IENETChain

A Global Distributed Crowdsourcing Artificial Intelligence Network

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White Paper

V1.0

Contents

1 Background

1.1 The era of intelligent economy

Among the top ten future trends predicted by Kevin Kelly in the book "Inevitable", one of the trends mentioned is "intelligence". "We are intellectualizing (intellectualization means giving the subject cognitive ability. — Editor's note.) Everything in the future can have cognitive ability, and AI will change every aspect of human society. It is integrated into all the old things, giving them the ability to recognize everything, and reconstructing the new economic structure from a macro perspective.

For business organizations, the ability of AI is like an extension of a company's "body organs." In the "old age", we can rely on classical strategic theories and methods to deal with the strategic environment of corporate organization. But with the development of information technology, the connections between organizations, people and people, and the closer connections between people and people, the complexity and uncertainty of the system have risen sharply, and we have a hard time to pass the old knowledge and theoretical framework to judge the environment and anticipate the future.

From the Internet of all things to the intelligence of all things, in addition to our physical world, we have built a new intelligent digital world. The

connotation and extension of the definition of human and enterprise organizations have been further expanded. For business organizations, the ability of AI is like an extension of a company's "body organs." In the "old age", we can rely on classical strategic theories and methods to deal with the strategic environment of corporate organization. But with the development of information technology, the connections between organizations, people and people, and the closer connections between people and people, the complexity and uncertainty of the system have risen sharply. And we have a hard time to pass the old knowledge and theoretical framework to judge the environment and anticipate the future.

To maintain sustained competitiveness in a diversified, uncertain and dynamic business environment, companies need to use cognitive capabilities to enhance their ability to recognize the internal environment of the enterprise and identify opportunities and threats to the external environment. When AI gradually integrates with the business of various industries, and when the company reduces costs and increases efficiency, it has stronger cognitive ability and stronger market competitiveness. Business leaders need to make AI as a part of a business organization, and can continue to evolve with external complexity.

To maintain sustained competitiveness in a diversified, uncertain and dynamic business environment, organizations need to use cognitive capabilities to strengthen their cognitive abilities. When AI gradually integrates with the

business of various industries and increases the efficiency of the enterprise, the enterprise which has stronger cognitive ability would also have stronger market competitiveness. Business leaders need to make AI as a part of a business organization, and can continue to evolve with external complexity.

"The future has come, it is only unevenly distributed now."

1.2 New paradigm of management and labour

In the era of AI, repetitive, procedural, and regular physical and mental labour that can be replaced by programming and intelligent machines will lose room for development; complex thinking, creative, irregular intellectual labour which requires flexible processing capabilities will have greater development potential. Higher productivity can be achieved through human-machine coordination in more and more scenes. Accenture studied the impact of new partnerships between people and machines in 12 advanced economies, predicting that AI can increase labour productivity by 40% (Figure 1.1). Through the application of AI, we can amplify and surpass the current capabilities of capital and labour to promote economic growth.

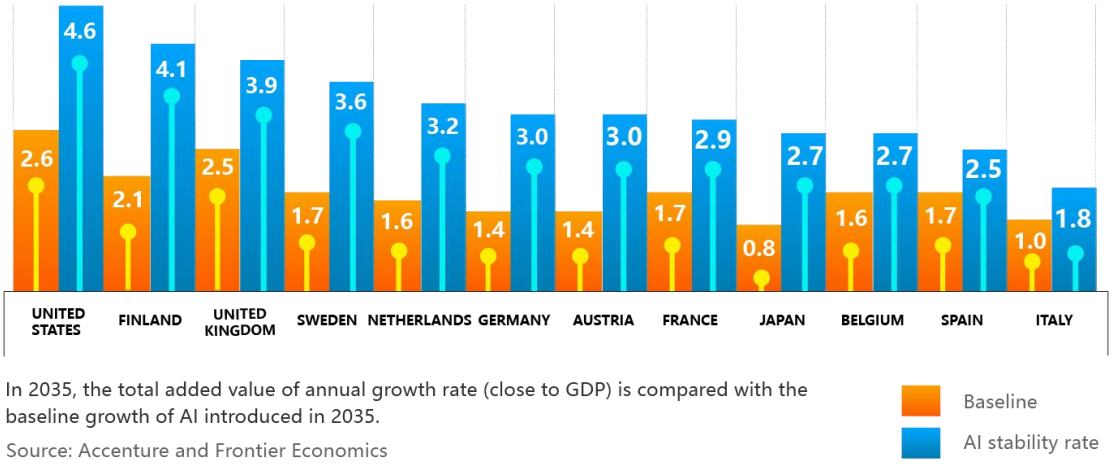


Figure 1.1 Changes in labour productivity

The combination of AI and labour can significantly improve the production efficiency of enterprises and the overall economic benefits of the society, and at the same time bring profound management changes and a new paradigm of labour to the enterprise organization.

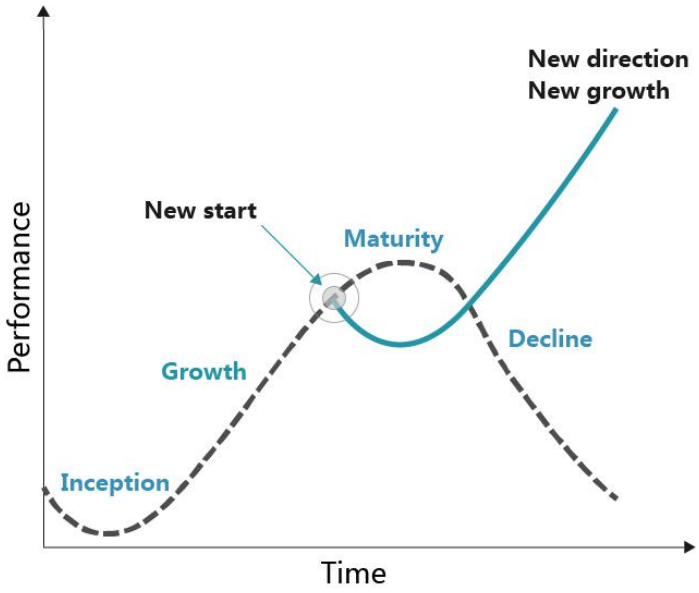


Figure 1.2 paradigm growth change

From figure 1.2, we can see as the old paradigm falls and the new paradigm rises. In the turbulent business environment—the era of intelligent economy, change is the eternal theme, and organizational boundaries are rapidly being subverted and weakened. Technology discontinuities will occur more frequently, which will make the business environment more diverse and dynamic. We should bravely abandon the methods and principles that have been successful in the past, re-examine the new threats and opportunities brought about by the new paradigm, and embrace changes.

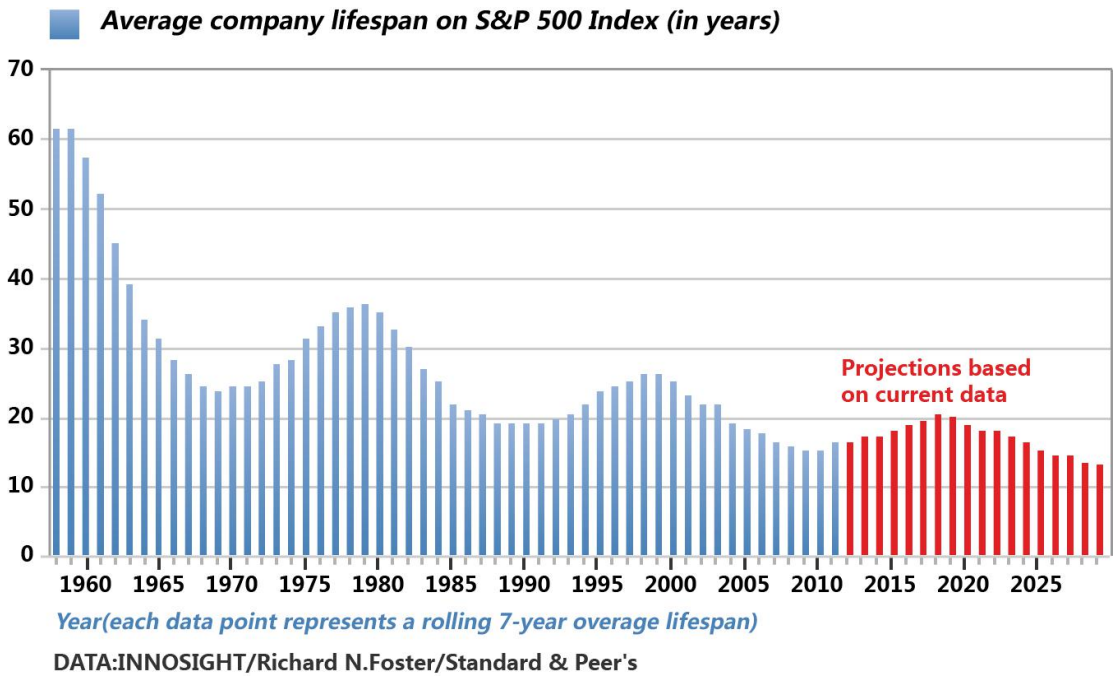


Figure 1.3 S&P 500 company average life change chart

According to the current trend, 75% of companies in the S&P 500 will

disappear from the list in 2027. The traditional boundaries of jobs are being redefined. According to the 2018 Future Employment report released by the World Economic Forum, automation technology and AI will replace 75 million jobs. But the report pointed out that as the company re-planned the division of labour between machines and humans, another 133 million new jobs will emerge, which means that the net increase of new jobs are as many as 58 million by 2022. The World Economic Forum's report covers surveys of human resources officers, strategy executives and CEOs from more than 300 companies and industries around the world. Respondents represented more than 15 million employees and more than 20 developed and emerging economies that accounted for 70% of the global economy. The report believes that there will be "significant changes" in the quality, location and form of new jobs: stable full-time jobs will be less and less. More and more companies may choose to use freelancers or professional contractors. As the division of labour between machines and humans continues to evolve, employees will also need to constantly learn new skills.

1.3 New technologies and sharing economy

Advances in technology have driven the industrial revolution. The steam engine led the industrial revolution, and information and communication technology triggered the information revolution. In recent years, the

continuous breakthrough and integration of emerging technologies such as mobile Internet, cloud computing, big data, AI, Internet of Things, and block chain have brought about earth-shaking changes in the industry. Technology provides the technical foundation for the new relationship between organizations and organizations, organizations and people, as well as people and people. In particular, the integration of AI and block chain technology is not simply the fusion of technology itself, but the mutual empowerment of new production relations and industrialization of AI. The integration of machine intelligence and human intelligence is not an isolated single connection, but a complex network that is fully connected through information technology, and enables them to work together to strengthen people's role and stimulate economic growth.

When the boundaries of the organization are constantly subverted and weakened, the traditional centralized business organization has a limit on the reduction of operating costs, management costs, production costs, etc., and the difficulty of reduction is increasing. Entropy within a closed system is continuously increasing, organizations need to be more open, and maintain extensive cooperation with external resources to allow the organization's limited resources to focus on its core business.

The rise of blockchain technology, through the integration of encryption algorithms, consensus mechanisms, distributed data storage, peer-to-peer transmission, etc., can effectively improve the cost of fraud in the traditional

transaction mode of data flow within the system, thus building a more credible transaction Environment and a credible society. However, the blockchain technology cannot guarantee the trustworthiness of the imported external data. For many scenarios, more or less external data is introduced. These data require endorsement by third parties. In such a scenario, the block chain does not create trust, but acts as a carrier of trust.

The sharing economy integrates the best resources for individuals and organizations and create maximum efficiency and innovation by sharing resources and knowledge. The shared platform company spends a lot of time and money to turn the resources that were originally needed to be organized into resources that everyone can obtain at a low price. In the shared economy, connecting organizations and organizations, organizations and people, and people and people, requires the introduction of third-party trust data. As the underlying application technology, blockchain technology can be used as a carrier of trust. At the same time, it can provide incentives for stakeholders. Resource providers sharing economic and ecosystem resources, and let more people and organizations participate in sharing.

1.4 What is IENETChain ?

Figure 1.4 IENETChain

The goal of IENETChain is to build a Global Distributed Crowdsourcing Artificial Intelligence Network. We Provide reliable, secure, efficient, friendly and low-cost blockchain-based AI services, and bring AI to ever person, every family and every organization through efficient reconfiguration of resources.

Through IENETChain, companies are able to share innovative global AI technology, creative talents as well as market resource. By encouraging global SMEs and individuals to participate in the economic and ecosystem sharing, IENETChain enables global SMEs to obtain high-quality low-cost AI services, so that they can focus on their core business.

2 IENETChain Technology Introduction

2.1 Design Concept

IENETChain provides enterprise users with AI data annotation crowdsourcing network based on token economy, AI model development, crowdsourcing network, data transaction market, model trading market and computing power trading market. Based on the actual service needs, IENETChain provides a distributed AI crowdsourcing network covering all walks of life. As a technology, blockchain cannot create trust out of thin air. Combing with innovative business models, blockchain can serve as a carrier of trust and serve the business. For enterprise services, the core issue is the effective satisfaction of demand. IENETChain is committed to solving the AI needs of global SMEs, enabling the effective combination of AI and industry and commercial landing.

In the IENETChain AI crowdsourcing network, some of the business data is stored in the storage network (such as IPFS), and key business transaction information is stored in the accounting block chain network (Ethereum), and another part of the business data is stored outside the block chain storage network. Depending on the needs of the different scenarios, the data owner can effectively control the privacy and ownership of such stored data.

The main participants of IENETChain are: data service provider, data marker, AI model developer, AI model demander, resource consumer, AI service provider, AI service demander and computing resource provider.

2.2 Technology Architecture

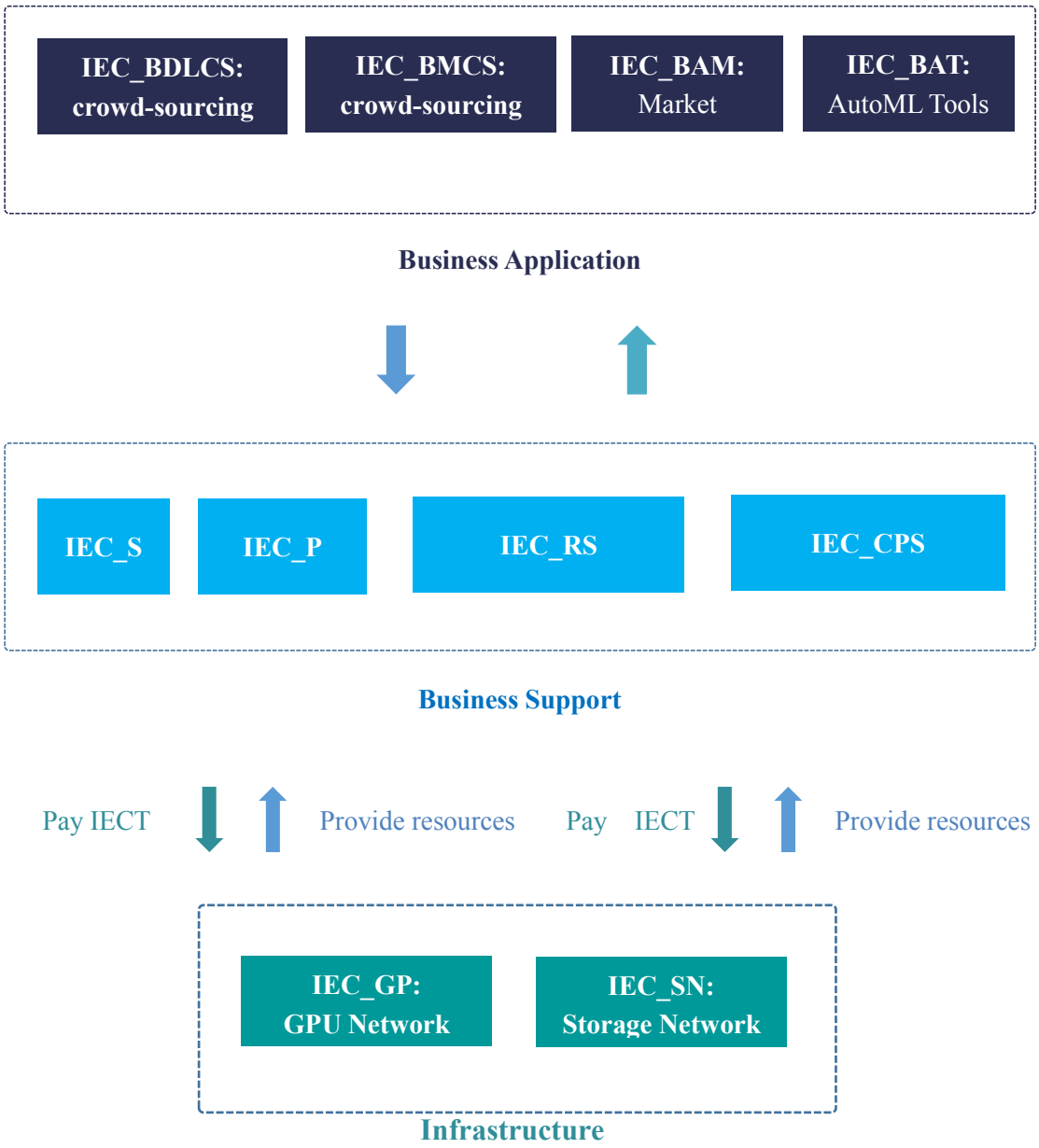


Figure 2.1 IENETChain technical architecture diagram

Business Application：

The business application layer is mainly composed of IEC_BDLCS (data annotation crowdsourcing network), IEC_BMCS (AI model development crowdsourcing network, IEC_BAM (transaction market) and IEC_BAT (tools such as machine learning automatic modelling platform). The business application layer uses the token of IENETChain - IECT as the payment method. The demand side can purchase the IECT token from the exchange to pay for the R&D business crowdsourcing. IEC_BAT is an automated machine learning platform based on blockchain technology. This tool is convenient for developers to develop AI models, and will provide more efficiency tools to assist developers in the future. IEC_BAM mainly includes AI data transactions, AI model transactions and AI service transactions.

Business Support：

The service support layer mainly includes IEC_S network (such as IPFS storage network), IEC_P (Ethereum), resource allocation and payment system. The IEC_S network is the storage network of the business data files. AI annotation data, AI model development data set, the market model file and the data set can be encrypted and stored in the IEC_S network according to the scene. Business critical transaction information is stored in the IEC_P network, and IEC_P is used for the entire ecosystem. The Resource allocator is mainly responsible for resource scheduling, such as resource scheduling for parallel

computing of GPUs.

Infrastructure :

The infrastructure layer mainly includes IEC_GP (GPU computing resource network) and IEC_SN (Storage Computing Network), which mainly provides computing power and storage resources for upper-layer business applications.

2.3 Consensus mechanism

Because IENETChain's GPU computing node network, storage node network and accounting node adopt DPOS (Delegated Proof of Stake) consensus algorithm adopts decentralized voting mechanism, it is more democratic than other consensus algorithms. Confirm the block by voting the selected representative node, so the number of nodes participating in the verification and the number of accounting nodes can be greatly reduced, and the consensus verification can reach the second level.

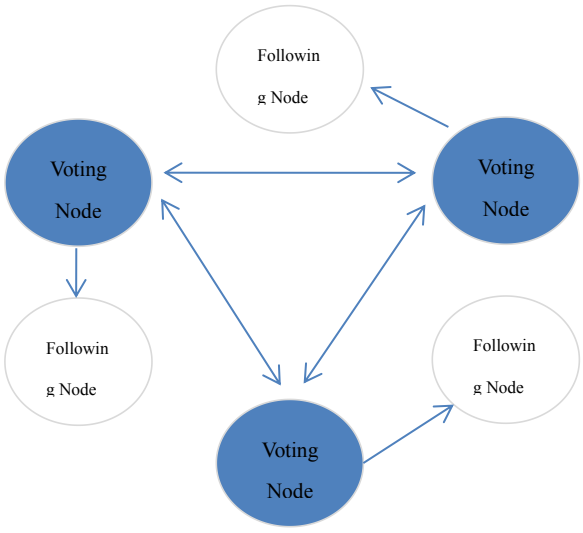


Figure 2.2 DPOS schematic

2.4 AINET LIMITED focuses on "artificial intelligence + industry"

AINET LIMITED (Hangzhou Shenxiang Technology Co., Ltd. is its holding subsidiary, and Shenxiang Technology Co., Ltd. is a technology R&D and technology landing service company in mainland China). With the help of IENET Chain Crowdsourcing AI Network, AINET LIMITED will set up its own holding subsidiaries and R&D bases around the world to provide AI technology services to SMEs worldwide in the future. The following aspects of artificial intelligence technology research and development and commercial landing.

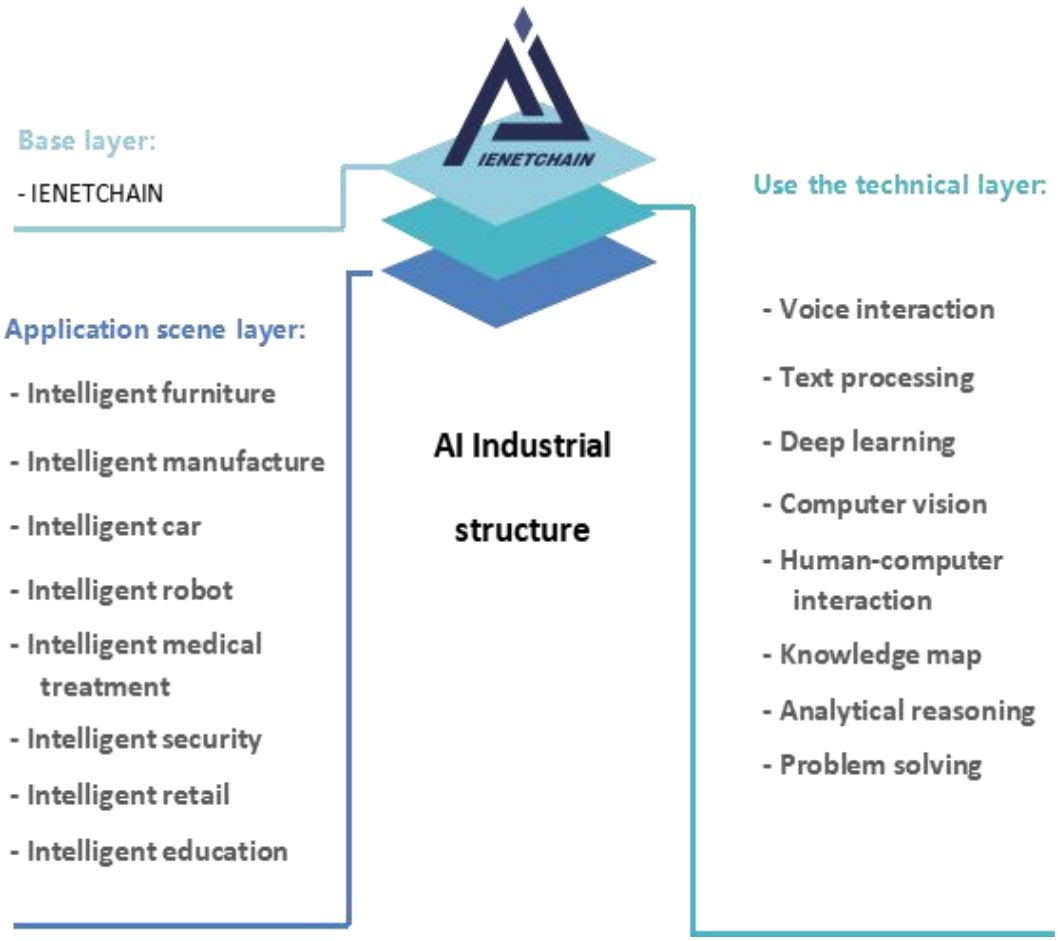


Figure 2.4 IENETChain Service AI+ Industry

2.4.1 Intelligent Finance

The financial industry is one of the most ideal application areas for AI. This is because the financial field retains the most complete historical data, and the ultimate goal of the financial industry is easily quantified.

AINET LIMITED focuses on intelligent investment, intelligent customer service and intelligent risk control in the financial sector.

1. Intelligent Investment: As an online tool, you can automatically analyze your customers' financial status and use big data analysis to provide tailored advice. You can also manage your portfolio to invest in quality products. Robotics consultants allow clients to participate in active investments (such as stock selection) and charge appropriate service fees for portfolio adjustments and other services. AINET LIMITED will leverage its technology accumulation in depth enhancement and exploration in quantitative analysis to provide users with portfolio recommendations that maximize user benefits.

2. Intelligent customer service means that the robot can use the natural language to interact with the user to solve the user's problems with the product or service. Based on big data, cloud computing, especially AI technology, intelligent customer service accelerates enterprise customer service intelligence. It relies on knowledge map to answer short answer questions. It reduces

manual customer service usage, and improves customer service efficiency and effectiveness. AINET LIMITED will use its technology accumulation in the field of natural language processing and knowledge mapping to build a question-and-answer system based on knowledge maps for customers.

3. Intelligent risk control.: AI and big data technology are combined to build an intelligent risk control system. Through the comprehensive evaluation of multi-dimensional data such as user transaction behavior, credit status and social relationship, the final evaluation result is obtained. Through intelligent risk control, financial enterprises can significantly reduce the problems of traditional financial industries such as transaction fraud, credit risk management, and credit defaults in a more efficient manner. AINET LIMITED will use multi-view learning to make deep user portraits of users and then rate user credits.

2.4.2 Intelligent entertainment

With the improvement of people's material living standards, people's spiritual pursuit of culture, art, entertainment and other aspects is also getting higher and higher. The text, pictures and other carriers formed in the field of entertainment are suitable for utilizing current AI technology, especially deep learning technology. AINET LIMITED focuses on content production and product optimization in the entertainment field.

1. Content production refers to the use of AI technology to automatically

create entertainment works, such as news report generation, poster design and art creation. AINET LIMITED mainly uses its accumulation in text generation and migration learning technology to automatically generate news styles, posters, artworks, etc. and style migration.

2. Product optimization refers to the intelligent optimization of an entertainment product using AI technology, for example: (1) Optimizing the video recommendation algorithm for the video playback website (2) Identifying the image uploaded by the user for a certain art transaction website Identification. AINET LIMITED primarily leverages its technology accumulation in the area of recommended systems, providing improvements in product personalization and improving the user experience in a segment.

2.4.3 Intelligent medical treatment

With the aging of the population, the problems of the increase in the population of chronic diseases, the shortage of high-quality medical resources, and the rising public medical expenses are more and more obvious. The application of medical AI has brought new development direction and impetus to the current medical field. With the continuous development and application of AI technology in the medical field, this industry will greatly simplify the current cumbersome medical treatment process, and provide better solutions for human beings in optimizing medical resources and improving medical

technology. AINET LIMITED focuses on intelligent medical imaging and intelligent health management in the medical field.

1. Intelligent medical imaging is the application of AI technology to the auxiliary diagnosis of medical imaging. At present, medical imaging technology mainly focuses on deep learning technology, and uses CNN and other network structures to extract features from medical images, and then performs lesion point recognition and semantic segmentation. AINET LIMITED will use its technology accumulation in the field of computer vision to perform disease-assisted diagnosis in specific areas of medical imaging.

2. Intelligent health management is a specific scenario in which AI technology is applied to health management, and medical sensors are used to monitor personal health. Currently it focused on risk identification, virtual nurses, mental health, online consultation, health interventions, and health management based on precision medicine. With the development of , big data emerges from personal medical records, POCT equipment, various health smart devices, and mobile APPs. The health management industry is becoming the mainstream of preventive medicine because of its characteristics of prevention. AINET LIMITED will focus on the use of medical informatics, clinical medical knowledge and virtual human technology to provide virtual medical hospital follow-up services for the medical industry.

2.4.4 Intelligent education

Education is the foundation for building a country's comprehensive national strength in the future. In order to improve the quality and efficiency of education, it is necessary to minimize the "digital divide" between schools in different regions and promote the sharing of educational resources. Education informatization is an important component of promoting the development of education. In recent years, the education industry has introduced AI technology. Commonly used are photo search questions, expression recognition, companion robots, personalized education, and dialogue education. AINET LIMITED focuses on personalized education and conversational education in the field of education.

1. Personalized education is an inevitable trend in the development of educational applications in the era of AI. Everyone, whether a child or an adult, has unique thinking characteristics and learning styles. Personalized education can help schools and teachers provide personalized teaching, while helping children to improve learning efficiency and stimulate interest in learning. By collecting and analyzing students' learning data, AINET LIMITED will gradually outline the learning styles and characteristics of each student with AI, and then automatically adjust the teaching content, mode and rhythm so that each child can get the education that is most suitable for them.

2. Conversational education refers to the use of robots as educators to communicate directly with children. The more the robot communicates with the

child, the deeper the understanding of the child. Based on its accumulation in the field of dialogue systems, AINET LIMITED will build a learning platform that enables personalized conversational education.

2.4.5 Intelligent Retail

Benefiting from the digital transformation of the retail industry, AI has penetrated into the retail value chain. As major retail companies join, e-commerce giants and technology companies are deploying AI. The application of AI in the retail industry has moved from individual to aggregation, and the retail industry has opened the curtain of transformation using AI. AINET LIMITED focuses on the use of AI technology to improve the user experience in the retail sector. For example, AINET LIMITED is developing an interactive merchandising system. The system uses deep reinforcement learning technology and natural language processing technology to first analyze the customer's intentions, and then recommend the goods to the customer from the product library. User can filter the products through natural language feedback. All of such interaction is carried out using natural language (ie, conversational).

3 Economic ecosystem

3.1 IENETChain ecosystem

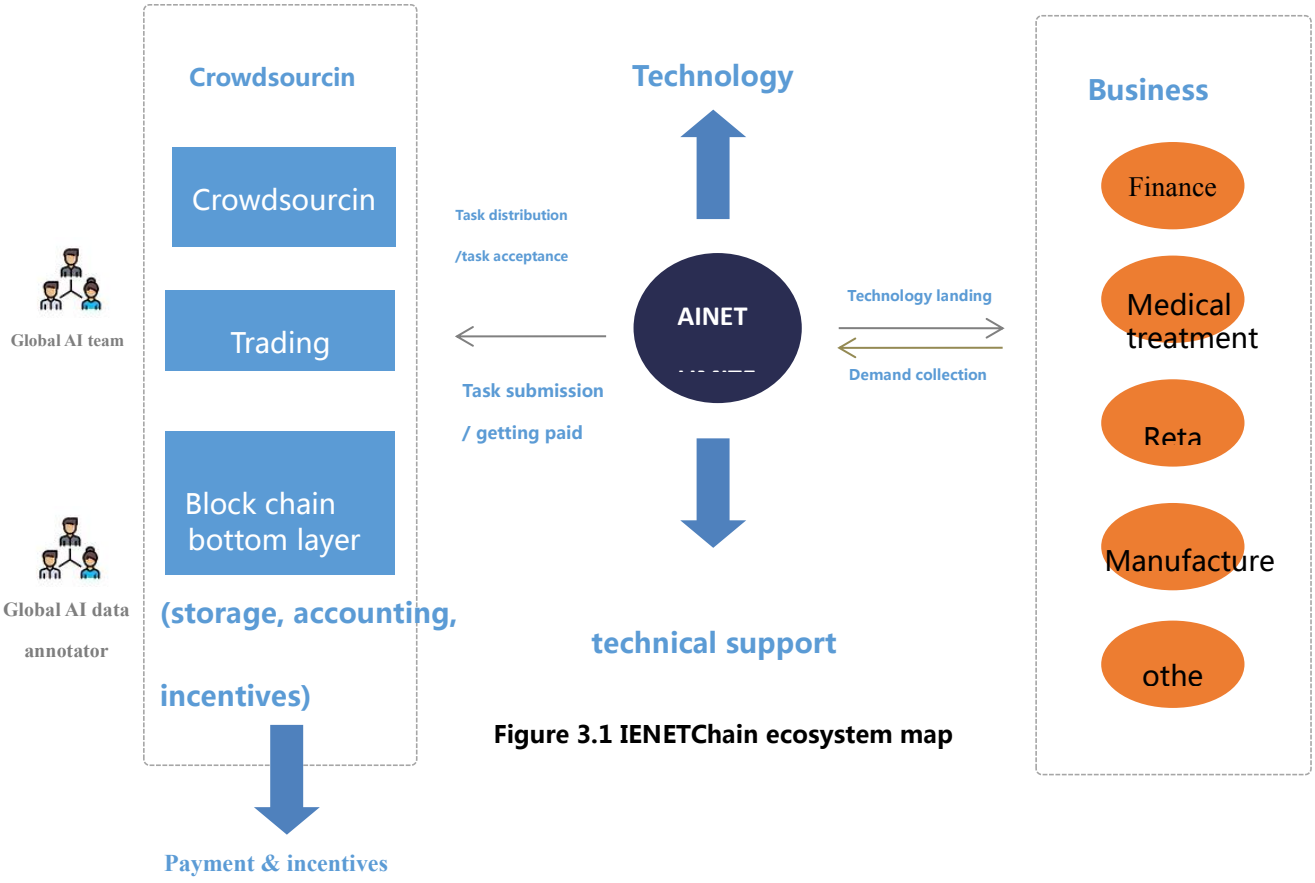


Figure 3.1 IENETChain ecosystem map

The IENETCHAIN ecosystem aims to build a globally distributed AI crowdsourcing network involving block chain technology enthusiasts, AI data providers, AI developers, business experts in various fields, industry resources, investors and other third party services Provider. The community will apply AI applications in all industries such as finance, medical, agriculture, smart

manufacturing and the Internet of Things. Collaborate with industry customers in the global collaborative network and vertical sectors, and provide high-quality, low-cost customized AI technology solutions for various industries.

AINET LIMITED is the technical support for IENETChain. With AINET LIMITED, AI technology solutions can be deployed to specific scenarios of SMEs around the world.

3.2 IENETChain crowdsourcing network

The IENETChain crowdsourcing network is mainly composed of AI data annotation crowdsourcing network, AI model development crowdsourcing network, AI data transaction market and block chain network. IENETChain AI crowdsourcing network is supported by AINET LIMITED.

3.3 AI+ industry's business landing

As a company of AI and intelligent service, AINET LIMITED combines high-quality AI research and development, service, market and other resources to provide high-quality and low-cost services for SMEs.

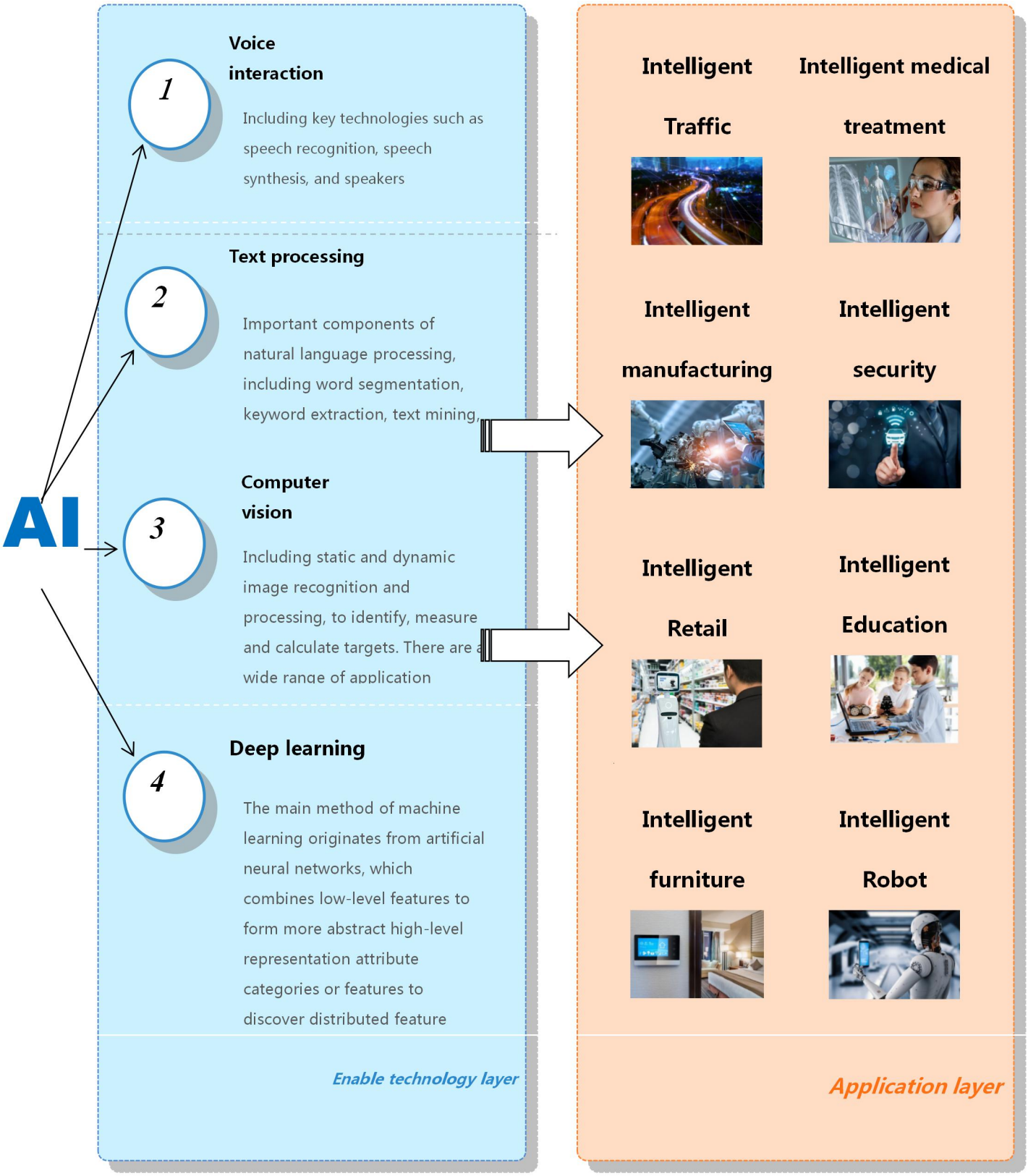


Figure 3.3 AI+Industry

4 IECT Token

4.1 IECT mechanism

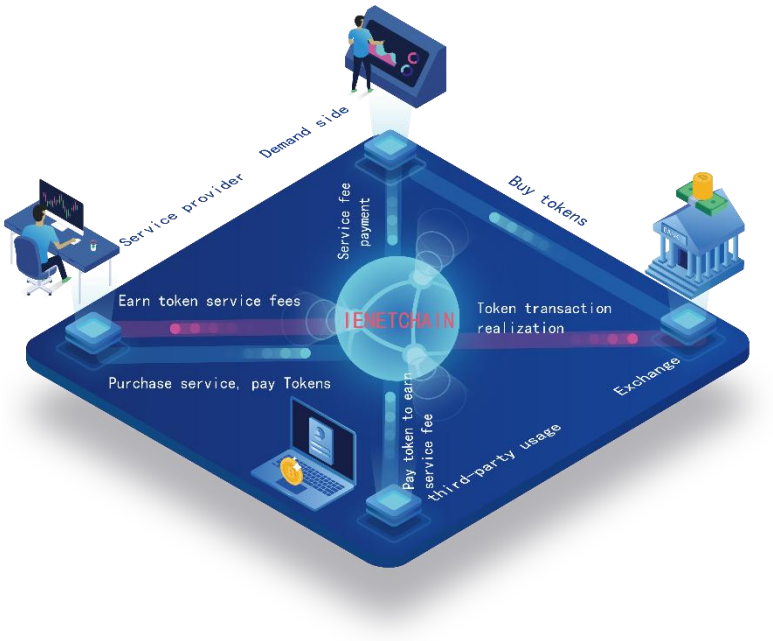


Figure 4.1 Schematic diagram of token economy

The native digital cryptographically-secured utility token of IENETChain (IECT) is a transferable representation of attributed functions specified in the protocol/code of IENETChain, designed to play a major role in the functioning of the ecosystem on IENETChain, and intended to be used solely as the primary utility token on the network.

IECT is a non-refundable functional utility token which will be used as the

medium of exchange between participants on IENETChain. The goal of introducing IECT is to provide a convenient and secure mode of payment and settlement between participants who interact within the ecosystem on IENETChain. IECT does not in any way represent any shareholding, participation, right, title, or interest in the Foundation, the Distributor, its affiliates, or any other company, enterprise or undertaking, nor will IECT entitle token holders to any promise of fees, dividends, revenue, profits or investment returns, and are not intended to constitute securities in Singapore or any relevant jurisdiction. IECT may only be utilised on IENETChain, and ownership of IECT carries no rights, express or implied, other than the right to use IECT as a means to enable usage of and interaction within IENETChain.

IECT also provides the economic incentives which will be consumed to encourage participants to contribute and maintain the ecosystem on IENETChain. IECT is an integral and indispensable part of IENETChain, because without IECT, there would be no incentive for users to expend resources to participate in activities or provide services for the benefit of the entire ecosystem on IENETChain. Users of IENETChain and/or holders of IECT which did not actively participate will not receive any IECT incentives.

To optimize the ecosystem and economic value of the IENETChain network and attract more community developers and participants, IENET Chain will issue IECT tokens for a total of 2 billion.

The IECT token can be used in the following situations, but is not limited to:

1. Incentives: IECT will be distributed to reward community developers and contributors who have participated in ecosystem development.

2. Data annotating service payment: A user may broadcast a data annotating task, and if there is a service provider the service fee/remuneration may then be agreed and paid through the IECT certificate.

3. Model development business payment: A user may broadcast an AI model development task, and if there is a service provider the service fee/remuneration may then be agreed and paid through the IECT certificate.

4. Data trading market: IECT would be utilised as the universal platform currency for payment between users on the data trading market.

5. Model trading market: IECT would be utilised as the universal platform currency for payment between users on the model trading market.

6, AI trading market: IECT would be utilised as the universal platform currency for payment between users on the AI trading market.

7. Consensus Reward: Consensus nodes on IENETChain would need to expend computing resources to maintain the blockchain, so they would be paid a small amount of IECT token from each transaction as a reward (i.e. "mining" on IENETChain) proportionate to the work performed.

8. Resource sharing reward: Storage nodes would need to expend resources to provide storage services/complete storage tasks, and the AI computing node would also need to expend resources to complete the AI model training task, and these service providers they will be incentivised with

IECT token rewards proportionate to the work performed.

You can also get an IECT token in the following ways:

1. Purchase from other users through third-party trading platforms (to the extent a secondary market or exchange for trading IECT does develop, it would be run and operated wholly independently of the Foundation, the Distributor, the sale of IECT and IENETChain. Neither the Foundation nor the Distributor will create such secondary markets nor will either entity act as an exchange for IECT).

2. Participate and receive rewards by contributing to the IENET Chain ecosystem development.

The distribution plan for IECT is as follows:

use case	**proportion**	**Details**
Private sales	5%	Early institutional supporters of the project
Founding team	10%	Incentives for founding teams, core developers, and market operation team. The lock-up period is 1 year.
Community incentives	5%	Incentives for community users who contribute to the IENETChain ecosystem.
Community operations	10%	Establish communities at home and abroad, AI developer communities, and organize online and offline community activities.
Node incentive	40%	Incentives for consensus nodes, storage nodes, and

		compute nodes.
Research institution cooperation	10%	Invested in cooperation with well-known research institutions at home and abroad.
Community technology investment	20%	Hire AI technical experts and consultants and build R&D bases and laboratories at home and abroad, and increase the application research on the commercial landing of AI technology.

The contributions in the token sale will be held by the Distributor (or its affiliate) after the token sale, and contributors will have no economic or legal right over or beneficial interest in these contributions or the assets of that entity after the token sale. In particular, it is highlighted that IECT:

(a) is non-refundable and cannot be exchanged for cash (or its equivalent value in any other virtual currency) or any payment obligation by the Foundation, the Distributor or any affiliate;

(b) does not represent or confer on the token holder any right of any form with respect to the Foundation, the Distributor (or any of its affiliates), or its revenues or assets, including without limitation any right to receive future dividends, revenue, shares, ownership right or stake, share or security, any voting, distribution, redemption, liquidation, proprietary (including all forms of intellectual property or licence rights), or other financial or legal rights or equivalent rights, or intellectual property rights or any other form of

participation in or relating to IENETChain, the Foundation, the Distributor and/or their service providers;

(c) is not intended to represent any rights under a contract for differences or under any other contract the purpose or pretended purpose of which is to secure a profit or avoid a loss;

(d) is not intended to be a representation of money (including electronic money), security, commodity, bond, debt instrument or any other kind of financial instrument or investment;

(e) is not a loan to the Foundation, the Distributor or any of its affiliates, is not intended to represent a debt owed by the Foundation, the Distributor or any of its affiliates, and there is no expectation of profit; and

(f) does not provide the token holder with any ownership or other interest in the Foundation, the Distributor or any of its affiliates.

5 Business Applications

5.1 AI data annotation crowdsourcing network based on Token economy

5.1.1 Design concept and technical architecture

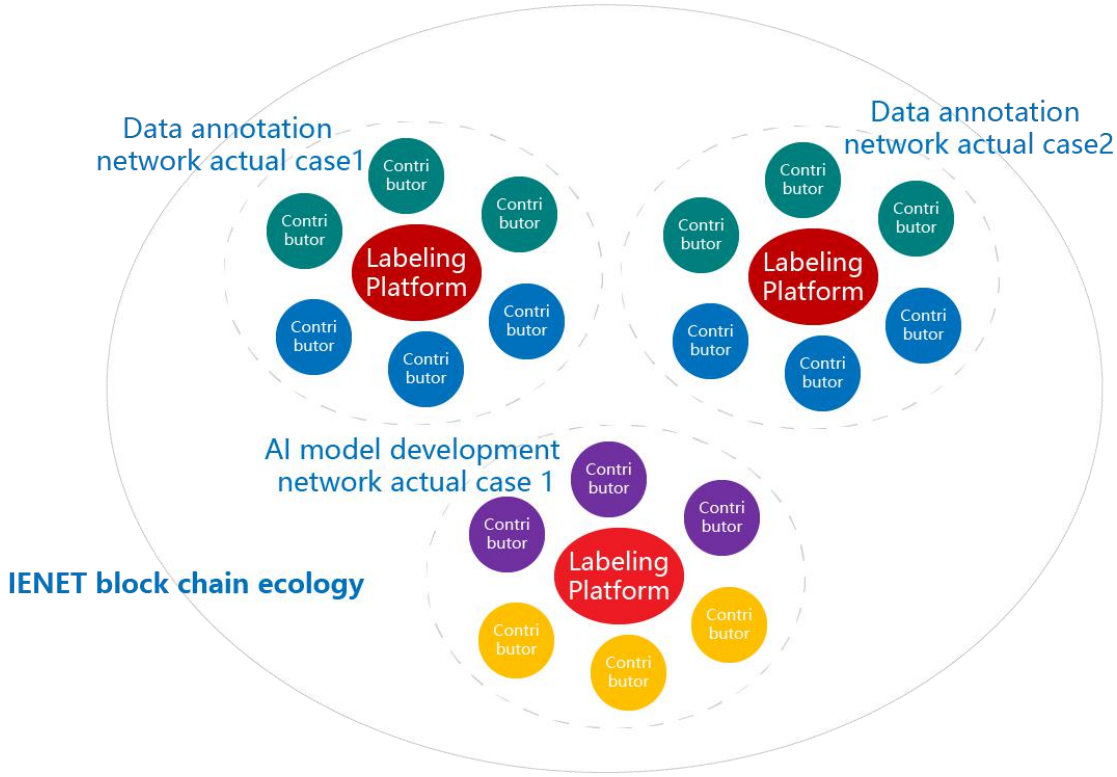


Figure 5.1 design concept

There are three main stakeholders in this subsystem, namely the platform, customer and contributor. The interests of each interested party are not consistent. Among them, Customer hopes that the platform can provide an easy-to-use and cost-effective system. The platform hopes to attract enough contributors and customers to its own platform and enhance itself. The contributor hopes that the system is easy to use and can bring good returns. Will the platform become powerful enough to bully customers and contributors? With the decentralized features of IENET, this problem can finally be solved.

The data annotation subsystem is implemented in two phases. In the first phase, a centralized data annotation system is implemented, and the centralized contracting system completes the deployment of intelligent contracts and the uplink of important transaction data. The second phase implements decentralized data. The annotation system, the deployment of smart contracts, and the winding of important transaction data are completed by each DApp itself.

The network topology diagram of the data annotation system is as follows, including the Contributor terminal (PC or terminal), the Customer computer host, the marking platform server, the accounting link node, and the storage chain node. It should be noted that neither the Customer host nor the Contributor terminal interact with the billing chain/storage chain.

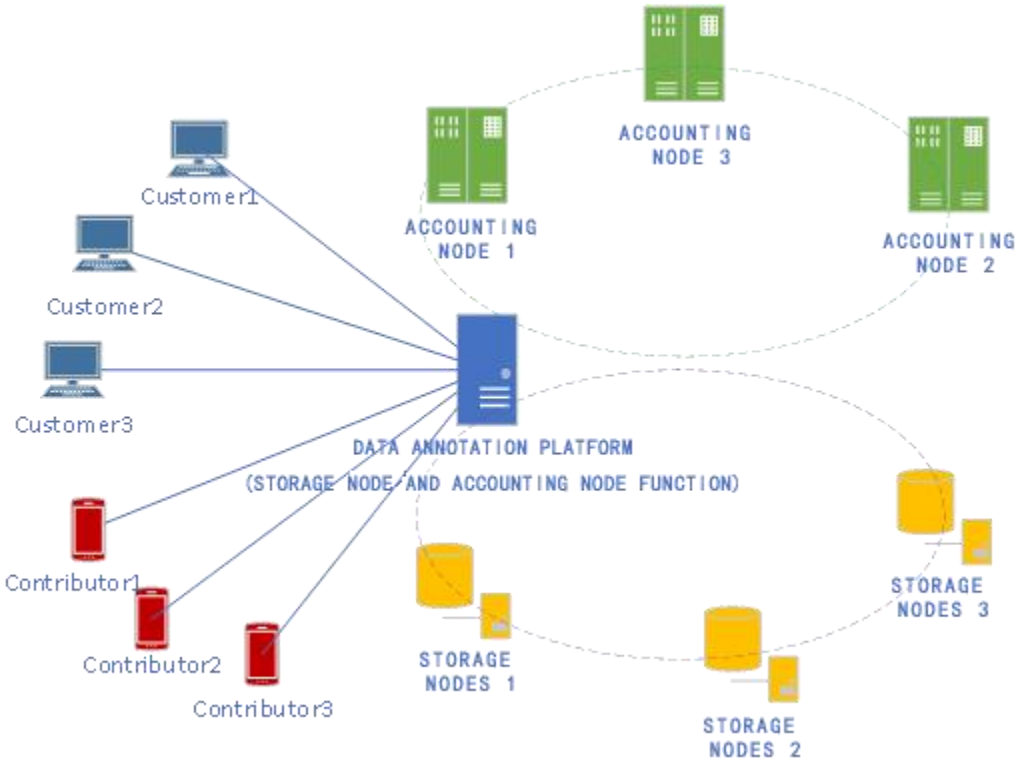


Figure 5.2 Data annotation platform network topology

5.1.2 Features

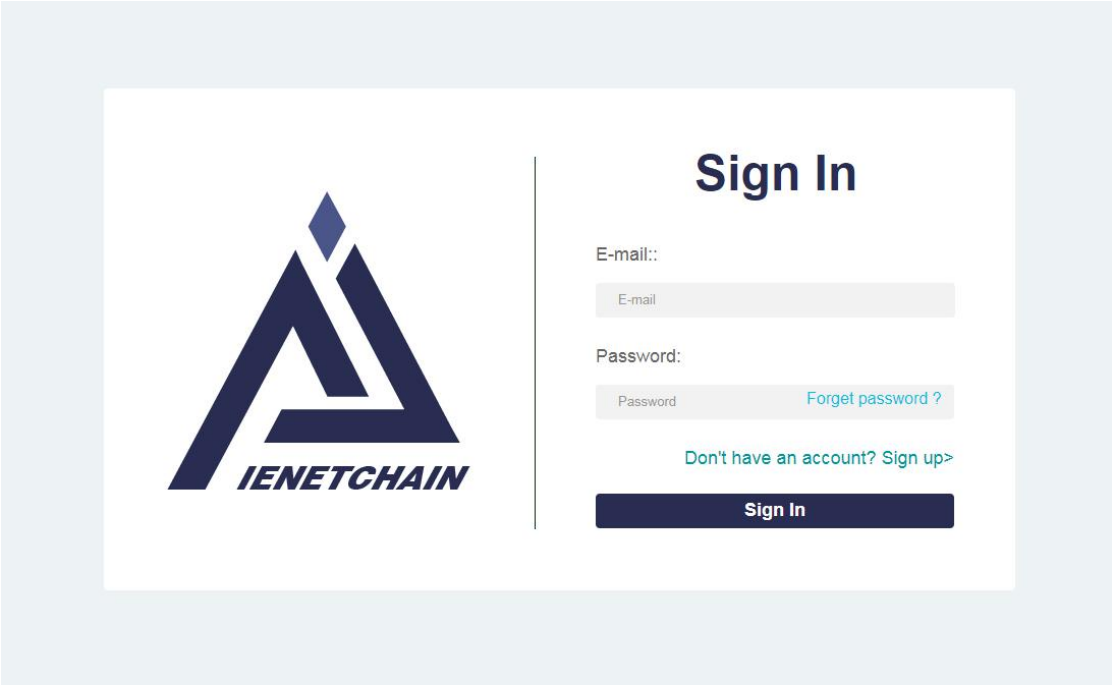


Figure 5.3 Data annotation platform login interface

Currently, WEB page login is provided, which supports PC and mobile phones. The APP development has been included in the R&D program.

1) Customer side

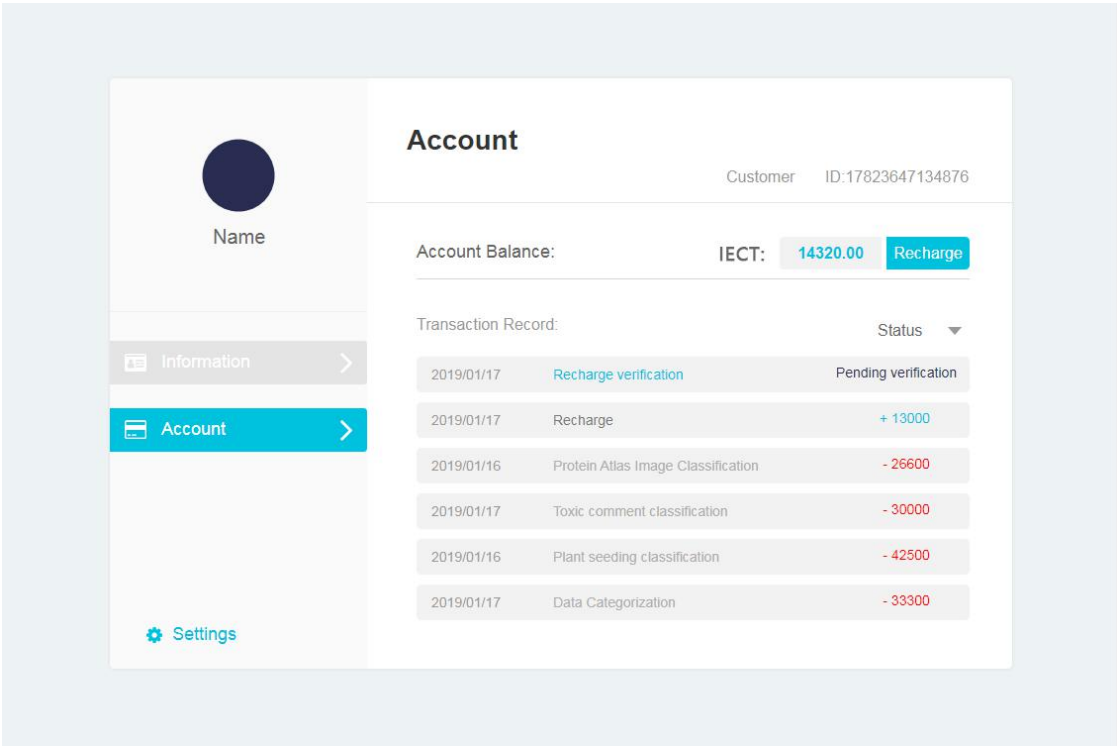


Figure 5.4 Data annotating platform Customer side

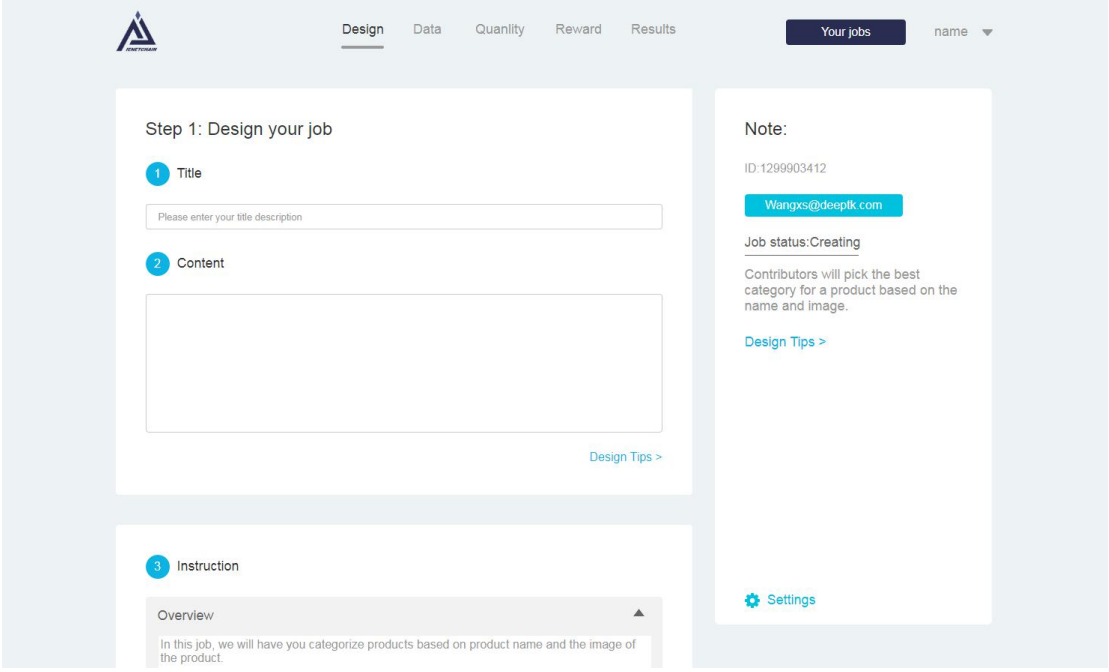


Figure 5.5 Data annotating platform Customer side

The platform supports demand side custom data annotation tasks, support voice, image, text and other data formats

1) Contributor

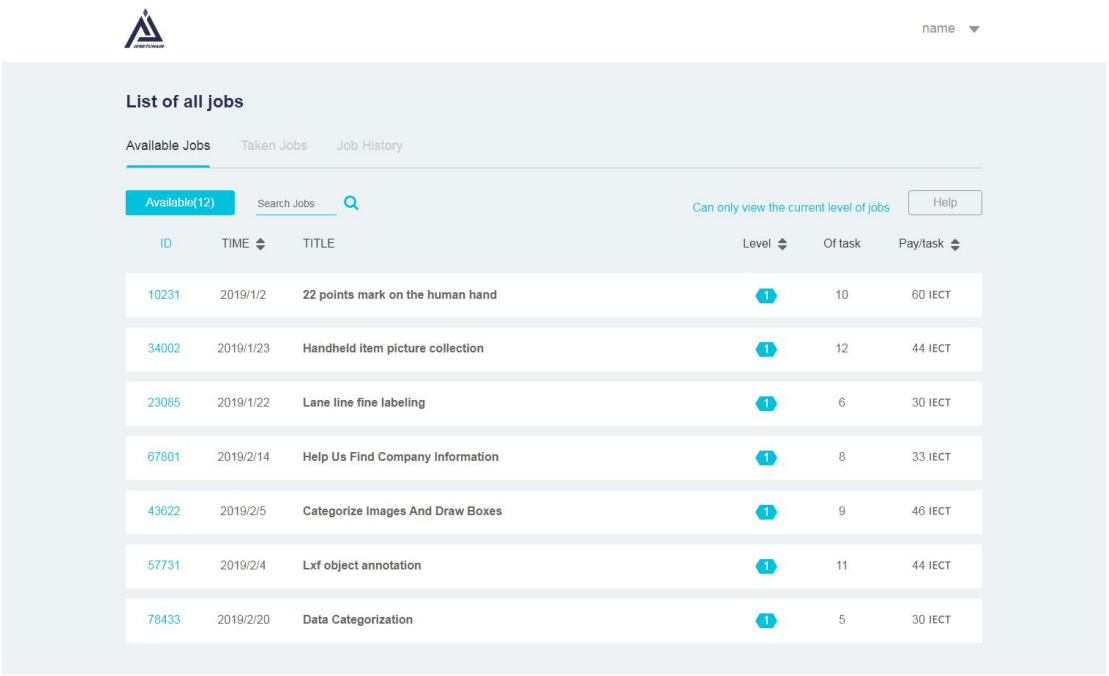


Figure 5.6 Contributor workbench interface

Contributor does not need to open a bank account. As long as you have a computer or a mobile phone in any place with Internet, you can access the data annotation platform, and provide data annotation for AI enterprises around the world through self-employed work.

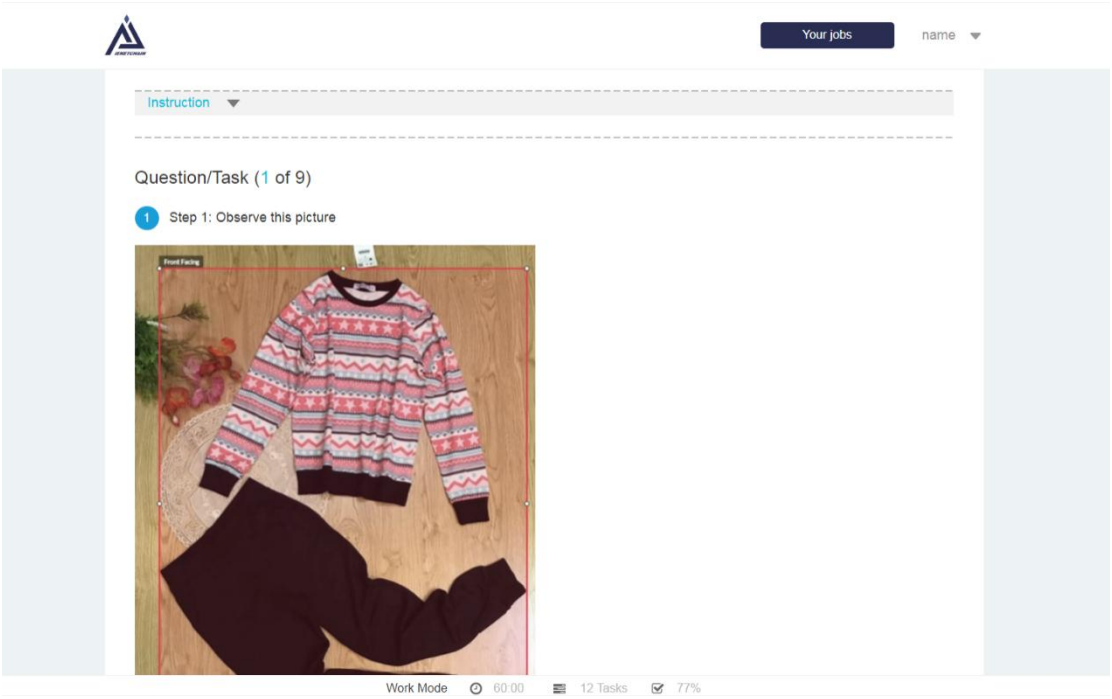


Figure 5.7 Data annotation task interface

Contributor performs data annotation based on the rules of the customer's customization.

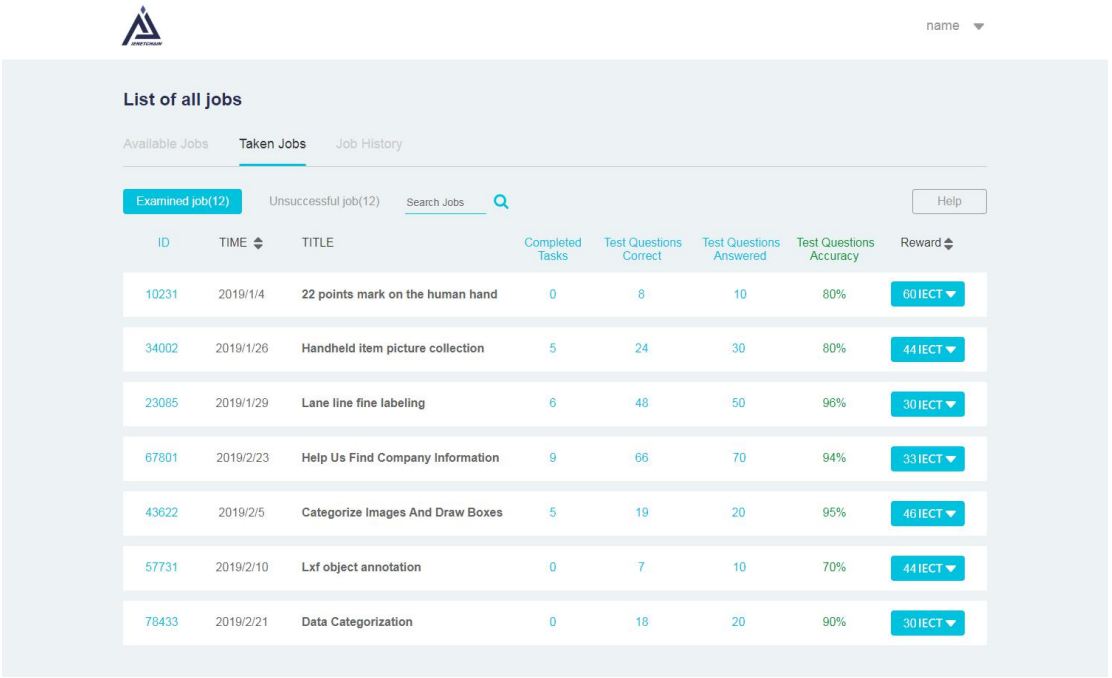


Figure 5.8 Data annotation platform task interface

Built-in automated evaluation mechanism to ensure the quality of tasks.

5.2 AI model development crowdsourcing network based on Token economy

5.2.1 Design concept and technical architecture

IENETChain is an organic system combining AI and block chain. Macroscopically, IENETChain consists of one or more AI subsystems, which can be data annotation subsystems, or AI model crowdsourcing network subsystems, etc. The individual subsystems are composed of their respective customers, contributors, and AI platforms (such as data annotation platforms).

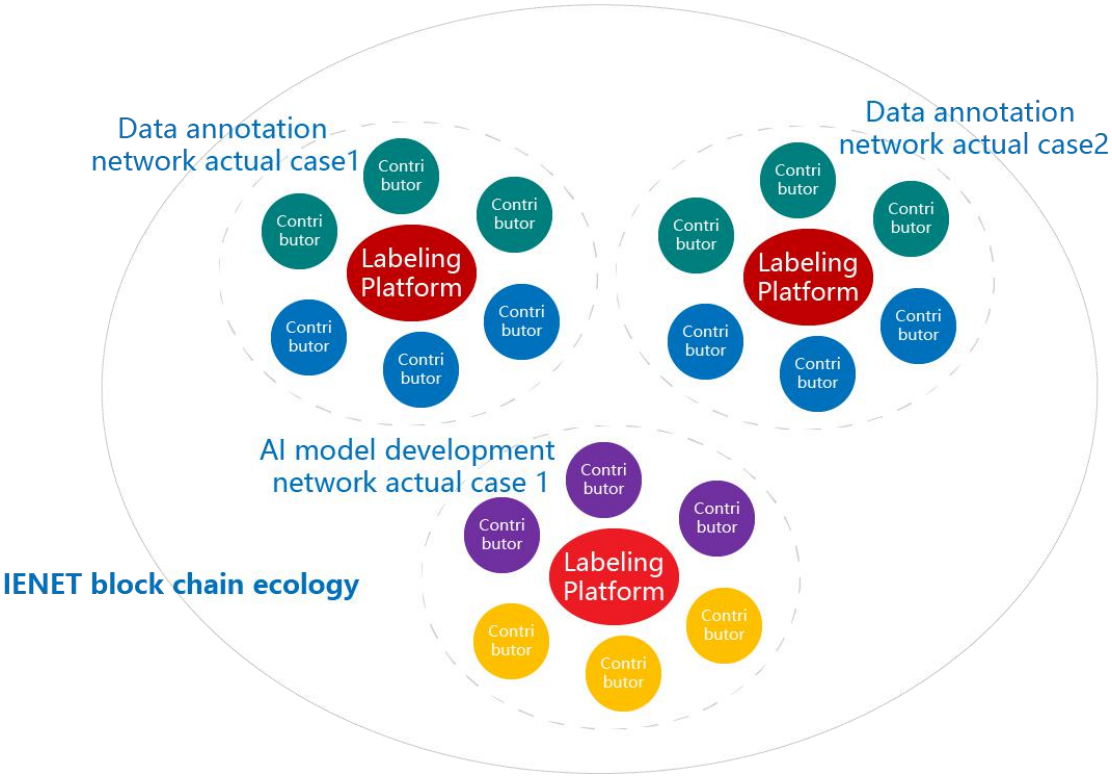


Figure 5.9 IENET Block chain ecosystem map

In the crowdsourcing network subsystem, there are mainly three stakeholders: the platform, customers and contributors, and the interests of each related party are not consistent. Among them, customer hopes that platform can provide cost-effective system; platform hopes to attract enough contributors and customers to its own platform and enhance its value; contributors hopes that the platform is easy to use and get good returns. Will the platform become powerful enough to bully customers and contributors? With the decentralization of IENETChain, these problems can finally be solved.

The topology of the AI model crowdsourcing network is as follows, including the Contributor terminal (PC or terminal), Customer host, AI model R&D crowdsourcing network server (including application server, model verification server), accounting link node, storage link point.

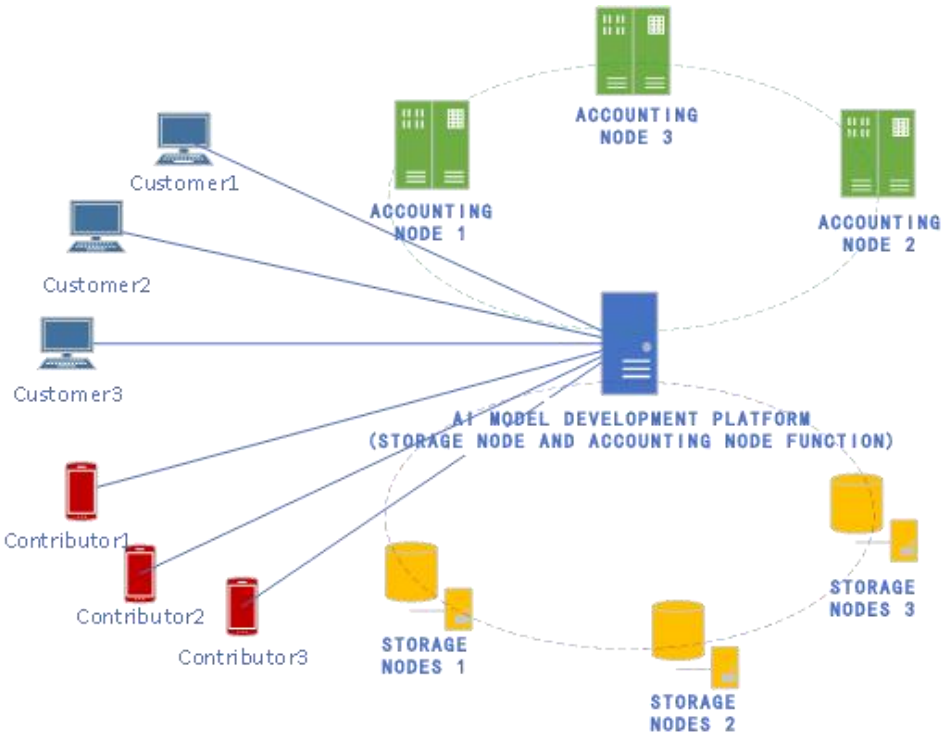
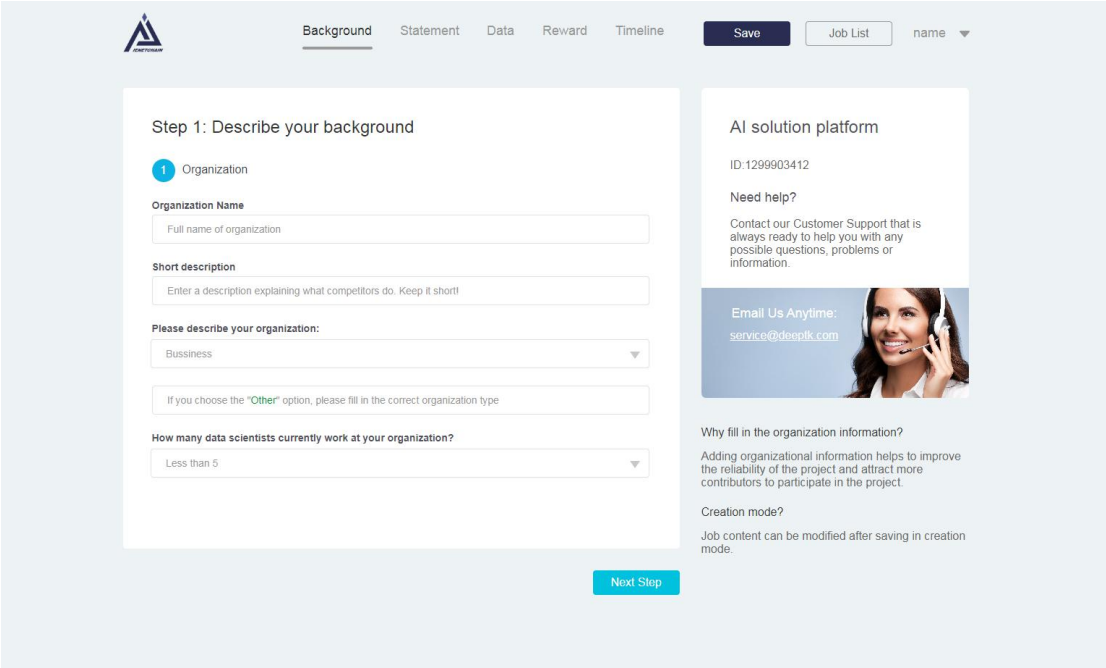


Figure 5.10 AI model development crowdsourcing network topology

5.2.2 Features



Picture 5.12 Customer task interface

When Customer publishes the AI model development task, it needs to fill in

the company information, task requirement description, data set, compensation and project cycle, so that the contributor can select the project that suits himself.

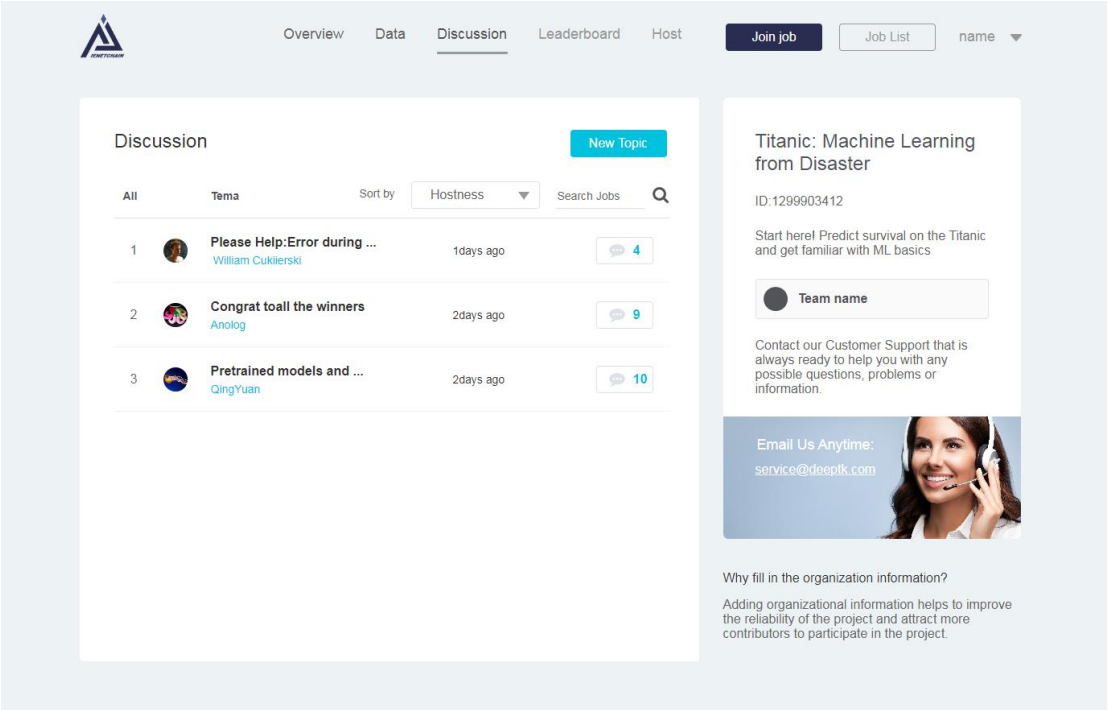


Figure 5.13 Supporting team online communication

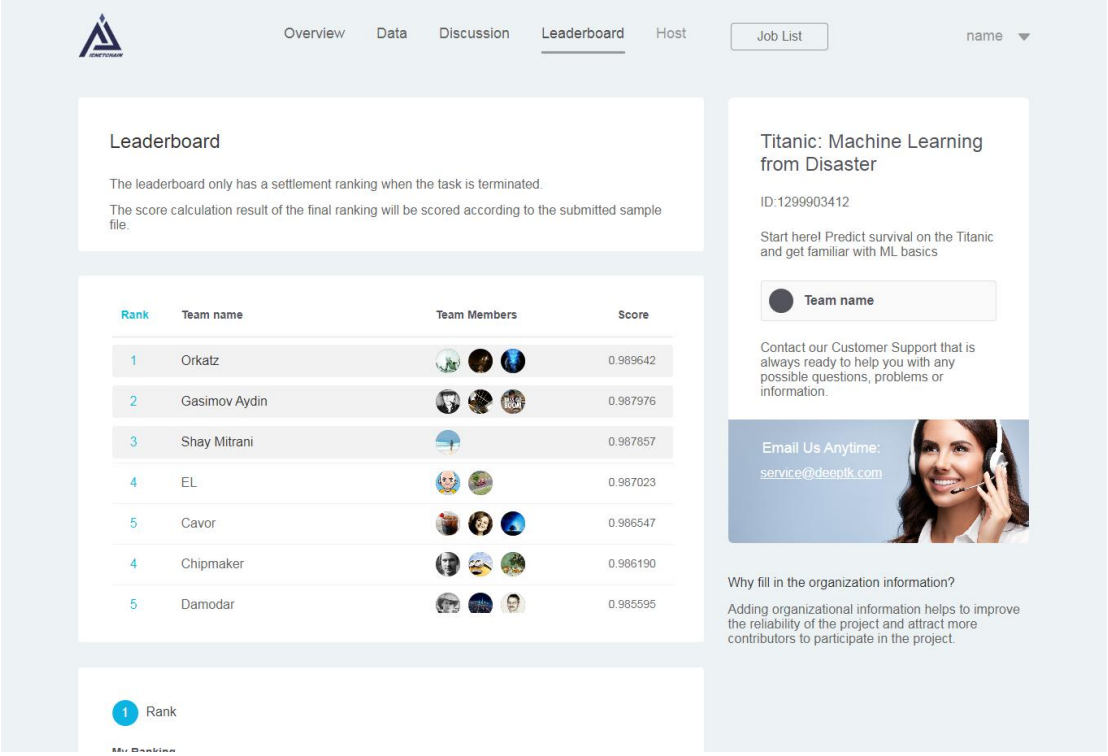


Figure 5.14 Project development interface

The platform supports internal collaboration and communication of the project team to facilitate collaboration with experts. The development progress of the project and the test scores of each contractor can be seen at a glance.

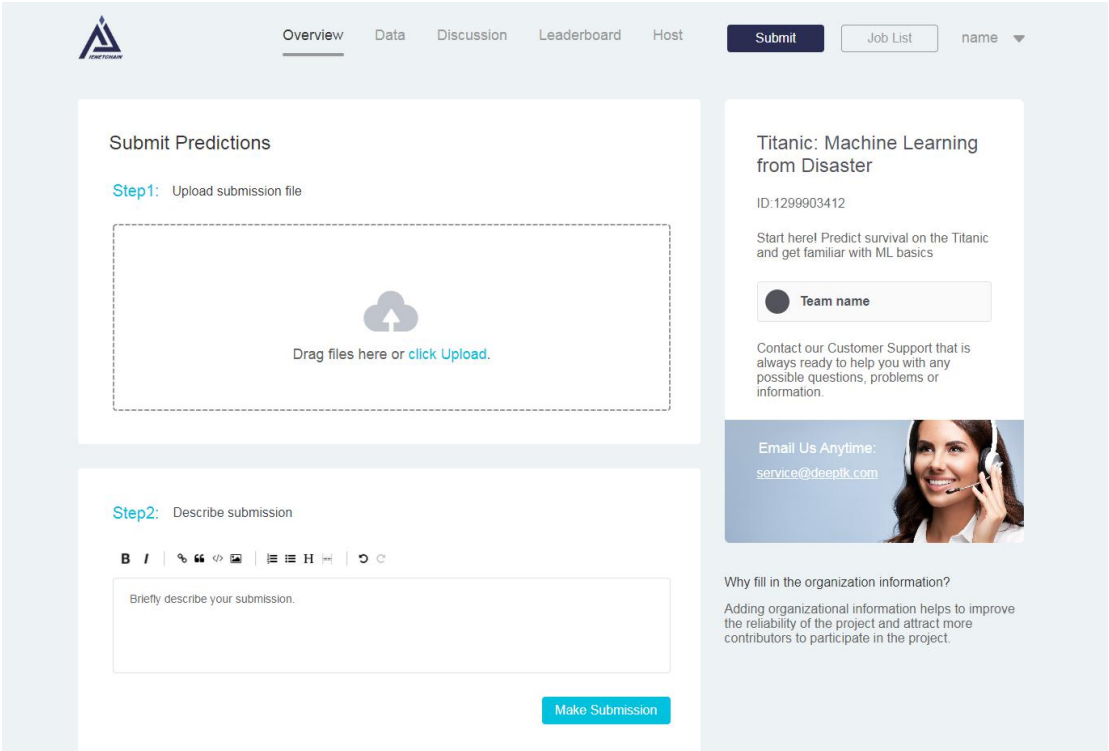


Figure 5.15 Demand publishing interface

After the AI model is developed, the contributor needs to submit the model file. The verification node will check and score the model, and the result of the scoring is hashed.

6 Governance structure

6.1 Management mechanism

AINET LIMITED is a company registered in the Cayman Islands. The company is committed to the development and construction of the IENETChain network, and advancement of transparent governance and open communities in connection with IENETChain. The governance structure of AINET LIMITED mainly considers the sustainability of the community, management effectiveness and the security of digital assets. The governance structure of AINET consists of a decision committee, an executive committee, and functional departments (the ecosystem committee, technical committee, management committee, and operations committee), as shown in Figure 6.1.

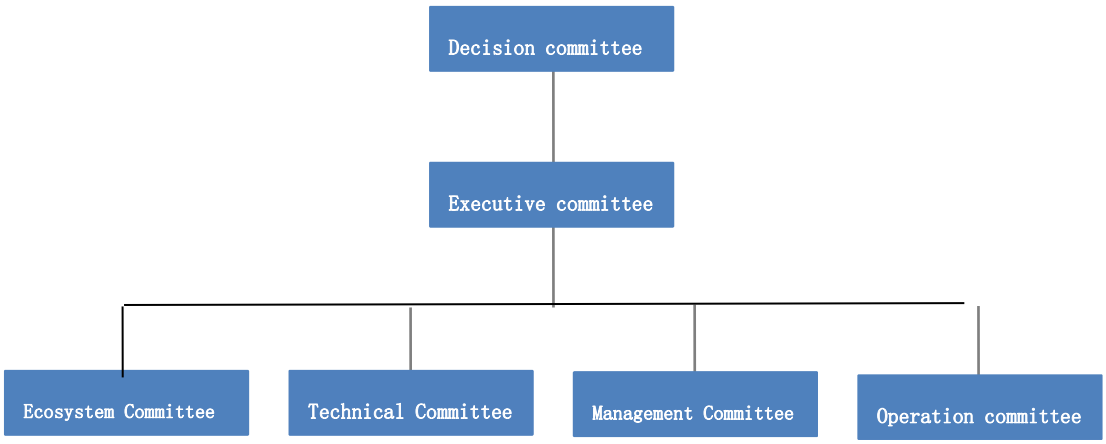


Figure 6.1 Governance structure

a) Decision committee

The decision committee is responsible for assigning and dismissing executive committees and functional committees, making important decisions and holding emergency meetings. The members of the decision committee and the chairman are appointed for a term of three years. In the early stages, the decision board was composed of AINET LIMITED board members, core founding team members and early supporters of the IENETChain project. When the term of the decision committee expires, the existing members of the committee should provide a list of potential candidates and vote for the next core member.

Each member of the decision committee has one vote, and the chairman of the foundation has two votes. The committee should get more than half of the decision-making members approved before making a decision. The following decisions shall be put to the vote:

1. Modify the basic governance structure;

2. Assign and dismiss the person in charge in the executive committee or functional committee;

3. Make major decisions for technology road maps, business models and marketing strategies;

4. The appointment and dismissal of members of the decision committee during their term of office who is in violation of their duties and laws

5. Emergency situations, such as events affecting the entire community,

software security, IENET Chain system upgrades, etc.;

In addition, the Chairman of the Executive Committee shall convene a decision committee to hold an interim meeting within 15 working days if any of the following issues arise:

1. When the Chairman of the Foundation considers it necessary;

2. When more than one-third of the members of the decision committee participate together and propose;

3. When the Executive Committee of the Executive Committee proposes;

4. Members of the committee should attend the corresponding meeting themselves. If they are unable to attend in person, they may authorize another committee member to act as their representative in writing;

5. If there is no entrusted representative, it is deemed to have given up voting rights at the meeting.

b) Executive committee

Executive Committee members are appointed by the decision committee. The executive committee is responsible for day-to-day operations and project management. The Executive Committee has a Chief Executive Officer (CEO) who is responsible for the decision making committee. Executive Committee members are mainly composed of other committee members

The CEO of the Executive Committee assumes the following responsibilities:

1. Responsible for the daily operation and decision-making of the decision committee;

2. Formulate a basic management system;

3. Decide to transfer or dismiss members of the Executive Committee or other senior management personnel;

5. Handling open source code and capital usage issues.

c) Functional committee

Ecosystem Committee: The IENET Chain Ecosystems Committee is responsible for screening appropriate use cases and designing solutions accordingly. At the same time, the Ecosystem Commission will build ecosystems through foundation investment and incubation projects.

Technical Committee: The Technical Committee consists of the core developers of IENET Chain and is responsible for the development of the IENET network. In addition, IENET Chain developers also hold weekly meetings to track project progress. Technical committee members should work with the community to communicate with technology enthusiasts and hold regular technical meetings.

Management Committee: The Management Committee is responsible for foundation personnel management, payroll and other administrative issues. The Foundation will recruit full-time management and technical staff, as well as other functions such as finance, legal affairs and taxation will be outsourced. All

transfer and dismissal decisions require approval from the relevant functional committee.

Operations Committee: The Operations Committee is responsible for promoting the technology and applications of IENET Chain. If there are any incidents affecting the reputation of the Foundation, the Operations Committee will respond to the public assessment based on a unified assessment.

6.2 Financial Management

IENET's financial planning is based on actual operating conditions. The decision board and the executive committee will oversee the annual and monthly budget preparation work. The management committee is responsible for the preparation and implementation of the timetable.

Digital asset management

The digital assets held by the IENET Foundation are managed by authorized personnel. The security and accuracy of your assets can be ensured through multi-signature requirements. The management committee should record daily transactions.

7 Development plan

2019 Q1-Q2

- AI Data Annotations Crowd-sourcing platform launching ;
- Complete token issuance and exchange listing
- AINET LIMITED Provide industry customers with applications in the field of AI images.

2019 Q3-Q4

- Publish an APP wallet ;
- Publish AI data annotation APP ;
- AI model Crowdsourcing platform launching ;
- Data annotation business landing ;

2020 Q1-Q2

- Expand overseas markets ;

AINET LIMITED has its own technical advantages in the fields of voice interaction, text processing, computer vision and in-depth learning, and has landing scenes and products in many industries.

8 Disclaimer and Risks

You acknowledge and agree that there are numerous risks associated with purchasing IECT, holding IECT, and using IECT for participation in IENETChain. In the worst scenario, this could lead to the loss of all or part of the IECT which had been purchased. IF YOU DECIDE TO PURCHASE IECT, YOU EXPRESSLY ACKNOWLEDGE, ACCEPT AND ASSUME THE FOLLOWING RISKS:

1. Uncertain Regulations and Enforcement Actions

The regulatory status of IECT and distributed ledger technology is unclear or unsettled in many jurisdictions. The regulation of virtual currencies has become a primary target of regulation in all major countries in the world. It is impossible to predict how, when or whether regulatory agencies may apply existing regulations or create new regulations with respect to such technology and its applications, including IECT and/or IENETChain. Regulatory actions could negatively impact IECT and/or IENETChain in various ways. The Foundation, the Distributor (or its affiliates) may cease operations in a jurisdiction in the event that regulatory actions, or changes to law or regulation, make it illegal to operate in such jurisdiction, or commercially undesirable to obtain the necessary regulatory approval(s) to operate in such jurisdiction.

After consulting with a wide range of legal advisors and continuous analysis of the development and legal structure of virtual currencies, a cautious approach will be applied towards the sale of IECT. Therefore, for the token sale, the sale strategy may be constantly adjusted in order to avoid relevant legal risks as much as possible. For the token sale, the Foundation and the Distributor are working with Tzedek Law LLC, a boutique corporate law firm in Singapore with a good reputation in the blockchain space.

2. Inadequate disclosure of information

As at the date hereof, IENETChain is still under development and its design concepts, consensus mechanisms, algorithms, codes, and other technical details and parameters may be constantly and frequently updated and changed. Although this white paper contains the most current information relating to IENETChain, it is not absolutely complete and may still be adjusted and updated by the IENETChain team from time to time. The IENETChain team has no ability and obligation to keep holders of IECT informed of every detail (including development progress and expected milestones) regarding the project to develop IENETChain, hence insufficient information disclosure is inevitable and reasonable.

3. Competitors

Various types of decentralised applications and networks are emerging at a

rapid rate, and the industry is increasingly competitive. It is possible that alternative networks could be established that utilise the same or similar code and protocol underlying IECT and/or IENETChain and attempt to re-create similar facilities. IENETChain may be required to compete with these alternative networks, which could negatively impact IECT and/or IENETChain.

4. Loss of Talent

The development of IENETChain greatly depends on the continued co-operation of the existing technical team and expert consultants, who are highly knowledgeable and experienced in their respective sectors. The loss of any member may adversely affect IENETChain or its future development. Further, stability and cohesion within the team is critical to the overall development of IENETChain. There is the possibility that conflict within the team and/or departure of core personnel may occur, resulting in negative influence on the project in the future.

5. Failure to develop

There is the risk that the development of IENETChain will not be executed or implemented as planned, for a variety of reasons, including without limitation the event of a decline in the prices of any digital asset, virtual currency or IECT, unforeseen technical difficulties, and shortage of development funds for activities.

6. Security weaknesses

Hackers or other malicious groups or organisations may attempt to interfere with IECT and/or IENETChain in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing and spoofing. Furthermore, there is a risk that a third party or a member of the Foundation, the Distributor or its affiliates may intentionally or unintentionally introduce weaknesses into the core infrastructure of IECT and/or IENETChain, which could negatively affect IECT and/or IENETChain. Further, the future of cryptography and security innovations are highly unpredictable and advances in cryptography, or technical advances (including without limitation development of quantum computing), could present unknown risks to IECT and/or IENETChain by rendering ineffective the cryptographic consensus mechanism that underpins that blockchain protocol.

7. Other risks

In addition, the potential risks briefly mentioned above are not exhaustive and there are other risks (as more particularly set out in the Terms and Conditions) associated with your purchase, holding and use of IECT, including those that the Foundation or the Distributor cannot anticipate. Such risks may further materialise as unanticipated variations or combinations of the

aforementioned risks. You should conduct full due diligence on the Foundation, the Distributor, its affiliates and the IENETChain team, as well as understand the overall framework, mission and vision for IENETChain prior to purchasing IECT.

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