An Innovative **Web3**

Collaborative Platform

CyberCrowdCoin

Content

1. Preface

Following the rapid development of blockchain technology and cryptocurrencies, Web3 is leading the way into the future of global digitization with its decentralized, transparent, and secure nature. The traditional Web2 model has gradually revealed its limitations and problems with this emerging Internet era. The Web2 platforms are usually controlled by centralized companies or organizations, which makes users' data and privacy vulnerable to invasion, and presents a single point of failure and trust issues. The limitations of this centralized model have forced us to seek more open and decentralized ways of collaborating.

The purpose of this whitepaper is to present our development of the Web3 Collaboration Platform, a new digital ecosystem designed to change the way traditional collaboration is done, address the limitations of the Web2 model, and provide more advantages and convenience to users and organizations.
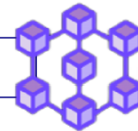
1.1 Background and challenges

Within the traditional Web2 model, collaboration usually relies on centralized platforms or companies. These platforms are responsible for storing and managing users' data and information, as well as providing transactional and collaborative functionality. However, there are many problems with this centralized structure：

a. Centralization and data dependency

It is common for the Web2 model to rely on a small number of centralized platforms or companies to manage and store users' data. These platforms accumulate large amounts of user data, putting users' personal information and privacy at risk. At the same time, the monopoly status of these platforms may also lead to data monopolization and unfair competition, limiting users' right to choose and the free flow of data.

b. Confidence issues

As centralized platforms own a large amount of user data and transaction information, users are forced to entrust their personal information and assets to these platforms. Nevertheless, the lack of transparency and credibility raises questions about users' trust in these platforms. Issues such as data breaches, manipulation, and misuse often leave users in limbo.

c. Single point of failure and security breaches

The centralized Web2 platform has the risk of a single point of failure. Once the platform fails, suffers hacking, or is shut down, it will paralyze the entire system, affecting the normal use of users and data security. Moreover, due to its centralized nature, the Web2 platform becomes an easy target for attackers, which could expose security vulnerabilities that could threaten users' assets and data.

d. Inter-mediation costs and efficiency

The collaboration in the Web2 model usually depends on a third-party intermediary, which raises the cost and complexity. The involvement of intermediaries may lead to transaction lags and increased fees, as well as increased risk and time-consuming transactions.

e. Geographical and cultural constraints

In the traditional Web2 model, collaboration is often limited by geography and culture. With regulatory and cultural differences between countries, cross-border collaboration, and communication is likely to become complex and difficult, hindering the development of global collaboration and innovation.

All these contexts and challenges push us to rethink and explore a new collaboration model, a more open, decentralized, and secure Web3 collaboration platform. The development of Web3 provides new opportunities and possibilities to address these issues, and we look forward to creating a more autonomous, secure, efficient, and global digital collaboration ecosystem led by Web3.

Efficient

Decentralized

Autonomou

Open

Web3 collaboration platform

Secure

1.2 The vision of the Web3 collaborative platform

Our vision is to construct a future-leading decentralized collaboration platform based on Web3 technology, which will break the traditional collaboration model and create a new digital ecosystem. We strive to solve the various problems and pain points that exist in the Web2 paradigm, bringing unprecedented advantages and convenience to users and organizations.

a. User data control and privacy protection

On our Web3 Collaboration Platform, users will have absolute control over their data. Personal data will be stored in encrypted form in a distributed blockchain network that only authorized participants can access and use. Users can independently select whether or not to share specific data with other users or organizations, thus achieving a true sense of data autonomy and privacy protection.

b. Decentralization and security guarantees

We will firmly promote the concept of decentralization and build a fully decentralized model of collaboration through smart contracts and blockchain technology. Smart contract will ensure that transactions and decisions made in collaboration are automated and unmediated, thereby reducing potential trust issues and risks. The decentralized structure makes the platform less susceptible to a single point of failure, safeguarding the stability and security of the system.

c. Global cooperation and the drive for innovation

Our Web3 Collaboration Platform will serve as a global open ecosystem, providing a borderless collaboration arena for users and organizations. Without being limited by geogr-

aphy and borders, users can easily co-create value with partners from all over the world. It will greatly facilitate the development of global projects and the emergence of innovations, making collaboration less limited by traditional geographic constraints.

d. Improve collaboration efficiency and reduce costs

Our platform will leverage the features of Web3 to increase the efficiency of collaboration and reduce intermediary costs. By automatically executing smart contract, the rights and interests of all parties in the cooperation will be accurately safeguarded, and disputes and controversies will be reduced. Without the necessity of a third-party intermediary, transactions, and decisions will be more efficient and transparent, saving time and resources, thus creating more economic value for users and organizations.

e. Community governance and democratic decision-making

We encourage users and participants on the platform to engage in community governance to form a mechanism for democratic decision-making. Users can impact the development and rule-making of the platform by voting and contributing to ensure the fairness and openness of the platform. This decentralized governance structure will encourage community participation and innovation, making the platform healthier and more sustainable.

Working on our Web3 Collaboration Platform, we want to create a true digital collaboration ecosystem that tightly connects all participants, facilitates the sharing of knowledge, resources, and value, and creates a lasting and meaningful collaboration experience for organizations and users. We firmly believe that Web3's model of synergy and collaboration will lead the way to the future of the digital economy, bringing positive change and progress to the global community.

Then, we will introduce our platform architecture, technical features, and realization path in detail, presenting a new future of the Web3 collaboration platform for users and partners.

2.CyberCrowdCoin collaboration platform

CyberCrowdCoin is a decentralized collaborative platform. It leverages the user base and infrastructure of the Web2 centralized service network and connects and integrates with blockchain and Web3 infrastructure to build an open, shared, and collaborative infrastructure to achieve the goals of decentralized collaboration, decentralized operation, and decentralized governance.

CyberCrowdCoin lowers the threshold for users by adopting an open interface so that Web2 users can easily experience Web3 services and gradually switch to Web3 services. Through introducing a decentralized collaboration mechanism, it facilitates efficient exchanges and value sharing among core elements (e.g., commodities, money, tasks, creativity, etc.) and achieves fairer and more efficient collaboration. The platform also establishes a multi-level governance system, including a collaborative DAO and a decentralized collaboration mechanism, to achieve more effective decentralized governance and operations, thus ensuring the platform's continued stability and development.

01 Decentralized Collaboration

02 Decentralized Operations

03 Decentralized Governance

2.1 Decentralized collaboration

Through the decentralized collaborative mechanism of CyberCrowdCoin, which revolves around the core elements of commodities, money, tasks, and creativity, consumers can find good-value and low-priced commodities with the help of a large number of users. Merchants can directly face a larger number of users and sell commodities more efficiently, at a lower cost, and with a higher profit. Such a decentralized and collaborative approach promotes fairer and more efficient cooperation, providing community members with broader opportunities for participation and creativity. We plan to take a series of measures aimed at making it easy for more users to experience Web3 services and get rid of the monopoly of Web2 giants. CyberCrowdCoin plans to take the following measures：

a. Bind to an existing Web2 account

Through the open interface, the user identity of the Web2 platform is bound with the decentralized identity of CyberCrowdCoin, so that users do not need to learn about blockchain wallet-related knowledge to enjoy Web3 services easily.

b. Extend the existing Web2 platform

Provide extensions and plug-ins for common open-source platform software to equip these systems with CyberCrowdCoin decentralized collaboration capabilities, allowing users to use Web3 services on existing platforms seamlessly.

c. Improve existing payment channels

The use of CyberCrowdCoin abstract accounts reduces the challenges of using and holding crypto passes for users and facilitates the use of the CyberCrowdCoin platform's services and other Web3 applications.

Bind to an existing Web2 account　　　**Extend the existing Web2 platform**　　　**Improve existing payment channels**
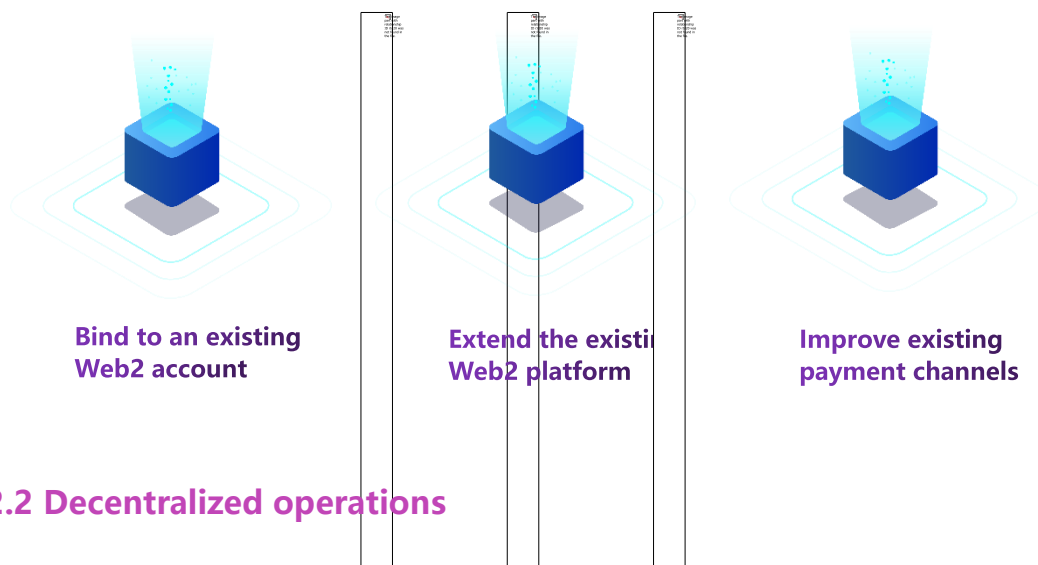
2.2 Decentralized operations

During the Web3 era, DAOs (Decentralized Autonomous Organizations) became an iconic feature; however, as platforms scale, current DAOs may face long-term operational and governance challenges. In order to solve this problem, we introduced collaborative DAO and decentralized collaboration mechanisms to find a more effective solution.

Synergy DAO is our innovative decentralized, bottom-up, multi-tiered governance system. It is similar to a well-functioning democracy in reality, enabling every participant to play a role and have the opportunity to be involved in the decision-making process. Such a decentralization mechanism ensures that power on the platform is not concentrated in the hands of a few but is shared by a wide range of community members, providing a more robust foundation for the platform's development.

By means of the decentralized collaboration mechanism, we solve the current problem of lack of collaboration in DAOs.Through this mechanism, participants can communicate and cooperate efficiently, and the core elements (e.g., goods, money, tasks, ideas, etc.) are closely connected, thus realizing a fairer and more efficient synergy. Such decentralized synergy facilitates consensus formation in the community and makes the direction of the platform more democratic and transparent.

2.3 Decentralized management

We have not only established a collaborative DAO but also adopted a decentralized collaborative mechanism to strengthen the governance system further in order to achieve continued stability and growth as the platform scales up.

Decentralized governance means that the power to make decisions is no longer concentrated in a centralized body or in the hands of an individual but is instead shared by the global community through smart contract and blockchain technology. As such, community members will not only have a greater voice but will also be able to express their opinions and suggestions more effectively, ensuring that the direction of the platform will be better aligned with the overall consensus.

We have introduced a decentralized synergy mechanism in our governance system, which closely integrates the governance process of the platform with the synergy of the community. By means of this mechanism, community members can participate in the decision-making and implementation process, thus ensuring fairness and transparency in decision-making. This decentralized governance model not only enhances community cohesion but also provides a sustainable basis for the long-term operation of the platform.

As a whole, through the decentralized collaborative mechanism and collaborative DAO, we have explored a more inclusive decentralized operation and governance model in the Web3 era to safeguard the robust development of the platform and provide broader opportunities for community members to participate and create.
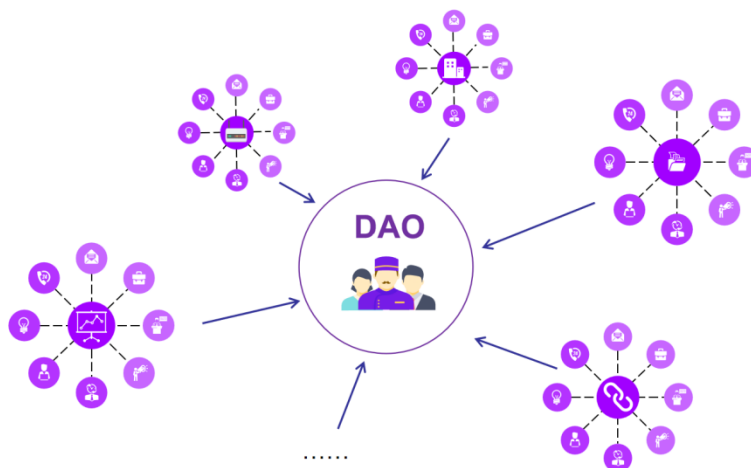
3.System architecture

CyberCrowdCoin serves as a decentralized collaborative platform with the core objectives of crowdsourcing, creating, funding, and supporting. By investing time, energy, and money, users can participate in decentralized collaborative tasks, and the results of collaboration are presented in the form of commodities, NFT, etc. Users participate in the distribution of revenues from the results of collaboration according to the degree of contribution.

CyberCrowdCoin is a Web3 platform based on decentralized collaborative consensus, which introduces collaborative DAO and decentralized collaborative mechanism, and establishes a multi-level governance system to achieve more effective decentralized governance and operation. By opening up interfaces to bind with Web2 identities, adopting abstract wallets to solve payment challenges, as well as providing open-source system extensions and plug-ins, it lowers the threshold for users to use the system. A core technology includes Collaborative Operating System, Modular Blockchain Technology, Cross-Chain/Cross-Layer Technology, etc., which supports CyberCrowdCoin to realize an efficient, secure, and scalable collaborative ecosystem.

By adopting a layered architecture, the CyberCrowdCoin platform system consists of an infrastructure layer, a system protocol layer, and a platform application layer, with each protocol layer consisting of a series of subsystems.
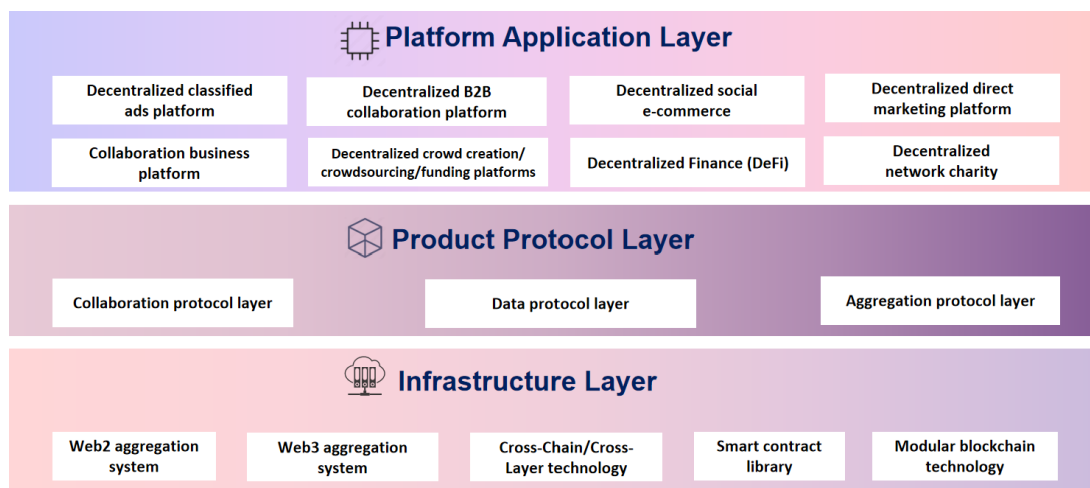
3.1 Infrastructure layer

The infrastructure layer includes: the Web2 aggregation system, the Web3 aggregation system, theCross-Chain/Cross-Layer technology, the smart contract library, and the modular blockchain technology.

a. Web2 aggregation system

The Web2 Aggregation System serves as a key bridging role in the CyberCrowdCoin platform, designed to aggregate the various network resources in the Web2 space and provide interfaces and interoperability to Web3.

The Web2 Aggregation System makes full use of the large amount of network resources accumulated in the Web2 era, including social media data, online services, e-commerce platforms, digital content, and so on. By aggregating these diverse Web2 resources, the CyberCrowdCoin platform is able to provide users with richer and more diverse collaborative and cooperative scenarios and to provide broader participation and support for crowdsourcing, funding, creating, and other collaborative tasks.

The Web2 aggregation system provides an important interface for Web3, realizing the integration and interoperability between Web2 and Web3. With this interface, Web3 applications and smart contract can seamlessly access and call network resources in the Web2 domain, thus realizing more comprehensive and efficient data acquisition and processing. This makes the Web3 ecosystem richer and more diverse in terms of resource utilization and promotes the development and popularization of the Web3 platform.

The Web2 aggregation system also extends the application scenarios and user stickiness of the CyberCrowdCoin platform. Through the integration of Web2 and Web3 Collaboration, users are able to accomplish more tasks and interactions on a unified platform without having to switch between different applications frequently. This highly integrated experience brings convenience to users and increases their motivation to participate in collaborative work.

b.Web3 aggregation system

The CyberCrowdCoin Collaboration Protocol is the core protocol in the CyberCrowdCoin platform and is given the important role of the underlying operating system for the collaboration of everything in the Web3 era. As a collaborative operating system, it is not just an ordinary protocol but a highly intelligent, fully collaborative infrastructure that provides strong support for the platform's various functions and services.

This collaborative operating system plays a core scheduling role in the CyberCrowdCoin stack, which is based on a micro-kernel architecture and achieves a high degree of modularity and flexibility, providing efficient management and scheduling capabilities for the platform's multi-level governance system and functional modules.

It is unique in that it fully supports the key infrastructure necessary for collaboration in the Web3 era.It includes the Collaboration DAO, which makes the platform's governance and decision-making mechanisms more decentralized and democratized. Decentralized Synergy, which promotes users' crowd-sourcing, crowdfunding, and crowd-sourcing activities on the platform to achieve wider participation and collaboration.Meta-universe, building a virtual

multi-dimensional space that connects users with the infinite possibilities of the digital world. Decentralized finance, providing users with safe and transparent financial services and promoting the development of DeFi and other innovative fields.

Supported by such a powerful infrastructure, the CyberCrowdCoin Collaboration Protocol provides a comprehensive solution for collaboration in the Web3 era and will continue to drive large-scale collaborative innovation and value exchange on a global scale. The intelligent collaborative operating system plays a vital role in facilitating collaborative DAO governance, optimizing collaborative processes, managing collaborative tasks, and integrating collaborative tools, driving the popularity and progress of collaborative work. The intelligent collaborative operating system plays a vital role in facilitating collaborative DAO governance, optimizing collaborative processes, managing collaborative tasks, and integrating collaborative tools, driving the popularity and progress of collaborative work.

> **It fully supports the key infrastructure necessary for collaboration in the Web3 era.**

c.Cross-Chain/Cross-Layer technology

With the introduction of advanced Cross-Chain technology, CyberCrowdCoin realizes seamless support for cross-chain interactions between Layer 1 public chains and Layer 2, thus significantly improving cross-chain efficiency. It implies that users are free to transfer and exchange digital assets and data between different blockchain networks on the CyberCrowdCoin platform without being restricted to a specific public chain ecosystem. The capability of such cross-chain interactions greatly facilitates the liquidity and availability of digital assets while enhancing synergies between different blockchain networks.

Apart from supporting cross-chain interaction between mainstream public chains Layer 1, CyberCrowdCoin also leads the industry in innovation with its original Cross-Chain/Cross-Layer technology. It further extends the scope of cross-chain interactions, making it easy for Layer 2 to interact with each other and between Layer 1 and Layer 2. With this innovative technology, CyberCrowdCoin realizes more efficient and convenient digital asset interoperability and data transfer, providing users with a brand new blockchain experience.

Such seamless cross-chain support and efficient interaction builds a powerful bridge to CyberCrowdCoin's collaborative ecosystem, enabling the integration and collaboration of different users, projects, and assets on a unified platform. The aggregation protocol layer and transaction protocol layer in CyberCrowdCoin's protocol layer give full play to the advantages of cross-chain technology, realizing the seamless connection and efficient operation of various types of collaborative work in the Web3 era. It enables CyberCrowdCoin to become an open, inclusive, and efficient decentralized collaborative platform, which brings broader development space and innovation opportunities for users.

d. Smart contract library

Within the CyberCrowdCoin platform, the Collaborative DAO is the core mechanism of its decentralized governance, providing a way for participants to engage in important matters such as community governance, decision-making rules, and resource inputs. The governance system is more flexible and efficient. In order to meet the governance needs of DAOs of different sizes, CyberCrowdCoin collaborative DAO adopts an infinite multi-level DAO tree and task tree structure.

Nevertheless, as the scale of DAO governance increases, and the complexity of collaborative tasks increases, the traditional smart contract faces significant challenges in terms of security, performance, and scalability. For overcoming these problems, CyberCrowdCoin adopts smart contract modularization technology, which divides the collaborative DAO contract into multiple modules, allowing each module to run independently and interact seamlessly with other modules. Such a modular design greatly improves the maintainability and flexibility of smart contract while reducing the complexity of the contract code.

Through smart contract modularization technology, CyberCrowdCoin synergistic DAO contract set can more efficiently deal with complex synergistic tasks and governance rules, ensure the security of DAO common assets, and provide a more stable, secure, and high-performance decentralized synergistic platform. With this innovative technology, CyberCrowdCoin's collaboration ecosystem has laid a solid foundation, enabling the platform to meet future development challenges better and bring users a better collaboration experience.

e. Modular blockchain technology

At the infrastructure layer of the CyberCrowdCoin platform, modular blockchain technology is the key technical support that brings a high degree of flexibility and scalability to the entire stack. It enables CyberCrowdCoin to adapt to the complex needs of various large-scale collaboration scenarios, providing users with the powerful ability to operate efficiently and decentralize collaboration.
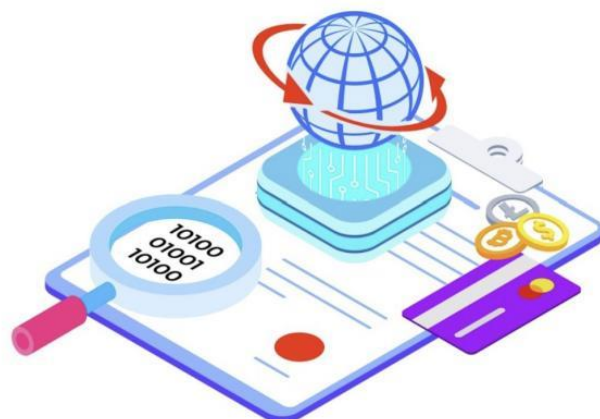
The central idea of modular blockchain technology is to decouple individual functional modules so that they can operate independently of each other while interacting and combining together seamlessly. This means that CyberCrowdCoin's protocol stack is no longer a rigid single entity but a flexible componentized system. Participants can customize their collaboration experience by selecting and integrating applicable functional modules according to their actual needs.

Powered by modular blockchain technology, the CyberCrowdCoin platform is able to respond quickly to market changes and user needs, providing tailored solutions for different industries and communities. Whether it's crowdsourcing, creating, funding, decentralized finance, meta-universes, etc., CyberCrowdCoin provides the best fit for a variety of large-scale collaborative scenarios.

Such flexibility and scalability not only provide a superior user experience but also lays a solid foundation for the sustainable development of the CyberCrowdCoin platform. With the continuous evolution of the technology and ecosystem, CyberCrowdCoin will continue to expand with new modules and features to meet the growing demand for collaboration and drive decentralized collaboration toward a broader future.
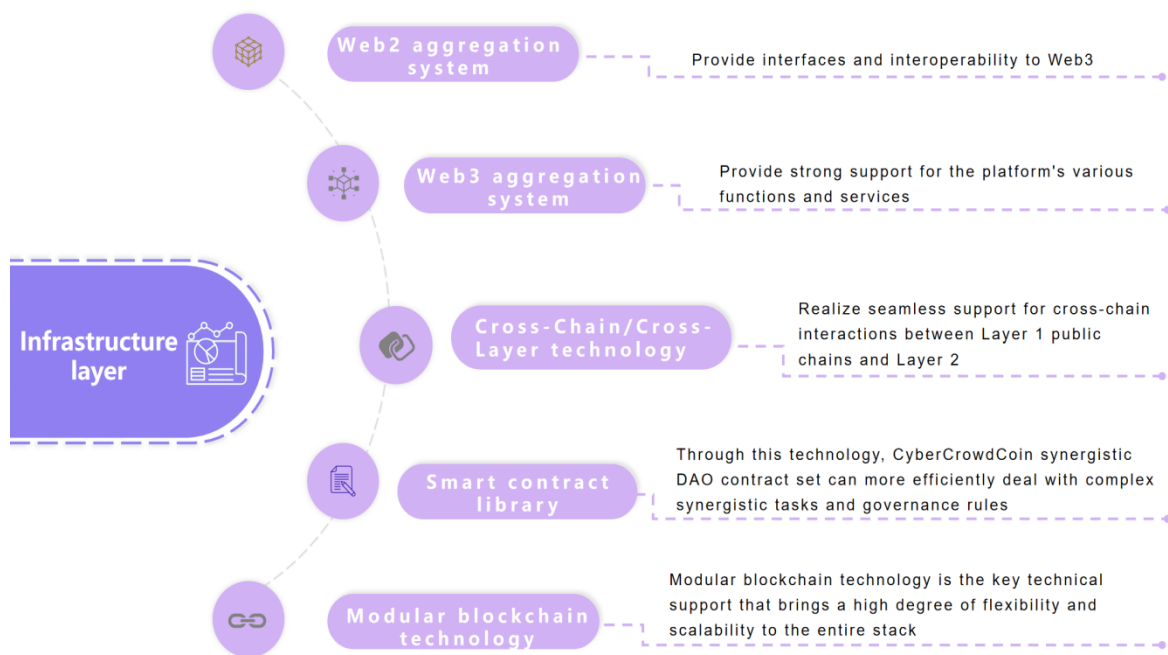

The above are the core components of the infrastructure layer, the technologies, and systems that provide a solid foundation for the efficient operation and decentralized collaboration of the CyberCrowdCoin platform. In order to better understand the overall system architecture and detailed subsystems, please provide more relevant information or a specific system architecture diagram.

3.2 System protocol layer

There are multiple key components and protocols in the system protocol layer of the CyberCrowdCoin platform that work in tandem to support the platform's features and services, enabling decentralized collaboration and value exchange.
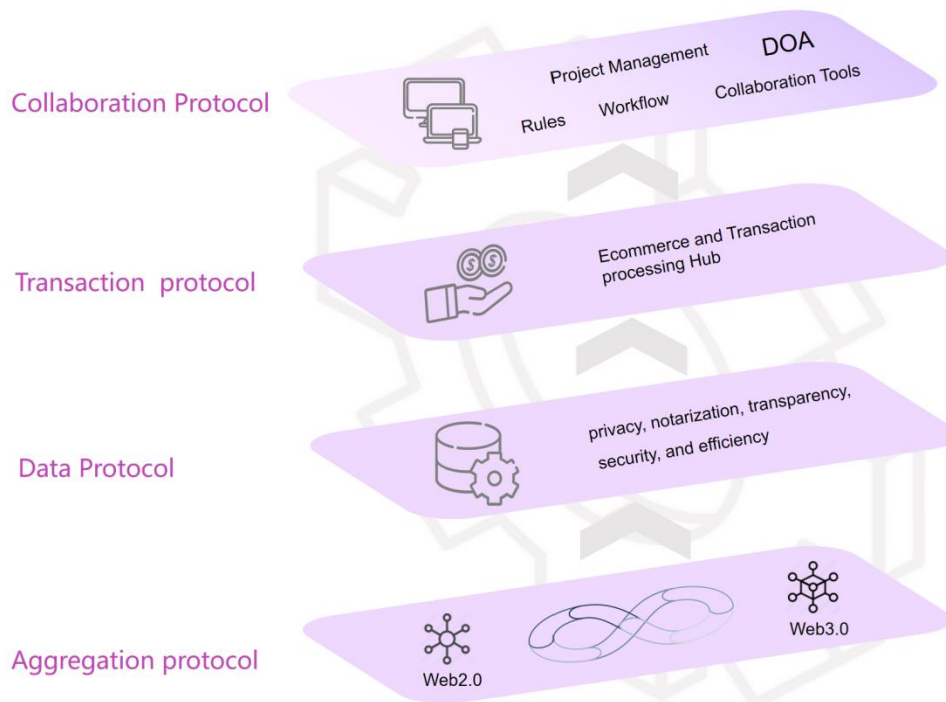
In the system protocol layer, it covers the collaboration protocol layer, data protocol layer, transaction protocol layer, and aggregation protocol layer. These layers contain rule protocols, workflow protocols, project management protocols, and collaboration tools, which provide powerful support for the execution and management of collaborative tasks. Meanwhile, the data protocol layer ensures the operation and privacy of data assets, the transaction protocol layer supports various transaction types, and the aggregation protocol layer integrates Web2 and Web3 to work together to enhance the application scenarios and user stickiness of the Web2 platform. Furthermore, the protocol layer contains multiple sub-protocols to provide rich functions and services for the system.

Collaboration protocol layer：

The Co-Protocol Layer is the core protocol of the protocol layer and is responsible for bridging the channel between Web2 and Web3. It contains several sub-protocols：

(1) Rules protocols：
The protocol is designed to parse and execute various community governance, management, business, and transaction rules. It adopts a combination of on-chain and off-chain models to ensure the effective implementation of rules and adaptation to the needs of different scenarios.

(2) Workflow protocol：

Automate the execution of collaborative processes, leveraging artificial intelligence for analysis and optimization. Similarly, the protocol utilizes a combined on-chain and off-chain model to increase efficiency and flexibility.

(3) Project management protocol：

protocol is intended to manage the lifecycle of collaborative tasks, including goal setting, plan development, progress management, benefit distribution, and a system of rewards and penalties. It can help to achieve efficient execution of tasks and effective allocation of resources.

(4) Collaboration tools：

Collaboration tools integrate Web2 and Web3 functionality with respect to document management, communication, payment, storage, and so on. These tools provide comprehensive support to facilitate user participation in collaborative tasks and communication.

(5) Collaboration DAO layer

Community Governance DAO: This protocol is used for the decentralized governance of the CyberCrowdCoin community, through which community members can make decisions on governance rules, formulate development routes, commit resources, and other major matters to achieve community autonomy.

Task DAO: This protocol is used to govern organizations that collaborate on tasks. Task DAOs are divided into an infinite number of levels in a tree structure that supports a bottom-up decentralized governance system to help ensure efficient execution and division of tasks.

Data protocol layer：

(1) Data protocol：

The data protocol is the core that supports the operation of data assets. It ensures the privacy, notarization, transparency, security, and efficiency of the data. At the same time, the ownership of the data is in the hands of the user, ensuring the security and control of the user's data.

(2) Data market：

The protocol enables participants to buy and sell data, exchange data, and data derivatives through data marts. Access to data is managed through NFT authorization, enhancing the security and transparency of data transactions.

Transaction protocol layer：

The transaction protocol layer is the core transaction processing hub of the platform, which supports e-commerce transactions, NFT transactions, fiat + crypto coin payments, credit payments, as well as crowdsourcing, crowdfunding, crowdsourcing, and other order types. It ensures secure and efficient transactions.

Abstract wallet payment protocol: the protocol supports a smart contract wallet payment scheme, providing flexible payment methods user-friendly transaction experience.

## Aggregation protocol layer：

It integrates the functions of Web2 Aggregator and Web3 Aggregator to integrate the collaborative work of Web2 and Web3, thus enhancing the application scenarios and user stickiness of the Web2 platform.

Apart from the above protocols, the CyberCrowdCoin protocol family also includes: the service protocol layer, product protocol layer, and open platform protocol layer. The layers of protocols are interconnected and together form the complete functionality and services of the CyberCrowdCoin platform. Each sub-protocol has its own specific functions and goals and works in concert to form a powerful decentralized collaboration ecosystem.

The system protocol layer is the core part of the CyberCrowdCoin platform, and the various components and protocols work together to support the various functions of the platform and realize decentralized collaboration and value exchange among users. The platform creates a variety of decentralized collaboration scenarios for global users through these agreements, driving the development and sustainable prosperity of the digital economy.

3.3 Platform application layer

As regards the platform application layer, many exciting decentralized collaboration scenarios have emerged based on CyberCrowdCoin's decentralized collaboration protocol, such as decentralized classified ads platforms, decentralized B2B collaboration platforms, decentralized social e-commerce companies, and decentralized direct marketing platforms. Those scenarios will drive global users to participate in innovation and value creation, accelerating the progress and prosperity of human society. By decentralizing the nature of these scenarios, they will bring higher transparency, fairness, and security, making collaborative work more inclusive and sustainable. The CyberCrowdCoin platform becomes an important hub for connecting innovators, participants, and value creators and creates more opportunities and room for development for users around the world.
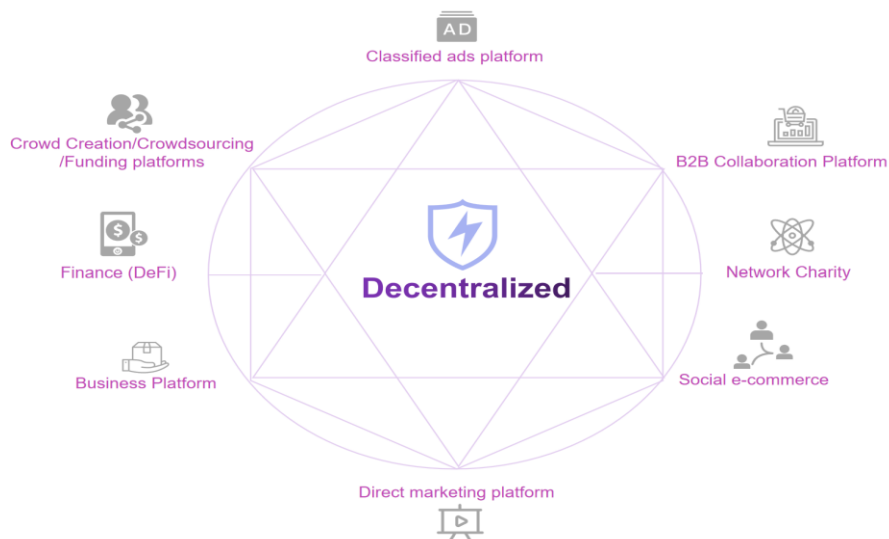
Powered by the decentralized collaboration protocol based on CyberCrowdCoin, many exciting decentralized collaboration scenarios will emerge globally, which will revolutionize business models and socialization and create more opportunities and development space for users. The following are some of the decentralized collaboration scenarios incubated at the platform application layer:

(1) Decentralized classified ads platform：

There is no longer an intermediary on CyberCrowdCoin. Everyone can quickly create and run their own classifieds station. It will lead to a new model of exchanging goods, ideas, and creative products, allowing users to connect directly without having to earn a price difference through a middleman, enabling more autonomous and flexible transactions.

(2) Decentralized B2B collaboration platform：

With CyberCrowdCoin's synergistic protocol, decentralized synergistic e-commerce, and trading protocol, B2B platforms will no longer be limited to information display and trading functions. Both supply and demand can be efficiently summarized, forming a synergistic ecology upstream and downstream of the industry chain, stimulating more innovation and cooperation opportunities, and enhancing the overall efficiency of the industry chain.

(3) Decentralized social e-commerce：

With the combination of collaborative e-commerce and crowdsourcing mechanism, every user has the opportunity to become a distributor, realizing everyone's participation in distribution. With the help of a mass creation mechanism, the wisdom of the group will push the communication program to the climax, realizing the active participation of everyone in communication and accelerating product promotion and market expansion.

(4) Decentralized direct marketing platform：

CyberCrowdCoin's coordinated DAO, collaborative tasks, and crowdsourcing mechanisms provide solutions for scenarios such as direct sales and multi-level distribution. This effectively circumvents the problems of fund security and high handling fees in the traditional model and makes direct sales more fair and transparent.

(5) Collaboration business platform：

CyberCrowdCoin's collaboration protocols and collaborative DAOs make it possible to collaborate and innovate efficiently between different organizations. The rich set of collaboration tools enables anyone to build their own collaborative business platform based on these components, accelerating business processes and project management and facilitating more collaboration and business development.

(6) Decentralized crowd creation/crowdsourcing/funding platforms：

Through CyberCrowdCoin's decentralized and synergistic mechanism, crowd creation, crowdsourcing, and funding are organically combined. Such an integrated platform can support large-scale collaborative innovation and fund-raising and promote the participation of all sectors of society in solving major problems.

(7) Decentralized Finance (DeFi)：

The CyberCrowdCoin protocol delivers strong support for decentralized financial services and brings together various DeFi, SocialFi, and GameFi services. Investors can fully access and invest in all kinds of DeFi products on CyberCrowdCoin, lowering the threshold of financial services and promoting more people to participate in innovation in the financial sector.

(8) Decentralized network charity：

Due to CyberCrowdCoin's decentralized synergy mechanism, charity and poverty alleviation will become more efficient and transparent. With crowdsourcing, funding, and crowd creation functions, the advancement of decentralized charity projects is achieved, allowing recipients to participate in collaborative creation tasks, gain lasting earning power, and achieve self-worth.

Apart from the application scenarios described above, relying on the platform's ability to integrate Web2 and Web3 resources, the CyberCrowdCoin protocol can be applied to a wider range of areas. These innovative decentralized collaboration scenarios will promote global user participation in innovation and value creation, accelerating the progress and prosperity of human society. By decentralizing the nature of these scenarios, these scenarios will lead to greater transparency, fairness, and security, making collaboration more inclusive and sustainable. The CyberCrowdCoin platform will become an important hub for connecting innovators, participants, and value creators.

CyberCrowdCoin builds a highly autonomous and decentralized collaborative platform with the effective combination of the infrastructure, system protocol, and platform application layer. In the infrastructure layer, the Web3-era Collaborative Operating System is introduced to support various infrastructures such as Collaborative DAO, Decentralized Collaboration, Meta-Universe, and Decentralized Finance, and the Modular Blockchain Technology and Cross-Chain/Cross-Layer Technology are also adopted to ensure that the system is efficient, secure, and scalable. The smart contract store further addresses the security, performance, and scalability of collaborative DAOs.

At the system protocol layer, a series of powerful protocols and data processing modules, such as rule protocol, workflow protocol, a project management protocol, and transaction protocol, as well as the collaborative DAO layer and data protocol layer, is constructed to provide comprehensive support for the execution, management, and data processing of collaborative tasks. The aggregation protocol layer integrates Web2 and Web3 to work together and enhance the user experience. The layers are interconnected by multiple sub-protocols to form a complete collaborative ecology.

In the platform application layer, the CyberCrowdCoin platform has incubated a variety of innovative decentralized collaboration scenarios, such as classified ads platforms, B2B collaboration platforms, social e-commerce, and direct marketing platforms, creating more

opportunities and development space for global users. There is also strong support for areas such as decentralized financial services, online philanthropy, and DeFi. The realization of these decentralized collaborative scenarios will drive social progress and prosperity while bringing greater transparency, fairness, and security. The CyberCrowdCoin platform becomes an important hub connecting innovators, participants, and value creators, making collaboration more inclusive and sustainable and leading a new era of collaboration in the Web3 era.
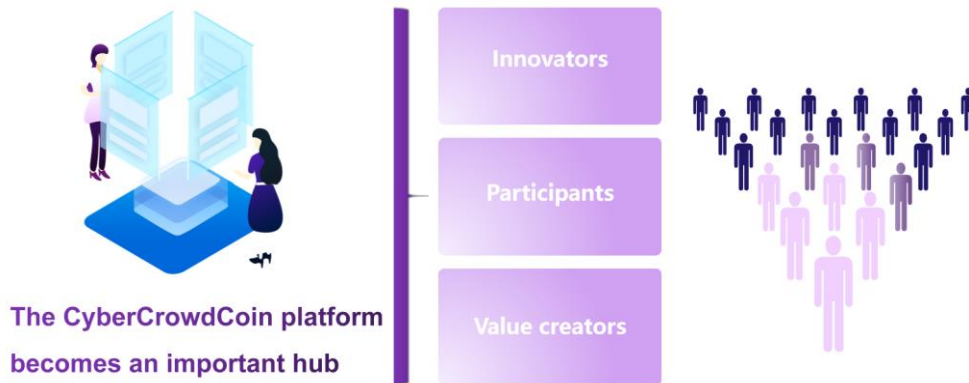
4.Ecological co-constructor

In the CyberCrowdCoin platform's ecosystem, there are multiple players working together to co-create and drive the development and operation of the protocol. It mainly includes the roles of platform developers, protocol developers, protocol operators, Web2 service providers, Web3 service providers, and offline service providers. The following is a detailed description of these ecological co-builders and their roles:
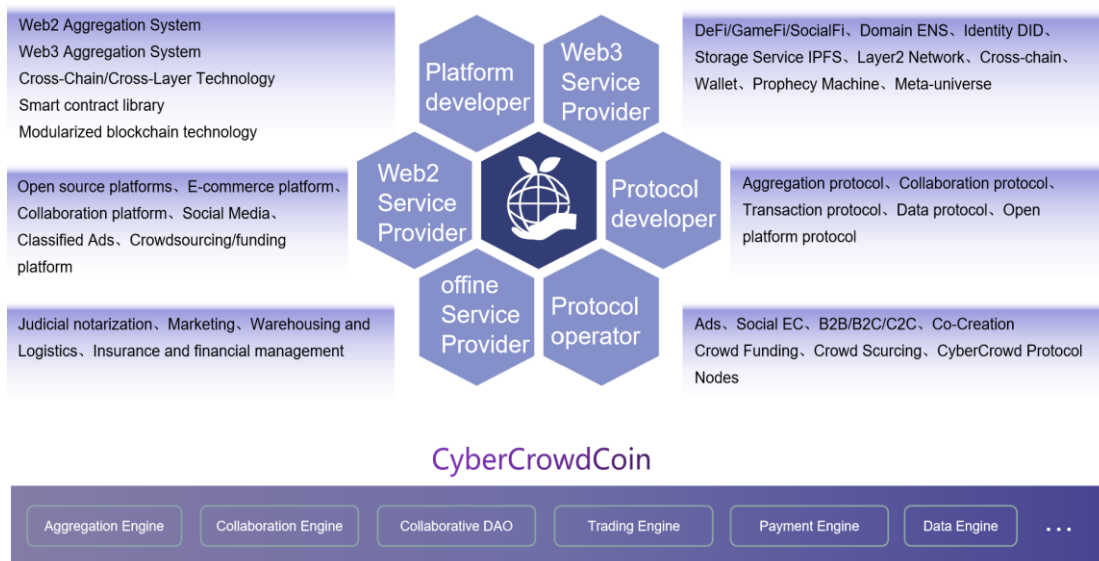
(1) Platform developers

The platform developers are the core development team of the CyberCrowdCoin platform and are responsible for developing and maintaining the core CyberCrowdCoin infrastructure components, including:

- **Web2 Aggregation System**: Aggregates Web2 network resources and provides interfaces for Web3.
- **Web3 Aggregation System:** supports infrastructure such as collaborative DAO, decentralized collaboration, meta-universe, and decentralized finance.
- **Cross-Chain/Cross-Layer Technology:** Seamlessly supports cross-chain interaction between Layer 1 public chain and Layer 2 to improve cross-chain efficiency.
- **Smart contract library:** solves the security, performance, and scalability problems of collaborative DAO.
- **Modularized blockchain technology:** supports combinable, pluggable, and extensible protocol stacks to meet the needs of large-scale collaboration.

(2) Protocol developers

Protocol developers are teams or individuals who follow the CyberCrowdCoin protocol and develop related protocols and products. They create and maintain protocols and platforms including but not limited to the following:

- **Aggregation protocol:** Aggregate dispersed information to provide a global perspective and data support for other services.
- **Collaboration protocol:** Promote collaboration and value exchange, and build a decentralized cooperation mechanism.
- **Transaction protocol:** support the transaction and circulation of digital assets to realize the freedom and efficiency of economic activities.
- **Data protocol:** Manage and process various types of data to provide users with personalized experiences and services.
- **Open platform protocol:** a protocol that supports third-party developers to access the CyberCrowdCoin platform.

(3) Protocol operators

The protocol operator is responsible for the operation of the CyberCrowdCoin protocol nodes to ensure the security and stability of the CyberCrowdCoin decentralized network. On top of that, they are responsible for the operation of products developed under the CyberCrowdCoin protocol, including but not limited to classified ads, social e-commerce, B2B e-commerce, B2C e-commerce, C2C e-commerce, crowdsourcing, funding, creation, and other products. The Protocol Operator is the key operator of the CyberCrowdCoin platform, driving the continued development and optimization of the platform.

(4) Web2 service provider

Web2 service providers are Web2 service providers that offer various support and services for the CyberCrowdCoin platform. They cover a variety of areas, including but not limited to:

- ▣ Open source platforms: such as WordPress, etc., provide the basic platform and tools for CyberCrowdCoin.
- ▣ E-commerce platform: providing platforms and solutions for e-commerce transactions.
- ▣ Collaboration platforms: platforms that support collaborative work and teamwork.
- ▣ Crowdsourcing/funding platform: a platform that facilitates large-scale collaborative innovation and fundraising.
- ▣ Social Media: brings social features and user communication channels to the CyberCrowdCoin platform.
- ▣ Classified Ads: Provides users with classified ad services and a platform for commodity exchange.

(5) Web3 service providers

Web3 service providers are service providers that provide support for the decentralized features and services of the CyberCrowdCoin platform. They are involved in a number of areas, including but not limited to:

- ▣ DeFi/GameFi/SocialFi: supports decentralized financial, gaming, and social services.
- ▣ Domain ENS: Provides decentralized domain name services.
- ▣ Identity DID: Provides decentralized identity verification and authentication services.
- ▣ Storage Service IPFS: Provides decentralized data storage solutions for CyberCrowdCoin users.
- ▣ Layer2 Network: Provides Layer 2 scaling solution.
- ▣ Cross-chain: Supports interoperability between different blockchain networks.
- ▣ Wallet: Provides secure storage and management of digital assets.
- ▣ Prophecy Machine: Provide external data service for smart contract.
- ▣ Meta-universe: build a virtual digital universe space.
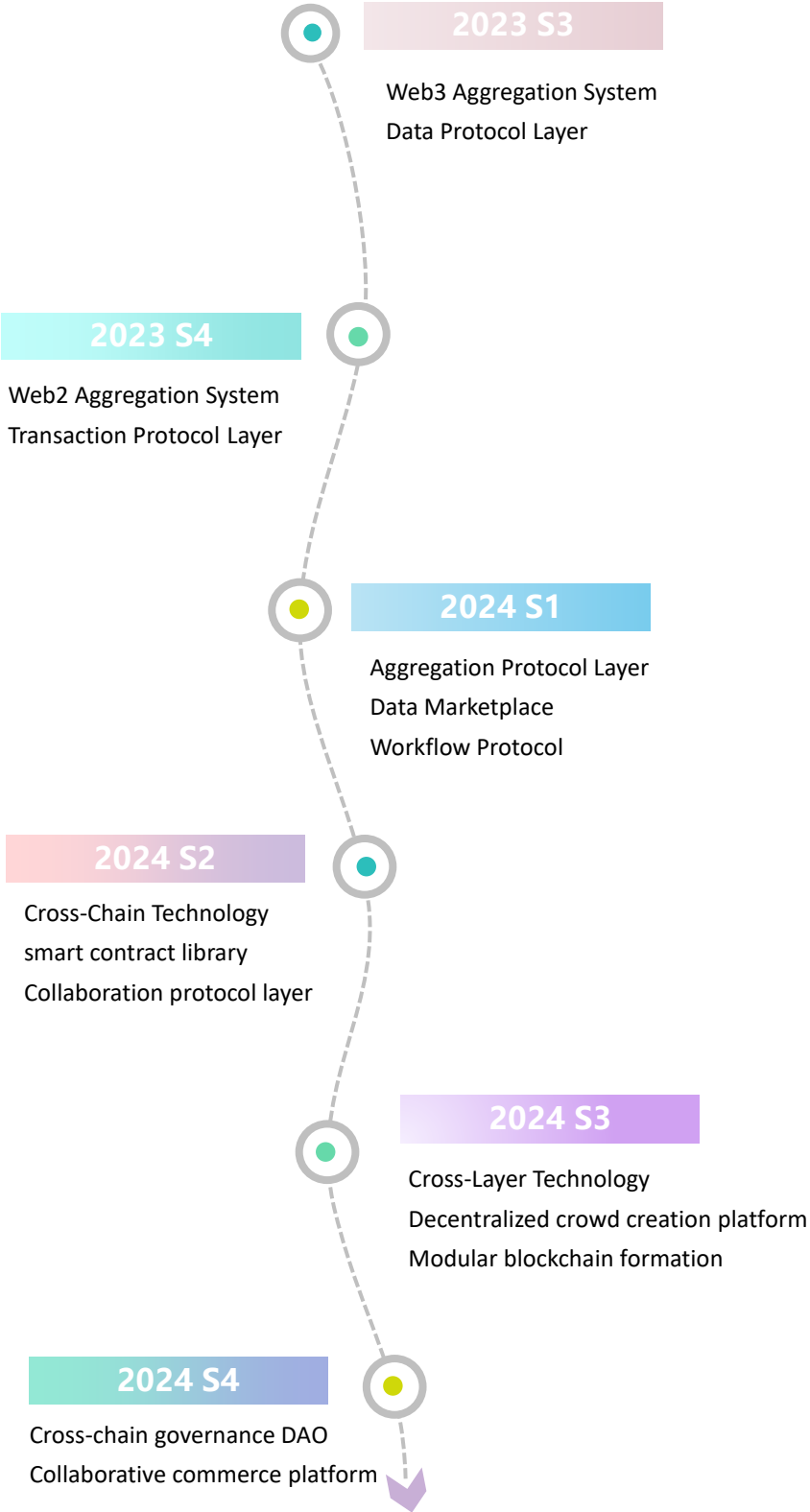
(6) Offline service providers

Offline service providers provide offline physical services for the CyberCrowdCoin platform and cooperate with each other to expand the application scenarios of the platform. These service providers include but are not limited to:

- ▣ Judicial notarization: Provide legal services and legal consulting, notarization services for offline transactions.
- ▣ Marketing: providing marketing strategies and promotion services.
- ▣ Warehousing and Logistics: Provide storage and safekeeping services for commodities and transportation and distribution services for commodities.
- ▣ Insurance and financial management: providing insurance and financial management services and protection for users.

The above ecological co-builders have their own roles in the CyberCrowdCoin platform and work together to build a powerful decentralized collaboration ecosystem, providing users with a new value exchange and social experience. The diversified ecosystem will accelerate the innovation and development of protocols and advance the prosperity and sustainable development of the digital economy.

5.Roadmap

2023 S3

Web3 Aggregation System
Data Protocol Layer

2023 S4

Web2 Aggregation System
Transaction Protocol Layer

2024 S1

Aggregation Protocol Layer
Data Marketplace
Workflow Protocol

2024 S2

Cross-Chain Technology
smart contract library
Collaboration protocol layer

2024 S3

Cross-Layer Technology
Decentralized crowd creation platform
Modular blockchain formation

2024 S4

Cross-chain governance DAO
Collaborative commerce platform

6.Economic models

6.1 Profit model

CyberCrowdCoin's main revenues include: transaction fees and protocol usage fees.

▢ Transaction fees：include transaction fees, NFT transaction fees, data usage fees, and data transaction fees.

▢ Protocol Usage Fee: For those who provide product services based on CyberCrowdCoin's protocol, a protocol usage fee is required. The license fee is distributed proportionally among the licensed developer, the product developer, and CyberCrowdCoin.

6.2 Pass model

The CyberCrowdCoin ecosystem pass is "Cyber Crowd Coin" (symbolized as CCC), with a total of 1 billion pieces.

CCC is mainly used for governance, payment, incentives, and pledges in the CyberCrowdCoin protocol ecosystem.

(1) Governance

CCC can be used for CyberCrowdCoin DAO governance. The protocol governance of CyberCrowdCoin is categorized into two types: CyberCrowdCoin protocol DAO and task DAO.

▢ The protocol DAO is used for decision-making on major CyberCrowdCoin protocol matters.

▢ Task DAOs are created for each collaborative task and are used for collaborative task governance.

The CCC holders can participate in the governance of the Task DAO. The DAO is governed by the top 100 CCC holders.

(2) Payment

CCC can be used to pay for various product services in the CyberCrowdCoin ecosystem, such as e-commerce transactions, NFT transactions, data transactions, protocol usage, and more.

(3) Incentives

- **Collaboration incentive:** Use CCC to incentivize effective behaviors for participation in collaborative tasks.
- **Creation incentive:** Use CCC to incentivize valid behaviors for participating in creation tasks such as crowd creation.
- **Transaction incentive:** For every transaction using CyberCrowdCoin protocol, the transaction behavior is incentivized with CCC.
- **Payment incentive:** Every payment using CCC will be incentivized with CCC.
- **Data sharing incentives:** CCC will be used to incentivize every active sharing of contributed data.
- **Promotion incentive:** Use CCC to incentivize participation in CyberCrowdCoin's promotion program.
- **Activity incentive:** CyberCrowdCoin will launch activities on a regular and irregular basis and use CCC to incentivize users who participate in the activities.
- **Protocol development incentives:** CCC is used to incentivize developers and projects that participate in the development of the CyberCrowdCoin protocol.
- **Protocol use incentives:** CCC is used to incentivize projects that use the CyberCrowdCoin protocol.

(4) Pledge

To use the CyberCrowdCoin protocol, it is necessary to hold and lock up a certain number of CCCs.
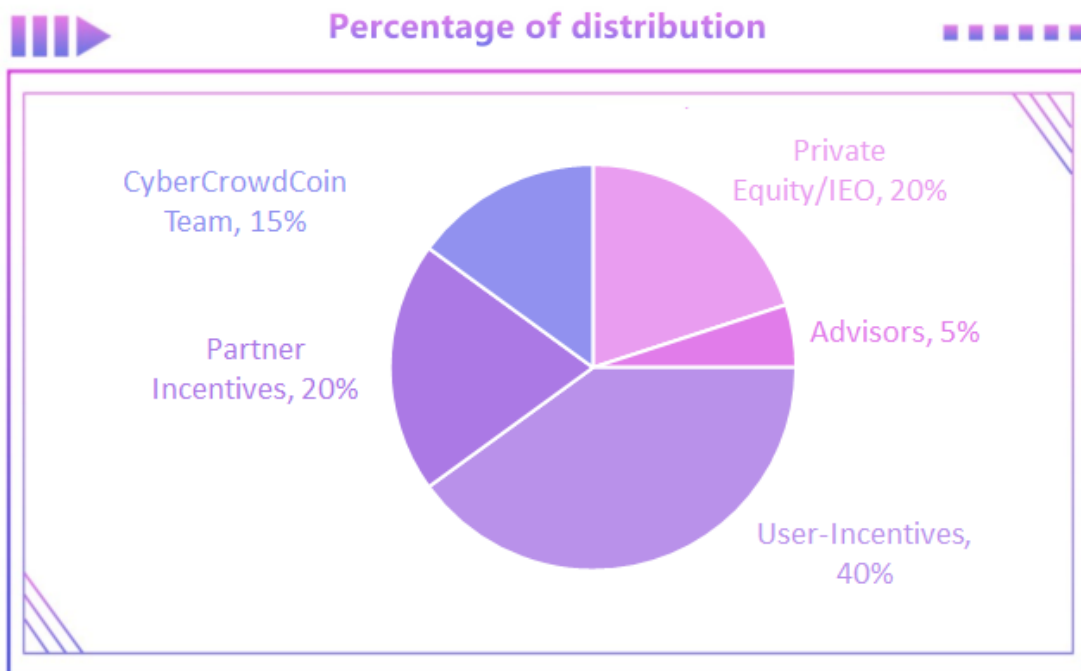
To develop based on the CyberCrowdCoin protocol, it is necessary to hold and lock a certain number of CCCs.

6.3 Percentage of distribution

Target	Usage	Percentage	Lock-up period
Private Equity/IEO	Raise capital through private investors and exchanges	20 %	Unlocking according to the lock-up period negotiated with the investor
Advisors	Incentives for advisors with significant contributions	5 %	Unlocked in equal monthly installments over 6 months after the project is opened for trading in the secondary market
User-Incentives	Incentives for users who participate in trading, payments, collaboration, creation, sharing, locking, and other activities on the platform	40 %	Unlocked over 8 years, 5% of total amount unlocked per year
Partner Incentives	Incentives for partners who participate in the development, promotion, and operation of the platform.	20 %	Unlocked over 4 years, 5% of total amount unlocked per year
CyberCrowdCoin Team	Team incentives	15 %	36 months after the project is opened for secondary market trading, unlocked in equal monthly installments.

Percentage of distribution

CyberCrowdCoin Team, 15%
Private Equity/IEO, 20%
Advisors, 5%
Partner Incentives, 20%
User-Incentives, 40%

7.Disclaimer

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Embracing the Era of Digital Economy