is more than just a diverse gaming environment, it aims to sublimate the platform into an innovative channel that connects the real world with the digital future, and to promote the convergence and integration of cutting-edge technologies, such as Web3.0, GameFi, SocialFi, digital entertainment, NFT, and DAO, with the aim of creating a set of meta-universe ecosystems covering all dimensions. ecosystem.





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Background

1.1 Meaning of GamF

GamF consists of four dimensions: GameFi, SocialFi, Entertainment, and X, which stands for Unknown Future and Vast Meta-Cosmos. GamF is dedicated to opening up a new dimension of both entertainment and value growth, using NFT as a link to ensure a seamless integration of the entertainment experience and economic value. GamF is committed to opening up a new dimension of both entertainment and value growth.

Taking chain game as the innovation highland and traffic entrance, its desire is not only to become a diversified gaming environment, but also to sublimate the platform into a channel of innovation and a link connecting the real world and the digital future. GamF is fully committed to promoting the convergence and combination of cutting-edge technologies, such as Web3.0, GameFi, SocialFi, Digital Entertainment, NFT, and DAO, with the aim of creating a set of meta-universe ecosystem covering all levels. The aim is to create a meta-universe ecosystem covering all levels.

GamF is ultimately about creating a meta-universe ecology of Web3.0 + GameFi + SocialFi + Entertainment + NFT + DAO.

1.2 Closed world

At this stage the metaverse is still in the realm of Web 2.0, where users are still creating or participating in virtual experiences in a closed ecosystem. These worlds are going to be game-like creations that are

more focused on being fun and interesting rather than a digital economy that is only possible in a decentralized world. A few prime examples of Web 2.0-based meta-universes centered around games are Minecraft, Fortnite, and Roblox.

Today's meta-universe is essentially a series of closed worlds or "walled gardens" where content, business practices, and consumer experiences can only exist in specific virtual environments and cannot be taken outside of those virtual worlds.

For example, a player who buys a digital item in a game cannot take that item to another virtual environment. Similarly, this player can't seamlessly move from the game to other virtual environments, just as you can't seamlessly switch between Netflix and YouTube with the same account and the same user interface. In this sense, a true meta-universe, an intertwined virtual world in which content, conversations, and commerce can be seamlessly interfaced and generalized, while seemingly close at hand, has yet to be fully realized.

Most of the "closed" worlds were created in Web 2.0 and are beginning to adopt some of the features of web 3.0 to upgrade their platforms. Although not quite web 3.0, they are still labeled as part of the metaverse because they already have some of its features. How far are we from a truly decentralized and open metaverse? A lot closer than most people think.

1.3 Open world

Decentralization means not only user-generated content and an interconnected environment, but also the ability to interact between "different worlds". The gap between worlds is currently being bridged by the use of blockchain technology, a distributed bookkeeping method that allows users to track the origin and ownership of digital tokens. Almost all companies developing metaverse components are focused on a future characterized by blockchain-enabled decentralization.

If we consider the meta-universe as a planet, then consider each virtual world as a country separated by an ocean. The introduction of blockchain was as revolutionary for this world as the invention of the ship. Users can store their digital assets on their ship (blockchain wallet) and travel between different virtual worlds, blockchain technology provides users with a third party area to store their items and allows them to take them with them. Let's say that one day a user initially purchases an item in a world that no longer exists, he/she can still have that item. If a user wants to sell the item in a different world than the one in which they originally acquired it, they are perfectly capable of doing so as well. This is real ownership in a virtual world.

1.4 GameFi puts meta-universe concepts first on the ground

In 2020, the gaming industry saw a surge in player engagement and spending on games under the global epidemic, and the growth in the gaming industry due to the ongoing epidemic continues into 2022. According to the Global Gaming Market Report 2022, the global gaming market is expected to generate \$245.8 billion in revenue in 2022. The gaming dividend period is expected to last until 2026.

During the "unprecedented" dividend period of the gaming industry, the total number of global gamers has exceeded 3 billion, and mobile gamers will continue to grow at an annual rate of more than 3% in the future. At the same time, the blockchain gaming sector under the Play-to-Earn economic model will also have a great development prospect during this dividend period. As of September 2023, DappRadar data shows that a total of 1,890 game Dapps have been online and deployed on the whole network, and the number of game users reached 927,000 on the day of September 27th, with an average daily transaction volume of \$15.62 million.

It is undeniable that the chain game itself is going through its own various stages of development and trying to provide players with new points of wealth with a better gaming experience.

1.5 Combination of reality and fiction Link to the future

Based on the above points, we believe that the future imagination of metaverse is unlimited. Aiming at the core pain points of meta-universe application, GamF hopes to build a high-performance, highly trusted and highly secure meta-universe collaborative space to clear the barriers for people to enter the digital world, help developers, game enthusiasts, elites from various industries and KOLs to easily create valuable content on the blockchain and interact with anyone to gain revenue, and ultimately promote the large-scale application of the digital world.



Introduction to GamF

GamF, the leading Web3 chain game crypto-entertainment aggregation platform, aims to upgrade the entire gaming ecosystem with blockchain technology and create a new chain game meta-universe new world. We are positioned to go beyond the traditional gaming experience and explore the edges of the future world, especially in the cutting-edge field of meta-universe. By fusing GameFi (Game Finance) and X (which stands for unknown future and vast meta-universe space), GamF is committed to pioneering a whole new dimension of both entertainment and value growth, using NFT as a link to ensure the seamless integration of entertainment experience and economic value.

We value player interaction and collaboration, which is why SocialFi is a core component of our platform. In GamF, players not only enjoy an immersive gaming experience, but also enhance their connection with each other through social interactions, exploring and shaping the virtual world together. We believe that combining social networking with financial incentives creates a more dynamic and engaging gaming ecosystem.

Furthermore, our platform provides high-level entertainment services through the latest blockchain technology. Players can experience carefully crafted games on GamF, participate in tournaments, or freely explore and trade in our meta-universe. We not only provide the games themselves, but also create an environment where users can actually own and trade in-game assets.

GamF represents the future of chain-game encrypted entertainment, which is not only a gaming platform, but also a bridge connecting the real world and the future digital realm, and is committed to creating an all-encompassing Web3 experience for users. Join us in defining the new world of gaming.

2.1 Portraying the digital future through the virtual dimension

GamF hopes to provide game developers with an easy-to-use and perfect blockchain game infrastructure, including a visual development kit and on-chain ecosystem, so that developers do not need to pay attention to the implementation of blockchain technology, and can complete the development of blockchain games directly in a graphical way, with a low threshold, fast and efficient.

We hope to provide gamers with a fair, just and open gaming environment with transparent data and rules, where backstage manipulation of prop drop rates and maliciously induced consumption will not occur, and we hope that gamers' assets can be preserved for a long period of time in a safe and decentralized manner. At the same time, we hope to help developers and players achieve better consistency of interests through the digital asset economy model carried by the blockchain: we help developers assetize the content they produce, so that they can continue to gain revenue in the process of using, managing and circulating the assets, and provide a convenient and decentralized game distribution channel; we help players transform the data formed by consuming their time and energy, and props obtained from consumption, into props that can be safely stored and circulated. We help players transform the data formed by their consumption of time

and energy and the props obtained through consumption into assets that can be safely stored and circulated, so that players have the right to manage and commercialize them.

2.2 Flying Imagination and Holding Reality Tight - Dual-Center Meta-Universe Ecology

In the future, the development of GamF will move from real to virtual to digitalize real experiences on the one hand, and from virtual to real to realize digital experiences on the other.

The real and the imaginary are the key features of GamF's meta-universe ecology, and GamF's development will result in a bi-centered ecosystem of an industrial meta-universe centered on advancing the economic efficiency of the real world, and a consumer meta-universe centered on enriching the individual's spiritual world.

Multi-faceted integration is the future evolution trend of the meta-universe. In the initial stage of GamF development, a decentralized and polycentric small ecosystem of meta-universe will be formed with each industry as the core, and then similar small ecosystems will start to gradually open up data and standards among themselves to achieve similar and compatible integration.

2.3 Starting with games and extending to virtual reality industry

GamF will start by creating a meta-universe ecosystem tour. In the game development by Activision Blizzard and XBOX's core studio Infinity Ward founder of the object Jason West (Jason West) and Vince Zampella (Vince Zampella) to create. Maintaining the highest standards of

operation in the industry, the company has been recognized by the international capital market for injecting funds to expand its game development team. As a game planning to practice the meta-universe view, the core structure of scalability and openness is ready from the beginning, and the team's goal is to take the chain game as a breakthrough to be able to make GamF go longer and farther.

As GameFi economic model is gradually recognized, in the foreseeable future GamF is more than just a chain tour, but enough to build a more ambitious and perfect industry platform infrastructure.

2.4 Create the world's first pan-entertainment meta-universe world

GamF doesn't just want to build a game, but wants to export an entire digital metaverse world. Based on the SDK and NFT protocols built by GamF, the GamF team hopes that all players will be able to enjoy an amazing metaverse ecosystem.

This is demonstrated by the fact that the same NFT asset can be reused in multiple racing games, and the attributes or performance it exhibits in each racing game are different, which will greatly increase the interest and usability of the NFT asset.

2.5 Decentralized finance covering 1.7 billion people worldwide

GamF will provide a transparent, decentralized, unregulated and user-friendly one-stop platform for all parts of the financial system, enabling the average user to make the most of the best products and services in the DeFi space. At the same time, GamF will offer a range of DeFi services including universal wallets, token exchange platforms,

liquidity transfers between cryptocurrency markets and blockchain, which will further enrich the ecosystem by integrating innovative services developed in the near future. From a broader perspective, GamF can act as a banking and investment solution for the 1.7 billion global unbanked population. In addition, by emphasizing connecting the world through financial solutions, we plan to implement other innovative features in the DeFi-Blockchain space that were not available in the old version of the financial system.

GamF will play a critical role in transforming traditional finance and redistributing the profit and power balance of the shared financial system to its users. Our goal is to create a DeFi ecosystem where each individual, regardless of his/her geographic location, beliefs and social status, becomes his/her own "wealth manager" to ensure that he/she maximizes the return on his/her investment with relatively low risk.

To realize this vision, GamF's global team of DeFi experts with diverse expertise including FinTech, legal, smart contract development, business development, AML/KYC and blockchain research are committed to developing services that unlock the potential DeFi revolution.





Ecological deployment

3.1. GameFi

GameFi allows games to derive from pure entertainment to valuable investment, games can also be real life, any player can create value in the game, operate and use the game props, GameFi makes the user more interactive and has a higher degree of fun, which is one of the trends of the meta-universe, and the value of the virtual world that GameFi wants to create.

GamF's first game will soon be online after internal testing, which is GamF's most important carrier at present, as well as the traffic entrance, while the game content section is also the most important part of GamF's economic ecology.

3.2 SocialFi

GamF gathers a large number of users as well as social elements through the chain tour. Through the precipitation of GameFi, GamF will create a social meta-universe based on DAO community and extending to the physical business field, while creating application space and commercial value for NFT.

GamF will be a GameFi interest community with blockchain as the underlying technology, a platform dedicated to GameFi enthusiasts and NFT well-wishers for competitive entertainment, interest socialization, and life services. GamF is a global autonomized community, with members consisting of GamF eco-users from all over the world working

together, reflecting all the consensus through the governance of the GamF, and the collective governance of the GamF The meta-universe is collectively governed. GamF is decentralized because it has no formal leadership; it is autonomous because any member is allowed to make decisions. DAOs are mission-driven and their main goal is to create ecological value. Once a member of a DAO, everyone has a stake in the development of the ecology. Each member will be incentivized in terms of revenue by voluntarily contributing their efforts to the development of the ecology.

3.3. Web 3.0

GamF will realize the real landing of Web3.0, and open the "key" of the digital world on the basis of digital asset service. GamF Web3.0 will completely solve the three major difficulties faced by the digital world: complete decentralization, capital efficiency and stable price growth.

GamF Web3.0 will integrate DAPP applications, native aggregators, and the creation and trading of virtual assets, socialization, and auctions as a comprehensive ecological platform, expanding into the fields of digital recreation and entertainment, and NFTization of value entities, and promoting the application of blockchain technology on a wider scale. Blockchain technology is used as a realization method to pry the trillion-dollar market of the digital world in the future, and each participating node is given unlimited value in promoting and perfecting the construction of the digital world.

3.4. GamF DEX

GamF DEX is committed to breaking down the barrier of public chains, opening up more cross-public chain liquidity transactions, and providing liquidity services to more users, and adopting a new intelligent real-time trading system to realize automated trading and provide incentives to liquidity providers. At the same time, GamF DEX adopts a new intelligent real-time trading system to realize automated trading, and rewards liquidity providers. GamF DEX's vision is to allow users around the world to enjoy the DEX platform with low renewal fees, low slippage, and high efficiency with no threshold. As the circulation method of meta-universe ecological tokens, GamF DEX will launch exclusive NFT digital assets to realize users' diversified needs and traffic support.

3.5. Digital identity

GamF's digital identity is unique in that the identification module will be built into the protocol and applications developed to support it. The user has a defined autonomous identity, i.e., the user has full control over his or her identity, which means that there is no need to rely on a centralized entity or a third party for authentication. The user has a truly autonomous identity that can be created, signed, and verified, while those who interact with the user are able to prove their identity. In

addition, these users with autonomous digital identities are able to selectively disclose their information. Digital identities are an integral part of the virtual world. By themselves, digital identities can take either form, such as individuals or value intermediaries (institutions and entities). Thus, individuals can have different digital identities in different venues, such as workplace identities and family identities, but these are ultimately based on the user's real identity.

Users can build their reputation in the meta-world through digital identities, and at the same time this will improve the way we exchange value. It can do this through digital signatures, authentication requirements and transactions, and gradually build a reputation base that can be checked and verified by other digital identity and value brokers in the market. For some centralized entities, the identity and reputation they have built over the years will be lost forever if their servers crash. This is not the case with the metaverse, where users' digital identities and their reputations will be protected by the blockchain.



Technological innovation

With its deep integration with Solana, GamF has revolutionized the protocol architecture and driven a comprehensive upgrade of blockchain technology. This includes a number of innovations designed to increase speed, efficiency and scalability:

4.1. Proof of History (PoH): This innovative proof-of-time mechanism allows network participants to verify the timing of events without having to trust other nodes, facilitating efficient synchronization of the network and reducing the latency of transaction validation. PoH creates a temporal history of the time for systems that do not need to trust the consensus, proving that a particular event did indeed occur at a particular time.

4.2. Tower BFT: A customized Byzantine fault-tolerant mechanism that employs PoH as a cryptographic clock, reducing the communication overhead inherent in traditional BFT consensus algorithms. Tower BFT leverages the unique attributes of PoH to submit blocks at a faster rate and with higher reliability, thus improving the overall performance and responsiveness of the network.

4.3. Turbine: a block propagation protocol intelligently designed to minimize bandwidth requirements, enhances the speed of updates across the blockchain and maintains high performance levels by splitting data into smaller packets, allowing blocks to be quickly distributed to various nodes in the network.

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4.4. Gulf Stream: This mechanism pushes transactions to the verifier in advance, significantly reducing transaction latency and increasing throughput by executing transactions before the next block completes. Gulf Stream takes transaction execution to a whole new level, allowing the verifier to execute transactions at unprecedented speeds.

4.5. Sealevel: This is a parallel smart contract runtime engine that allows thousands of smart contracts to be processed at the same time, thus dramatically improving the efficiency and scalability of the network. Sealevel's parallel processing capabilities are similar to multi-threaded processing in traditional computing, and allow the platform to perform complex operations and numerous smart contract executions without degrading the performance of the network.

4.6. Pipelining: a transaction processing technology applied to on-chain validation nodes, similar to a pipeline of CPU instructions. It can process and validate transactions efficiently. Pipelining processes incoming data – transactions, smart contract execution, etc. – in a serialized manner, optimizing the throughput and reliability of the validation process.

4.7. Cloudbreak: an innovative solution for a data structure that efficiently organizes and accesses large amounts of account information. This data structure is designed to efficiently handle network state at high throughput. Cloudbreak's innovation lies in its ability to scale horizontally, meaning that the more data it handles, the better it performs, without tradeoffs in speed or reliability.

These innovative parallel applications place GamF at the forefront of blockchain technology. The protocol upgrades are deeply rooted in Solana's architecture, ensuring that scalability, speed, and security do not sacrifice each other. This synchronized collaboration of technological marvels enables GamF to rapidly process transactions, manage a growing ecosystem of digital assets, and solidify the cornerstone of the global transition to a Web 3.0 future. As a result, GamF is not just adapting to the demands of the modern blockchain environment, but is actively reinventing it to foster an environment of continuous innovation and endless possibilities.

4.8. Applying NFT to the Virtual and Reality Levels

GamF is reconfiguring the connection between NFT digital asset ownership and the blockchain for a decentralized world, and taking a fresh approach to bringing liquidity and capital efficiency to the blockchain economy.

GamF pioneers the first de-trusted, decentralized hosting network applicable to the governance and compliance processes of NFT assets, secured by multi-party computing, enabling decentralized hosting, cross-chain atomic swaps, cross-chain credit facilities and liquidity access.

GamF works at the forefront of blockchain cybersecurity and the blockchain industry. We use the latest cryptography and distributed ledger technology to build a robust global network that guarantees NFT digital assets can be securely hosted and traded.

GamF's mission is to build a decentralized infrastructure for pioneers and visionaries to create an open network for all.

GamF can be applied in a variety of fields, not limited to the chain tour and meta-universe categories, but also can open a special zone and be applied to the trading and circulation of NFT assets such as copyright protection, digital artwork trading, charitable activities and intellectual property rights.

(1) From time to time, users in the GamF ecosystem will enjoy premium assets, airdrop benefits for tokens, and more;

(2) Numerous meta-universe and chain-tour asset tokens will be traded and will debut at GamF, and for users to participate in the public sale of these tokens, GamF will be the channel of choice;

(3) Numerous chain tour and meta-universe type governance passes, tokens will be prioritized for open trading on GamF before going live on the three major exchanges;

(4) Controllable decentralized TO: self-service management features, support for third-party escrow, enterprise-level credit and grading, multi-type asset fund management, DeFi control panel;

(5) Decentralized Compliance: meets FATF "Travel Rules" anti-money laundering regulatory requirements, automated, customizable reporting mechanisms, transaction and communication records are archived and tamper-proof, platform is audited, certified, and insured.



Business value and application

5.1. truly anonymous decentralized applications

In the past, all DAPPs were not really decentralized, because the domain name they used was a real-name payment, and if the author of the app didn't renew the domain name or resolve the domain name, the app would not be able to be opened anymore. In addition, most of the UI parts of DAPPs are displayed using web interfaces, which need to be stored on servers, which are centralized servers, and there is a risk that they may be modified by hackers. Meanwhile, if authors don't renew their servers or delete their server files, it will cause the DAPPs to no longer work properly. In order to solve the above problems, DAO public chain has launched an epoch-making new concept of "full hosting mode", in which GamF public chain has changed the domain name, web interface and static resource files to the on-chain mode. All the domain names used for DAPP development on GamF public chain will no longer be your own domain names, but domain names rented from domain name providers all over the world. We don't need to register our own domain names, but we can rent countless domain names on the GamF platform.

Through this anonymous decentralized leasing method, GamF provides DAPP developers with a completely anonymous decentralized domain name solution. It also provides a way for DAPP users to perpetuate the use of their DAPPs. When the author no longer renews the domain name, as the user of the application, he or she can renew the domain name on his or her own according to the address of the application in

the GamF platform, without the need for consent from the author of the domain name to complete such an action. This effectively solves the concept of domain name perpetuation. And the first DAPP platform will provide at least 5 domain names, that is, there is only one domain name can be accessed, the application can be opened. When a domain name does not work properly, the system will automatically reassign a new domain name to the DAPP, ensuring that the DAPP will always have 5 available domain names. The same applies to storing Web resources. After publishing the application, all Web resources will be synchronized to all miners' nodes, ensuring that the application is backed up in all miners, thus realizing the decentralization of the application. Moreover, when the lease period is up, ordinary users can also activate the website to open again by renewing the fee.

5.2 Basic application programs

Traditional DAPP can be developed through GamF public chain to solve the last difficulty of decentralized application. Realize the development of the following applications:

- I. IOS/Android program development
- II. DWeb application development
- II. Smart Contracts/Tokens
- IV. Desktop software

5.3 Advanced Applications Program

Complex applications can also be developed through GamF public chain, such as the timed task function which is not supported by all public chains at present, the smart contract automatically triggers the corresponding function when it reaches the specified block, and the commission consumed by this automatic triggering comes from the balance of the smart contract itself. That is to say, developers need to deposit a certain amount of GAS into the application in advance, or users can deduct some more fees when they use the application as the future GAS timed task fee of the application. With this feature, we can develop very complex timed periodic tasks for complex calculations.

5.4. Virtual property rights applications

Through GamF, brands can gain publicity through advertisements in meta-space; landowners can earn revenue while retaining ownership of their land; and builders can leverage virtual assets without upfront capital commitments. GamF is a value exchange platform for virtual world landowners, players, and commercial companies that optimizes the community-owned assets while sharing profits with DAO members Utility.

5.5. Commercial advertising applications

GamF's goal is to explore different paths to monetize the metaverse and contribute to the understanding of utility-based meta-universe economies. With this goal in mind, GamF chose advertising as our

starting point because we realize that user attention is one of the most important resources in the metaverse. While productivity in the real world is expressed in tangible goods and services, productivity in the virtual world is based on users' attention. Users' participation in metaverse activities is actually an exchange between their attention and the products of the metaverse. And there is no more proven way to capture the value of that attention than through advertising. Advertisers seeking public exposure in the GamF metaverse will become a source of revenue for landowners and builders. In return, these asset holders and builders are incentivized to enrich the user's meta-universe experience to attract more traffic and make their assets more valuable to advertisers, creating a positive cycle.



VI Introduction of advantages

6.1 Diverse, safe and compliant integrated platforms

GamF can be applied in a variety of fields, not limited to DeFi, NFT, Chain Tour and Metaverse categories, but also can open a special zone and be applied to the trading and circulation of NFT assets such as copyright protection, digital artwork trading, charity activities and intellectual property rights. Many digital assets of meta-universe and chain tour categories will be premiered in GamF, and GamF will be the preferred channel if users want to participate in the public sale; Controllable decentralized hosting: with self-management function, support for third-party hosting, enterprise-level credit grading, multi-class asset fund management, DeFi control panel and so on.

6.2. Huge, integrated and interactive eco-markets

GamF will host all the NFTs and assets needed for the game, and Token will be used to trade the marketplace NFT assets into circulation. Once these NFTs are purchased, they will interact with the meta-universe or games in the meta-universe in various ways.

6.3. Linking the virtual and the real

Socialization: sharing virtual scenarios with other users in the same world and being able to have a real presence in the virtual world is a key element of the GamF meta-universe.

There are no hardware limitations: users can use different forms of hardware to access the GamF digital worlds. Interact with these worlds through extended reality (AR/VR) glasses, cell phones, tablets and wearable devices.

RICH ECONOMIC ACTIVITY: The GamF Digital World will have a fully functional economy based on crypto assets with trading, investment and real ownership.

User-generated content: GamF will be largely creator-driven and will be enriched by content and experiences made or enhanced by users themselves.

Bridged worlds: GamF users will be able to seamlessly jump between virtual worlds and take personal items from one world to another. These digital worlds can also interact with the real world in the form of access points (e.g. QR codes) and hybrid ownership of real/virtual products.

6.4. Casting, burning and interaction enhance the game experience

From the beginning, the format of most NFT games became uninteresting and lacked playability. Most go through the motions of purchasing a digital asset and hosting it in the hopes that it will appreciate in value. Some games allow users to buy NFTs and then use them in the game. While this is an improvement, GamF still feels there is more room for improvement. There must be a way to create a connection between the player and their NFT assets. GamF wants to provide the most unique and original solution: an interactive experience that is consistently fun and rewarding for the player throughout the game, from entertainment to profit.

Community consensus

In the GamF ecosystem, the practice of "codification" is at the core of the governance structure. This practice ensures that the basic rules of community governance are no longer just textual agreements, but are encoded in smart contracts that are automatically executed by the blockchain system, which not only improves the efficiency of governance, but also drastically reduces the possibility of human intervention or misuse. The consistency and stability of community rules will be enhanced through the rational distribution of power. Ensure that all on-chain activities, including major events and strategic decisions, are decided by community members through a decentralized approach - consultation and voting - to achieve true community autonomy.

Chain autonomy is embodied in the fact that all important governance parameters, such as rates and billing intervals, are handed over to the entire node to decide through online voting, further promoting the decentralization of the platform. This ensures that the decision-making process is transparent and fair, and each node can participate in the decision-making, ensuring that the platform's continued operation and development truly reflects the will of the community.

Off-chain governance, on the other hand, is the provision of network, storage, and computation infrastructure through full nodes, which take on important tasks such as verifying transactions, statistics, packing blocks, and confirming operations. Full nodes are rewarded for successfully packing blocks, but are also monitored by the GamF

community. The election of nodes is done by all members of the community through voting, and the voting mechanism is one person, one vote, one token, one vote to be precise, which ensures the unity of rights and responsibilities of token holders.

During the election process of a node, token holders need to pledge their tokens in their wallets to participate in important governance decisions. If the tokens are transferred during the voting period, it will be considered as a revocation of voting rights. This increases the authority of the vote and prevents manipulation. To ensure the validity and fairness of node elections, GamF will develop a set of candidate criteria and rules that are both rigorous and reasonable, ensuring that elected nodes have both the ability and credibility to take on the responsibilities given to them.

In addition, GamF's governance model covers an adaptable system. As the community grows and evolves, the governance plan will be adjusted and improved according to the different stages of community development, ensuring that the governance structure can continue to adapt to changes in the ecology. Such a governance structure aims to establish a transparent, fair, and self-adaptive blockchain platform that can adapt to changes in development and promote the prosperity of the entire GamF ecosystem.

8.1 Maximizing asset efficiency

GamF will help players invest in Play-to-Earn games to earn game assets and build a meta-universe ecosystem that will be enhanced by creating a super ecosystem platform that epically revolves around the meta-universe, Gamefi, and other next-generation games. For participants, the platform maximizes the utility of assets by deploying assets owned by the GameFi ecosystem and using ecological Token, and shares the profits of assets with asset owners; for cooperative game manufacturers, the platform will use blockchain technology and the concept of incentive of pass economy to reorganize the cost structure of the gaming industry, enhance the free flow of upstream and downstream resources for the gaming community, and provide players with a fairer and more transparent gaming ecosystem, bringing new opportunities for them. The platform will use blockchain technology and the concept of pass economy incentive to reorganize the cost structure of the game industry for the game community to enhance the free flow of upstream and downstream resources, provide players with a fairer and more transparent game ecology, and bring new opportunities and traffic.

8.2 Lifelong traceability

The GamF platform has a currently proven and efficient technology route, which flexibly synchronizes the existing technological achievements of the cutting-edge open source community to the gaming ecosystem, while recognizing the current technological

advantages, making a reasonable compromise between decentralization and efficiency, and open-sourcing the core code to achieve a de-trusted and efficient gaming ecosystem.

GamF utilizes smart contracts to realize the management of the game side chain, the core logic of ecological incentives, and the operation of digital assets such as game props and currencies. At the same time, the game agreement realizes the tracking and confirmation of virtual goods and original content with the characteristics of blockchain such as openness, transparency, and non-tampering, and permanently records players' game achievements, rankings, and performance across platforms, realizing the lifelongization of players' game achievements.

8.3 Diversified value-added services

GamF market NFT driven pass value will continue to increase, and the arrival of the meta-universe ecology will only make its attraction and use more popular, the ecological Token as a circulating coin in the platform of all the games can be traded tokens, which will continue to deflate with the system, and enhance the scarcity. As a carrier of value, it will circulate in DAO community, GameFi, NFT asset trading, finance and other ecological scenarios in the future.

8.4 Virtual Worlds Confirmation

In traditional centralized games, cars and accessories purchased by players are ostensibly owned by the players, but are actually owned, controlled or guaranteed by the game developer. The relevant assets exist in the closed system constructed by the game developer, which

does not have good liquidity, and the players cannot verify its scarcity, and the relevant game assets may be tampered with once the server suffers a hacker attack. If the service developer ceases to operate or is shut down, then the player's game assets are reduced to nothing.

In the first online battleship game, players' unique equipment, weapons, etc. are labeled through NFT digital assets, and their ownership really belongs to the players, while the scarcity of related NFT digital assets can be verified on the blockchain, ensuring that there is no risk of backdoor cheating. At the same time, as fully digitized and programmable NFT assets, players can directly sell these NFT assets in the open market, and NFT assets in the GamF ecosystem will have better liquidity, which will promote the trading activity of NFT assets, facilitate the discovery of the value of NFT assets, introduce more new users, and expand the scale of the entire market.

The user's NFT game assets, as well as the attributes of the NFT assets, can be carried through the game. Instead of having to go through a step-by-step progression from novice to newbie every time they enter a game, as in traditional games, players can enjoy the inheritance and extensibility of the attributes of their NFT assets.

8.5 Changes in the economic system

Virtual currencies introduced in traditional blockchain games may dilute the value of virtual currencies held by users due to "centralized evil" or other opaque currency regulation mechanisms, resulting in the loss of user assets.

GamF's Token has a clear and transparent Token release policy, which will not impact the market. Meanwhile, in order to incentivize players to participate in the GamF ecosystem, all kinds of behaviors of players in the game will be incentivized by Token.

By incentivizing early players through Token, as the number of players increases and the influence of GamF products increases, it will also attract more players and partners, which in turn will generate more demand for Token, forming a positive cycle.



IX Token economy

GF Token is the governance interest pass in the GamF business closed loop, which will play an important role in GamF such as trading, transferring, circulating GAS fee, NFT asset leasing, borrowing and lending fee, interest settlement, enjoying the board of directors' dividend vouchers and so on, so as to chain through the whole business closed loop.

Token Name: GF

Total issued: mined out

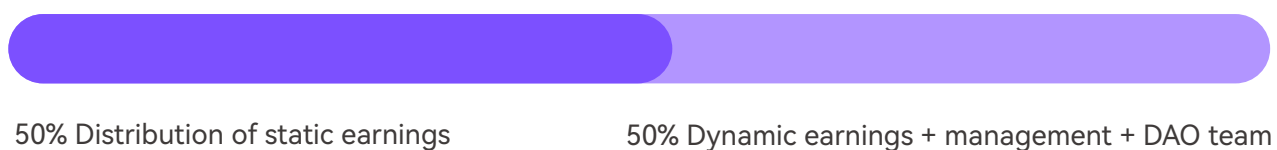
Discovery method: Cycle rationing (fixed output of 2.2 million GF coins per day in the first month, followed by a reduction of 100,000 coins per month to a constant output of 1 million coins per day fixed)

Destruction method: release the pledge and withdraw the coins minus 3% of the handling fee, into the black hole destruction

Distribution method:

50% Distribution of static earnings

50% Dynamic earnings + management + DAO team



Team introduction

Core members:

Jason West.

Vince Zampella.

The founder of Infinity Ward studio, as Activision Blizzard's veteran game studio, pioneered the Call of Duty series of giant works that took the world by storm, and was later acquired by the XBOX platform to become one of its core studios. In the game field has the absolute right to speak and the ability to integrate resources, after market research, the meta-universe ecology has a great enthusiasm, together to create the next future meta-universe world.

Venture Capital Fund:

Participate in the important investment of GamF, as a well-known investment institution LD Capital focus on the establishment of distributed funds, LD Capital X as an important part of the participation in the Solana ecological fund, will support more Web3, chain tour, meta-universe entrepreneurs.

GamF Vision

GamF's vision is to become a pioneer in the Web3 space, a place where crypto-entertainment converges. GamF is more than just a diverse gaming environment, it aims to sublimate the platform into an innovative channel that connects the real world with the digital future, and to promote the convergence and integration of cutting-edge technologies, such as Web3.0, GameFi, SocialFi, digital entertainment, NFT, and DAO, with the aim of creating a set of meta-universe ecosystems covering all dimensions. Ecosystem.

GamF is committed to creating an all-encompassing platform that is not only a place for gaming, but also a hotspot for communication, innovation, and economic growth. By providing this comprehensive service and experience, GamF intends to become a leader in shaping the future of digital ecosystems, where the promise of Web 3.0 can be realized, where users can feel the charm of a new form of socialization while they are entertained, where they can appreciate the unique value of NFT and DAO, and where they can participate in every step of the evolutionary history of the meta-universe.

Routes to development

preparatory phase

Between October 2019 and March 2021, GamF organized a team of professionals focused on defining the business development objectives, conceptualizing the network architecture of the meta-universe, as well as developing the project's development blueprint and operational strategy. This phase out also included comprehensive project documentation such as white papers, yellow papers, and various presentation materials.

inspection period

From March 2021 to October 2023, GamF's team will advance the project according to the established blueprint, including the realization of the development of the base components, application modules, and smart contract standards, and the gradual improvement of the community governance structure.

age of development

From March 2024 to October 2024, the team will roll out the project according to plan and continue to develop the core components, application modules and smart contract standards. During this phase, the system will be tested and upgraded through the issuance of governance tokens and support for an online test network, and the main network will be launched, thus getting on track for actual monetary operations and building a whole new ecosystem. During the same

period, the construction of nodes will be in full swing, including the procurement of free node servers and the expansion of community nodes. In order to attract developers worldwide, a strong developer community will be built through promotional activities and incentive programs.

plateau

From October 2024 to May 2025, improve the community, improve the ecology, facilitate cross-chain and cross-country business expansion, vigorously develop the eco-community, and actively promote the globalization of GamF. Application building: When the public chain is launched, the ideal state is to support no less than 10 killer apps and hundreds of DApps , and to attract more smart contracts to be deployed on the chain through hackathons and other large-scale competitions. Eco-tools build: To improve the ease of use of the commons chain, various application programs are available for developers, such as one-click deployment solutions for wallets, browsers and development environments, user-friendly mobile links (e.g. for mobile devices) mobile development and contract templates, and more.

maturity

From May 2025 to June 2026, GamF will further upgrade and iterate the public chain functions, deepen the construction of nodes and developer communities, and continuously improve the application construction. This phase will also focus on integrating GamF's financial ecosystem business and linking with various partner assets.

Disclaimer

This white paper is intended to be a statement of the project only, and any actions are considered to be actions for which the individual voluntarily assumes all consequences.

The team makes no representations or warranties about GamF or the project license other than those stated in this white paper. The Project is subject to voluntary participation at risk, responsibility and accountability, and the development, maintenance and operation of GamF involves risks that may be beyond GamF's control. In addition to the contents of this white paper, users are asked to be aware of the risks described below and to assess the party's ability to assume the risks described below. The following risks may be associated with the development of the GamF project:

Insufficient information

As of the publication of this whitepaper, GamF is still under development. Its philosophy, consensus mechanisms, algorithms, code, and other technical details and parameters may be updated and changed frequently. While this whitepaper contains the latest key information about GamF, it is not absolutely complete, and GamF may still be tweaked and updated from time to time for specific purposes. GamF will endeavor to provide members of the community with as much information as possible about the development of the common-chain in every possible way, but it cannot ensure that all information will be transmitted in real time to every token holder.

Risks related to judicial oversight

Encrypted digital assets are or may be regulated by authorities in different countries/regions. GamF may, from time to time, receive inquiries, notices, warnings, orders or rulings from one or more competent authorities, and may even be ordered to suspend or terminate any development or action relating to the NA Chain.

The development, marketing, promotion or other aspects of GamF may be seriously affected, hindered or terminated. GamF's existing regulatory licenses in any country may only be temporary, as regulatory policies may change at any time.

GamF makes no representations or warranties other than those expressly set forth in this White Paper. Any person's participation in GamF transactions is based on his/her own knowledge of GamF, laws and regulations, and the information in this white paper, and this document does not constitute any investment advice. Before making any investment decision, investors should consider the characteristics of the product, their own investment objectives, the level of risk they can bear, and other factors, and seek independent financial and professional advice as appropriate.

GamF hereby expressly disclaims and rejects the liability described below:

- Any person who violates the anti-money laundering, anti-terrorist financing or other regulatory requirements of any country while trading with GamF;
- any breach by any person of any representation, warranty, obligation, promise or other requirement set forth in this White Paper at the time of purchase of GamF, and the resulting inability to use or withdraw GamF;
- For any number of reasons, GamF's trading program was abandoned;
- Failure or abandonment of the development of GamF, and the resulting failure to deliver or use of GamF;
- Delays or postponements in the development of GamF and the resulting inability to reach a pre-disclosed schedule;
- Errors, flaws, defects or other problems with the GamF source code;
- Failure, crash, paralysis, rollback or hard fork of the GamF platform;
- GamF fails to fulfill any particular function or is not suitable for any particular purpose;
- Failure to make timely and complete disclosures about GamF development.