TokenClub

Blockchain-based Cryptocurrency Investment Service community

WHITE PAPER

V1.0

CONTENT

ABSTRACT

Blockchain-based
Cryptocurrency Investment Service community

TokenClub, a blockchain-based cryptocurrency investment service community, provides investors with accurate cryptocurrency information, professional consultant service and practical investment instructions. It solves trust and incentive issues through blockchain technology, and meanwhile makes investors who have abundant professional experience, high investment level, and more contributions to community become outstanding. In addition, it makes sure that those people can achieve revenue which matches how much value they make, and facilities the community with healthy survival of the fittest ecosystem.

TokenClub mainly consists of Cryptocurrency market information, Q&A community and investment strategy system.

★ **1.** Cryptocurrency market information portal provides investors with comprehensive and timely information, including data analysis exhibition, information aggregation and project progress.

★ **2.** Q & A community provides investors with interactive platform through token incentive mechanism: on the one hand, novice investors can consult professional investors to get proper answers for their questions as well as invest instructions; on the other hand, experienced investors will achieve token awards by answering the questions and complete liquidation of their knowledge.

★ **3.** Investment strategy module provides investors with integrated

cryptocurrency trading & investment platform, in which investors can trade cryptocurrencies in different exchanges; in addition, all users can create their own investment portfolio strategy and publish in the community for others' reference; other users can avoid risks and make achievements by referring to or follow the published strategies. The strategy makers will achieve shared profits with tokens.

1. BACKGROUND

1.1 Industry background

Blockchain technology gradually moves to public from niche under the development of cryptocurrency headed by bitcoin. The price of Bitcoin increased up to 16,000 USD from the lowest point at 760USD, which means the amount of increase is 21 times. What's more, value increase of tokens based on blockchain is often several times, or even more than ten times, which makes cryptocurrency investment become the best choice of investment field.

Blockchain builds up a brand new digital world depending on its characteristic of decentralization and unchangeability. As an ordinary person, to grasp this opportunity and participate in blockchain investment, the first thing we should do is to learn know-how and pass through the cognitive threshold. If we invest blindly, it could be highly risky. Currently within the overall industry, there is no professional and systemic investment strategy and consultant channel.

Therefore, most of the blockchain investors can only grope and study by themselves. The reasons are mainly because firstly blockchain development is still at early stage, and the overall industry system and supply chain are not completed yet. Secondly, blockchain has higher temporal density, so the top-level industry elites don't want to spend expensive time cost to implement education and dissemination of basic blockchain knowledge. There is a lack of value transfer system to the whole blockchain industry which can convert the education cost from "Big V" class to their fans to blockchain asset income directly.

1.2 Demands and pain points for novice investors

a. Achieve real and reliable project information and content

Let's assume this kind of scenario: one novice investor joins blockchain investment field with the dream that he can sit and wait for doubling his money by anyway buying in one kind of cryptocurrency. However, once he signs in the exchange, thousands of cryptocurrencies make him feel dazzled and he has no idea what to do. While the novice investor just musters up his courage to buy in Bitcoin, the news comes up that Ethereum increased a lot. When the novice investor tries to find out relevant materials but it is very hard to distinguish between true and false, good or bad. One the one hand, centralized mediums would like to publish selected information because of the profit-driven factors, which will influence the objectiveness and fairness and easily bring cheat to the trading. On the other hand, because of the

international characteristic, it becomes even harder for novice investors to get information about overseas projects. Thus, finding out a professional, accurate, comprehensive and fair information portal turns out to be the rigid demand for novice investors.

b. Questions get answered and gain investment knowledge

Current interlocution community has very poor professionality and experience. If you search Bitcoin directly on Zhihu.com, there will be over 5000 questions and almost 70,000 followers, but if you search Bitcoin cash, there are only 15 questions and 100 followers. What's worse, if you search recent trend analysis of SNT, and when the main chain of ardor will be online, there is no answer. The APP "knowledge planet" (xiao miquan) has already some experience about blockchain, but due to the bad interlocution experience, users often complain about that. For example, users have no idea whether their questions have been asked by some other users, which causes a lot of simple and repeat questions. And the "Big V" (famous investors) has no choice but to answer the questions because of the restricted top stick service and it buries all the high-quality questions. Therefore, a timely, interactive and superior question highlighted interlocution community must be rigid demand for novice investor.

c. Follow the invest experts

In cryptocurrency investment field, it could be very easy to lose money if you don't have deep understanding of the cryptocurrency market because the coin price is like "roller coaster", and it is common to fluctuate more than 20% within one day. Therefore, the demand comes out for many users that they follow the selected investment expert or directly entrust them to trade.

1.3 Demand and pain points for professional investors

a. To be found and recognized

Many community members would like to show their value by sharing investment experience, and a lot of contents themselves are very brilliant and professional. However, within current centralized investment community platform, due to the lack of effective incentive system, data flow will eventually goes to the minority of famous "Big V"s when the platform is at later stage, so the new join members feel it very difficult to show themselves.

b. Build up influence and achieve awards

Profits will be the right way to motivate a knowledge provider for long term service. If the "Big V" (famous investors) are not able to make profits in the platform, certainly they have no intention to output the content. Currently, due to the lack of direct financial incentive for "Big V"s in lots of knowledge share Internet community, it causes that good quality customers and contents disappear gradually, but on the other hand, advertisement providers know how to make profits out of the platform, so they have great motivation to publish advertisements on the platform and lead the dataflow. Finally, the consequence is there will be a flood of advertising in the platform, a great loss of high quality users and contents, and the platform is losing its value.

c. Develop financing channel

As a "big V" of investment, everybody wants to take control of more and more funding, get higher and higher profits, but it needs long term trust accumulation. On conventional investing platform, users can't tell the investing level between the "Big V" s, and after over packaging they become the drummer for funding product and private equality. On the other hand, the investors who have real knowledge suffer from that they are not found by others, which causes the funds cannot be revitalized and quantity is hard to increase.

1.4 Current situation and pain points for investment community

There are mostly three kinds of modes for blockchain online community: 1. Websites focus on market information, and users just go through all of them. It is difficult for the websites to convert most of the dataflow to value, so there is no choice but to publish advertisements from 3rd party to make profits, which will absolutely give users some bad feelings when browsing the website. Therefore, it is also very difficult to get close-loop ecosystem under this structure. 2. Forums like Bitcointalk, 8btc. The main problem is high-quality information is easy to be buried, instead, the advertisements and rumors are spread out because of profits. 3. Community built up based on social network software, like wechat, telegram, etc. In there, it is very difficult to store all the brilliant ideas because when people are answering question, there is no way to present them in terms of paperwork or because there is no incentive

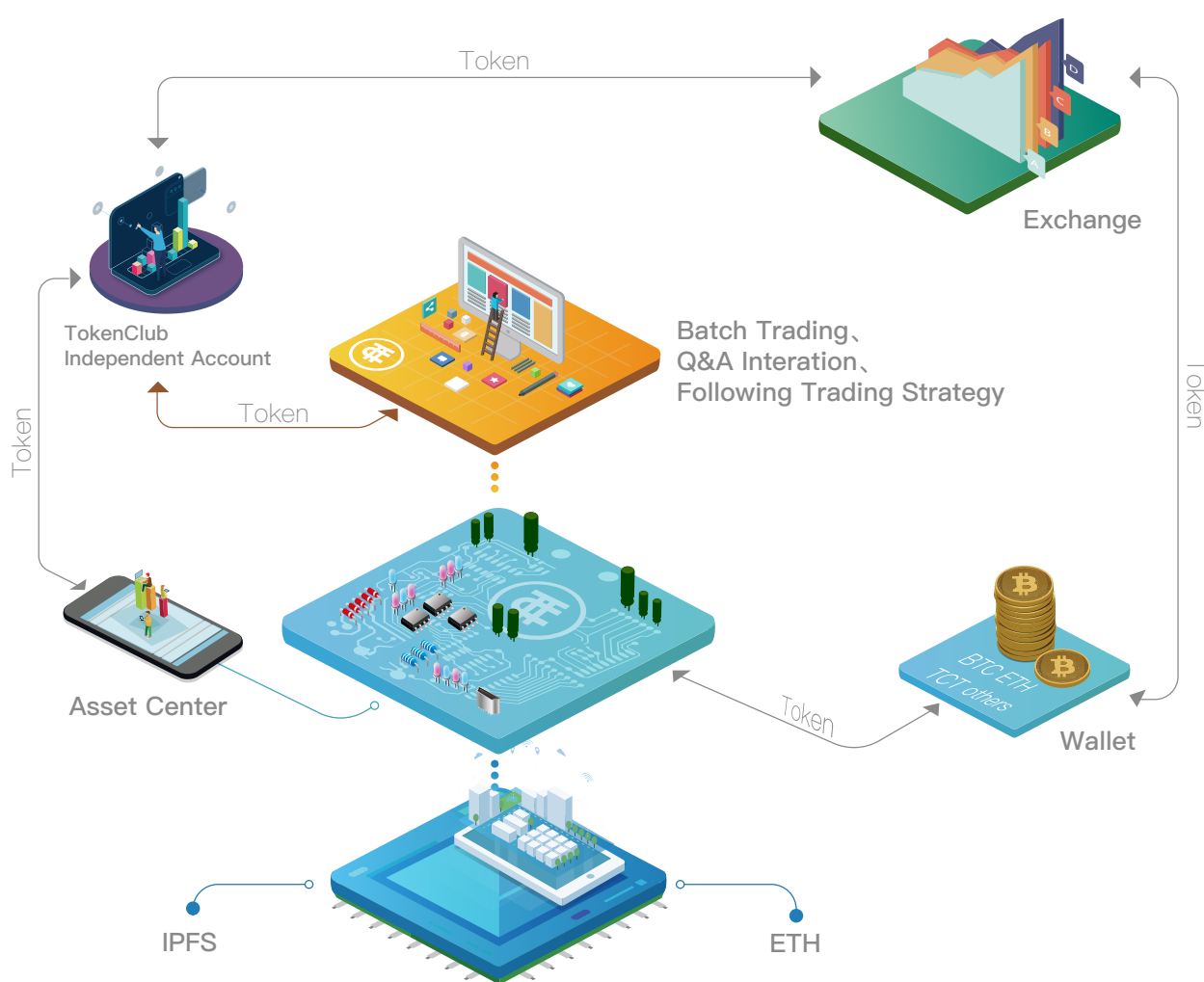mechanism for the participants when giving out all the information.

Conventional interlocution and investment service communities like zhihu, xueqiu, etc. work as information & value service provider in Internet 2.0 era. They play very important roles in online education, information transmission and invest consultant and also lead the new economic trend between "Big V"s and their fans. However, all the "Big V"s and fans contribute to the community together, but they don't enjoy the benefits with development of the platform, if things go on like this, excellent content creators would not have enough motivations to move on. Between, current system is unbeneficial to the fans, because the "Big V"s can anyhow publish some irresponsible information, employ online ghostwriters, or even cheat money from their fans. But it is very hard for the fans to distinguish because of unsymmetrical information, inhomogeneous resources and so on. In terms of the investment consultant services, they only disseminate very basic blockchain and cryptocurrency knowledge which is far away from practical trade and investment to make profits. So, invest consultant services are rigid demand for most of the investors. It is perfect choice to follow some professional investors with the best performance.

1.5 Mission & vision of TokenClub

Blockchain industry is still on the way to be perfect, we hope TokenClub could provide accurate information, professional invest consultant and practical investment solutions which cover the overall blockchain supply chain for all kinds of users and partners. All the investors can grow up in TokenClub platform and achieve profits with blockchain development.

Blockchain technology makes everything possible. TokenClub, a decentralized investment community which is consist of blockchain investors will combine the industry interlocution mode from zhihu, professional consultant service from xueqiu and bridge link mode from securities trader to form an integrated community with blockchain & cryptocurrency investment service. It will connect ordinary and professional investors and makes sure that the experts could lead novice investors to grow up, dig out potential investment projects and enjoy the benefits from blockchain development. Through incentive system with tokens, the excellent community members will stand out and achieve relevant rewards per their efforts. In this case, there is no living space for the irresponsible members so that our community can have healthy value ecosystem.

2. SOLUTION

Token

Exchange

TokenClub
Independent Account

Token

Batch Trading、
Q&A Interation、
Following Trading Strategy

Token

Token

Asset Center

Token

BTC ETH
TCT others

Wallet

IPFS

ETH

2.1 What is TokenClub

TokenClub is a blockchain based cryptocurrency investment service community, and it makes blockchain investors could easily and conveniently gain comprehensive invest information including cryptocurrency market information, fundamental & technical analysis, invest consultant, trading, strategy following, and some other kinds of turn-key solutions. TokenClub provides win-win solution for inexperienced and professional investors: experienced investors can have more fans and extra income, while novice investors will get experience, refer to the trading strategies and analyze IOR (invest on return) performance of different professional investors and make the right decision to achieve profits.
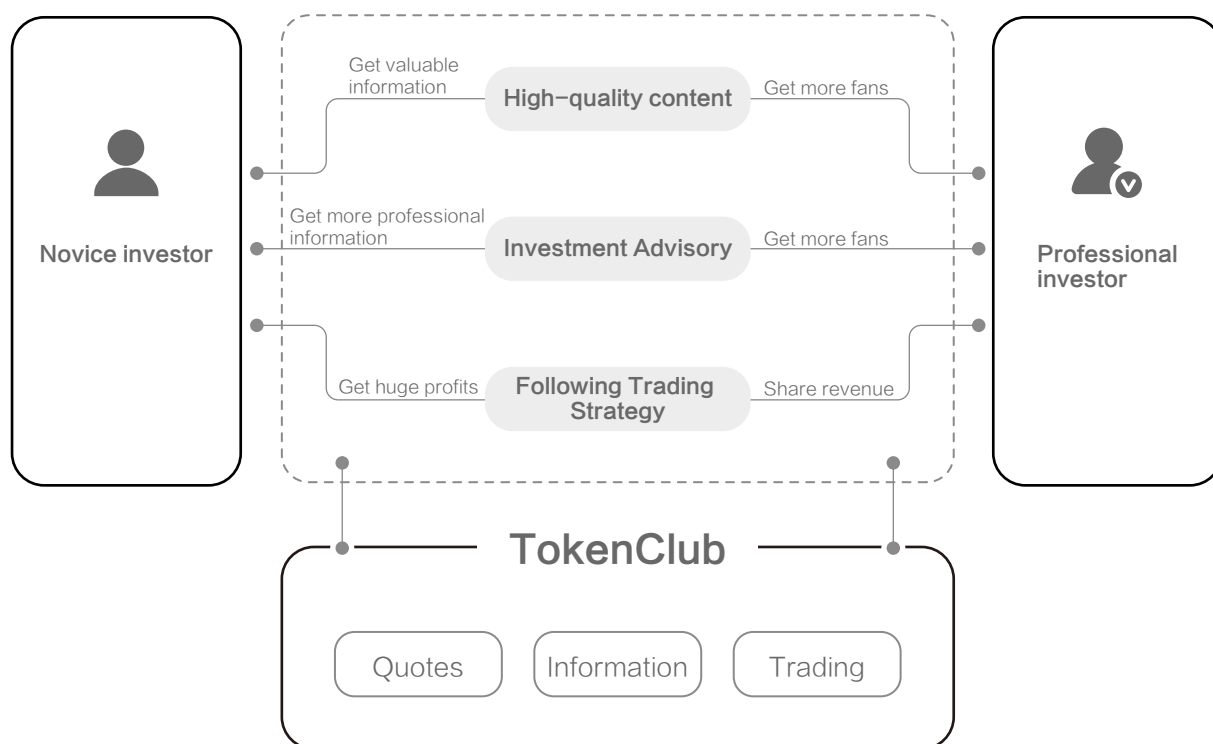
The design of TokenClub refers to the excellent operation experience from either blockchain or non-blockchain communities of all kinds of internet securities traders, investment community, interlocution community, like xueqiu, zhihu, StackOverflow, Steem, etc. In addition, TokenClub sets up three modules including cryptocurrency market information, interluction community, trade strategy per the actual requirement from investors. Encourage investors to find out high-quality contents by motivating them with TokenClub token (TCT) and liquidate all the high-value contents to facilitate value transmission and upgrade. TokenClub system motivates professional investors to help the inexperienced to grow up quickly, actively guides the professional investors to share investment strategy, and supplies leading service for ordinary investors via suitable TCT token incentive system.

TokenClub will dig out the most trustful "Big V" investors according to system algorithm, and prevent them from doing evil. Every community member who

make contributions has the equal chance to stand out, at the same time, whoever finds those people will also achieve token income to facilitate virtuous interactions and development. Tokenclub also has the one key follow service, in which users could spend tokens to follow investment strategy from the "Big V" famous investors, and system would automatically connect with different main exchanges and make the deal. But the "Big V" investors can only trade with the user's account but have no control on their assessment because of the specific sub account system. When system completes the investment strategy, part of the profits is automatically used to buy back TCT tokens for commission of "Big V" investors and platform. TCT token incentive system solves mutual trust issues within investment service community to form a natural increasing, survival of the fittest and healthy ecosystem.

2.2 What consists of TokenClub

TokenClub includes cryptocurrency market information aggregation and trading availability in different main exchanges via API. Meanwhile inexperienced investors can interact with professional investors in the interlocution community and refer to or follow their investment strategy.

Novice investor

Get valuable information → High-quality content → Get more fans

Get more professional information → Investment Advisory → Get more fans

Get huge profits → Following Trading Strategy → Share revenue

Professional investor

TokenClub

Quotes Information Trading

2.2.1 Market analysis and Information aggregation

TokenClub provides all the cryptocurrency market information, trend chart and fundementaol information, including token project deep analysis, value basis, category and relevant competitive coins. Also, it will supply comprehensive information about this project, like official site, latest update in the official community and news report in press & mediums, etc. In addition, TokenClub would also give users technical analysis tools, including abundant technical indexes, fund flow and data chart to give warnings for any unusual action so that users can set early warnings for target profit and stop loss. Users are also allowed to trade in different exchanges by API.

This is basic function for TokenClub, the target is to help investors understand better about token information in terms of fundamental, technical and informative aspects to grasp the buy & sell timing. If we look at the specific function, the main page of one token includes questions & answers, analysis and opinions from the "Big V" experienced investors. Users also can talk about the tokens in the discussion area. Meanwhile, TokenClub will invite the project team to join to make deep discussion between project team and investors. Finally, there will one community for one project accordingly to facilitate blockchain project community and increase participation.
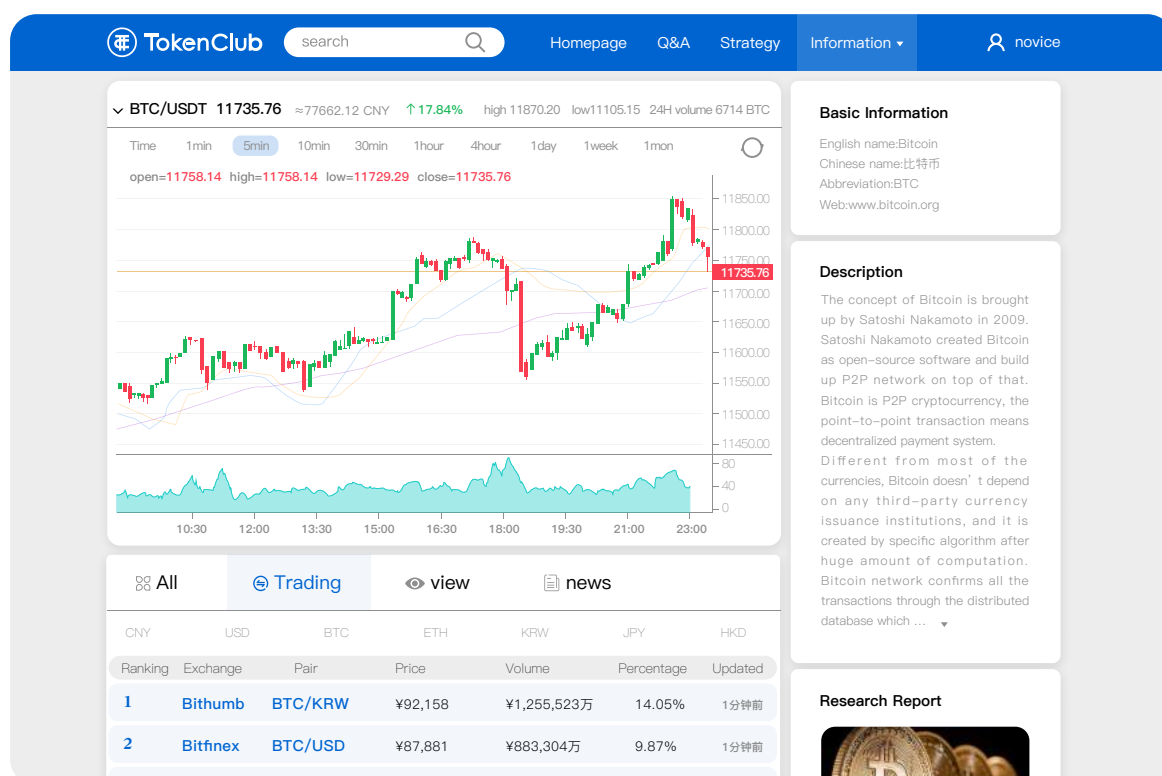
2.2.2 Motivate users to ask valuable questions
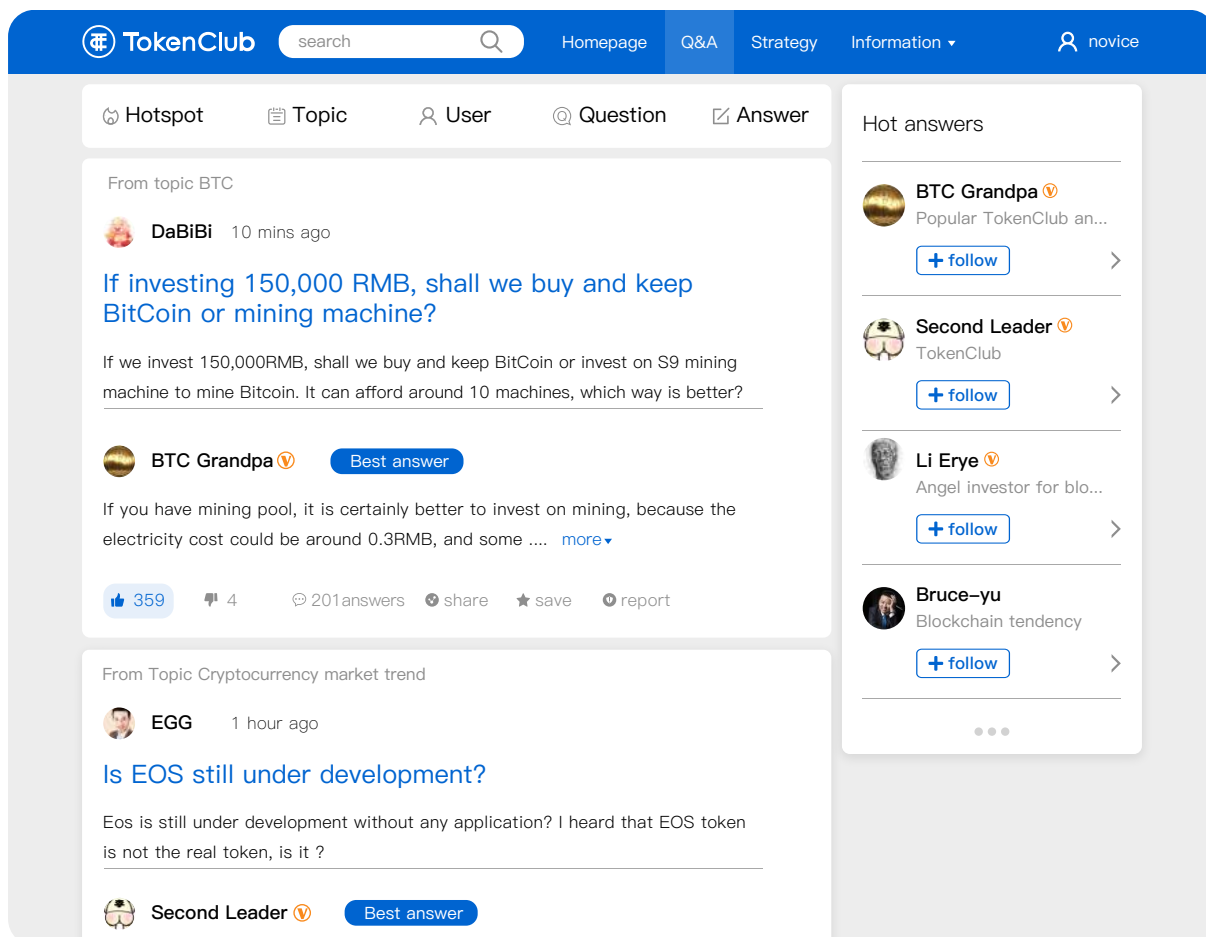
TokenClub provides interactive opportunity for novice and professional investors, users can ask and answer questions and come up with their own opinions. All users can search questions in categories and like or dislike. The system encourages users to ask high-quality questions and publish valuable answers. And through the token incentive system, the users who make more contributions will get token awards, on the other hand, there will be no room for bad questions. The detailed incentive system includes aspects as following:

1) Motivate users to ask valuable questions

Asking questions is not an easy job, a good question will let people feel empathized and have great amount of attention and valuable answers. However, bad questions would let people feel upset and bring trouble to the community and nobody would like to answer. A lot of novice investor don't know how to ask proper questions, and there is large amount of marketing people to promote their products through some purposeful questions and answers. To avoid rubbish questions, it will cost some TCT tokens if you want to ask questions. If your questions are liked, followed or answered, you will get TCT token awards accordingly, but if your questions are disliked, you will also lose some tokens. This mechanism forces users to ask high-quality questions because bad questions would cause token loss, but good questions would earn tokens.

2) Motivate users to publish valuable answers

TokenClub community encourages users to answer questions, but also hopes that they can give valuable answers, not rubbish information. Therefore, when users answer any question, they will get some number of tokens as award. But

if the answer is liked, they will get more tokens; but if the answer is disliked, they will lose some tokens. In terms of a simple question, the more tokens you will get if the answer is earlier. In this case, it can only motivate user to answer questions carefully, but also put high priority to answer unsolved questions.

3) Motivate moderators to give proper comments on questions and answers

One question could be liked or disliked, and it will cause earning or loss of tokens So, community members should be objective and take responsibility of their like or dislike. To avoid malicious behaviors, we design a system to make sure users give objective comments. When users like or dislike one question or answer, if later more people follow the same (like or dislike), the more awards this user will get. Therefore, the earlier you answer, the more awards you will achieve. The later you follow the same option with prior users, the less awards you can get. This kind of incentive system can help to find out high-quality and rubbish information as early as possible and have objective comments. In this way, it is also easier to find out high-quality contents and rubbish information and the contents which already have large number of followers will have less attraction for dataflow. It will also reduce the head effect and Matthew effect of social networks and users would like more to dig out new high-quality contents. Combined with certain sequence, it will make the interlocution community more healthy and active.

2.2.3 Leading and following of investment strategy

a.Record and publish of investment strategy

Investors could create their own portfolios, publish investment strategy and track your investment record, including blockchain project investment in primary market, investment portfolio in secondary market, etc. to replay the market and manage the KPIs so that they can decide whether to publish their strategy. The community will make the ranking for all the strategies per different periods to get more attractions and followings.

| Strategy publisher	Hot	ROI(year)	Maxi DD		
Bruce.yu long term 👍 97 👎 11	695	128.69%	−12.00%		+ follow / ≡ more
Johnson Short to medium term 👍 12 👎 0	19	86.16%	−6.52%		+ follow / ≡ more
liuyun invest in batches 👍 53 👎 18	462	91.07%	−9.33%		+ follow / ≡ more
Murphy Steady rise 👍 239 👎 41	1368	114.16%	−6.36%		+ follow / ≡ more
Sophie .... 👍 16 👎 1	15	37.29%	−2.50%		+ follow / ≡ more

b.Check strategy

When professional investors have published their strategies, all the users will have access to the documents. Meanwhile, users' data is stored in the IPFS point-to-point system and recorded permanently in blockchain via hash data. Therefore, no data or information can be changed, which means there will be no fake investment strategy, analysis and so on. Also, publishers can ask for tokens to access their strategies and other users may follow depending on the investment return.

c. One-touch strategy follow

After spending tokens to check the strategy, users either can trade by themselves or choose one-touch strategy follow option to let the publisher handle all the investment. The strategy publisher can only control the strategy and arrange investment portfolio, but has no access to the follower's assessments according to our self-developed division system. Novice investors can go through all the strategies from professional investors, and subscribe to trading strategies if they like. TokenClub will copy all the trading records directly to TokenClub segregated account to guarantee safety and convenience for funding management. Each investor can track different investment strategies to split their investments. The strategy publisher will never know the funding amount, but only the number of investors because of safety issues. And the publishers can get commission out of the total profits.

3. SYSTEM LOGIC

3.1 Overall system framework
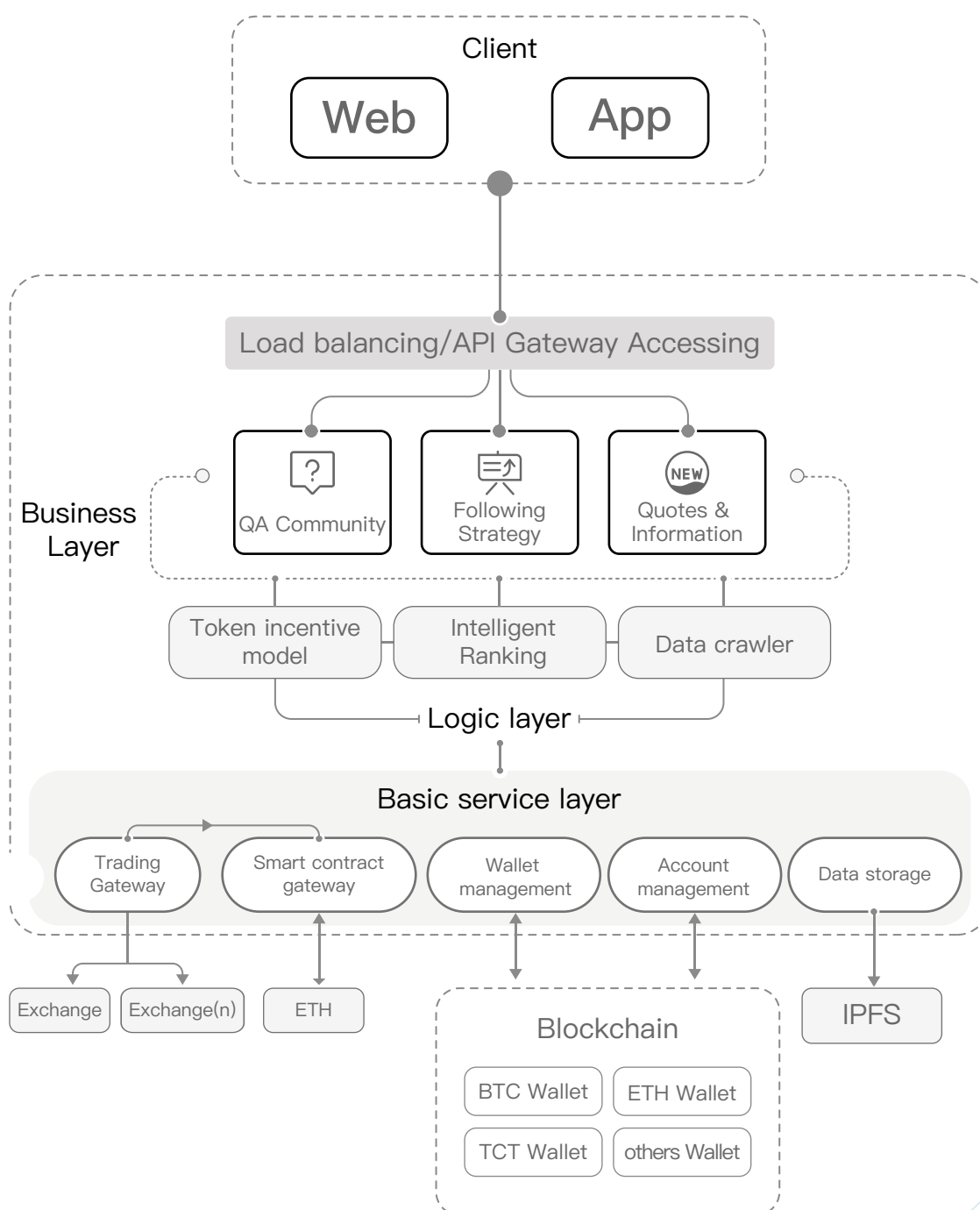
The overall system framework applies microservices and SOA structure, in which the basic modules are user account, user wallet management, IPFS gateway, smart contract gateway and so on. Business logic layer consists of web crawler, smart contract algorithm and token incentive mode. The upper layer has leading and following investment, cryptocurrency market information, community interaction, special column for famous investors, etc.

TokenClub links to public chains like BTC and ETH, and provides multi-wallet service. It will also develop smart contract based on Ethereum, and protect user investment data, funding and user info from being changed with smart contract/ blockchain/IPFS/ system. TokenClub connects to multi exchanges with one-touch account management function. Users can trade cryptocurrencies in different exchanges with only one account and go through market information as well as token piece sorting in all the exchanges. TokenClub stores investment records like interlocution information, investment history, investment strategy in IPFS document system and save hash data of all the relevant information & time stamp in the public blockchain to guarantee investment info and history is true, reliable and unchangeable.

TokenClub will give access to web, app and small program users. Key internal modules only allow access to internal business modules, and business layer, business logic layer, grid service layer, system management will communicate with restful connectors via internal message queue. Critical modules like TokenClub account, wallet can only be accessed through internal network after authorization, which increases system security. Meanwhile, all the API

information transmits through HTTPS encrypted channel, and it can increase the server safety level. The overall system will also provide safety monitor and audit, update blogs timely and have warning message for irregular situations, which guarantees the security of user funding and data.

3.2 interlocution incentive system

We define that the interlocution scenarios shall include several activities as following:

Come up with question (Q), answer question(A), vote for the question (V), dislike the question (D)

Users could have token award or penalty after they complete above four actions per equations below:

1) Come up with question

We define that the token amount users can get after publishing one question is TCT_Q , answers for the question is N_A , likes for the question is N_V, dislikes fro the question is N_D M<0.

Then tokens the user can achieve finally are as below:

$$TCT_Q = M_1 * \log \left(\frac{N_V + K_Q}{N_D + K_Q} \right) + M_2 * \log N_A + M_Q$$

According to this equation, only if after the questions have some answers or likes, there can be positive profits, and with the increase of likes and answers, the increase rate of token awards will get lower to avoid huge amount of rewards with single content. So, it will also avoid loss of large number of tokens. Assume the amount of answers are constant, the relationship diagram between achieved tokens based on one question and likes & dislikes is as below:
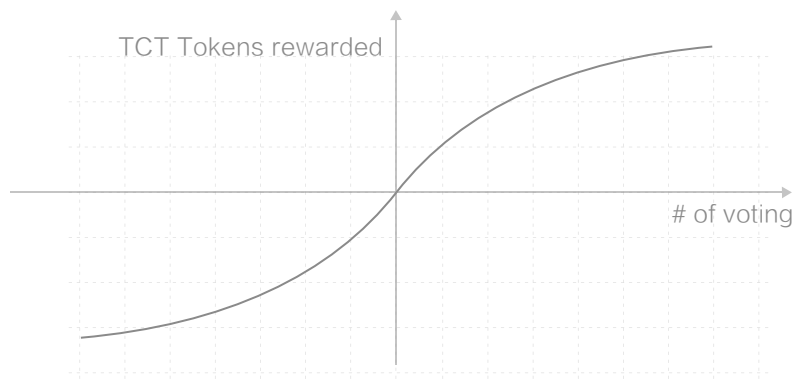
2) answer questions

We define that after each user answers one question, the number of tokens he can get is TCT_A, the number of likes is N_V, the number of dislikes is N_D.
Then the final number of tokens he can achieve is as below:

$$TCT_A = M * \log\left(\frac{N_V + K_A}{N_D + K_A}\right) + M_A$$

According to the formula above, it costs no token when users answer the question, but if the number of likes is more than the number of dislikes, he can get positive income, otherwise he will lose tokens. The same as before, while the amount of likes or dislikes increase, the rate will also be lower to avoid users lose too many tokens once. The relationship between achieved tokens and "likes" or "dislikes" amount is similar as the diagram above.

3) likes or dislikes

We define that the amount one user can get after voting for or liking one strategy is TCT_v, assume this users is the first to put "like", and totally there are n "likes".

$$TCT_v = \frac{M*\log(N+K_v)}{i} + M_v$$

Per the equation above, if the total amount of "likes" is constant, the earlier he puts "like", the more tokens he can get. The later, the less. The relationship between tokens and sequence of putting :likes" is as below:
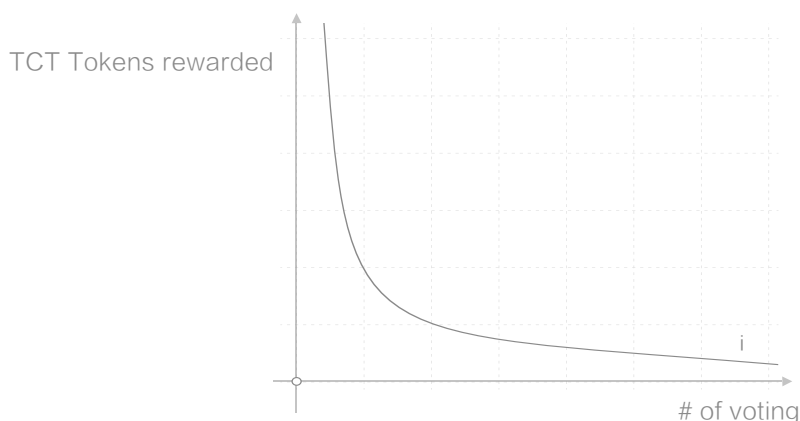
If the ordinal number is constant, if there are more "likes" later, he will have more tokens; if less "likes" later, then it will be less tokens, whose relationship is as below;
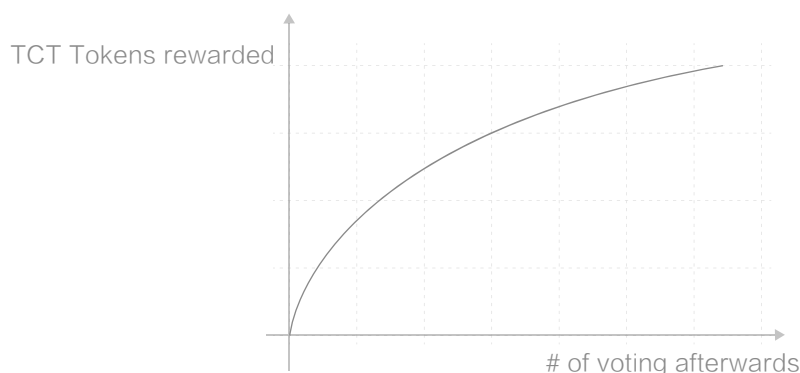
The philosophy of "Dislikes" is similar with "likes", but system will automatically descend the questions or answers with more "dislikes". Therefore, there would not be too many "dislikes" followers, and the motivation of putting "dislikes" is lower than putting "likes". At the same time, it avoids the situation that community doesn't encourage the strategy publishers well, so the overall system incentive factor is still positive.

In addition to interlocution, community also supports investors to publish contents, like investment opinion, market analysis and so on. The motivation structure is similar, the award tokens are based on "likes" and comments.

In the equation above, parameter "M" will also be changed along with the total tokens in the bonus pool.

3.3 Trading & investment strategy module

A. link to account systems in different exchanges
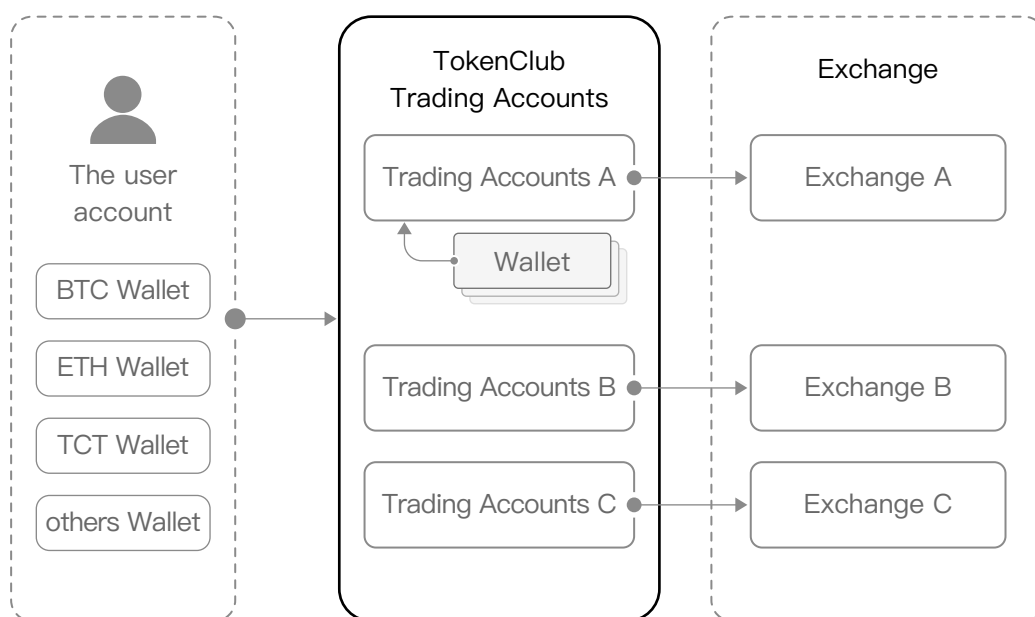
Note:

Users will have the only account in TokenClub, and this account relates to cryptocurrency addresses of main public blockchains like BTC, ETH, etc. It is quite convenient for users to manage different kinds of cryptocurrencies and display the total cryptocurrency vale and change. TokenClub connects several safe and efficient exchanges via API to realize that one user account can trade in different exchanges.

Trade process:

Users deposit cryptocurrencies like BTC, ETH, TCT to the relevant wallet address; when users send out trading instruction, they can trade cryptocurrencies in different exchanges via their API connectors and all the trades can be completed in the exchanges; cryptocurrencies then will be cashed out to user's wallet.

B. Investment strategy portfolio.

Investors can record their trading plan and history in the community to make it convenient for performance management and better investment planning. Excellent investors can choose to share their strategies in the community and relevant analysis for other's reference. TokenClub will make rankings in different periods in community and award TCT tokens to investors with good performance.

When experienced investors publish their strategy, all the users can have access, user's information and data will be kept in IPFS system and stored permanently in blockchain without allowing any changes. So, there shall be no worry about fake investment operation or instructions. Meanwhile, publishers also can give out their investment strategies which can only be accessed with tokens. The other users can make decision depending on history performance.

C. Follow strategy

While investors learn investment knowledge from community, they can also search performance of experienced traders and follow their strategy to make excess profits and strategy providers will get commission from the profit.

Every investor can select the most suitable investment strategy, and after confirmation, system will automatically synchronize the chosen strategy in user's accounts to realize the function that ordinary investors can follow strategies from professional investors.

D. Purpose of our tokens

TCT will be general tokens for all the investment strategies and trading module, investors must buy TCT tokens to follow investing the strategies. During trading process, investors shall pay some TCT tokens for processing fee. Part of the profits users achieve due to following strategies will be divided to strategy provider and TokenClub platform. The distribution percentage is per below: part of the profits (e.g. 20%) will be converted to TCT tokens and distribute to the strategy provider; another part of the profits (e.g. 10%) will be converted to TCT tokens and distribute to TokenClub funding pool for platform building up and buying back TCT tokens from secondary market; most of the profits (e,g. 70%) will be transacted to investor's account.

The demand of TCT tokens is related with trading value in TokenClub platform. If more users are in our platform, there will be higher demand for TCT tokens, which will facilitate token value. With platform development, larger and larger number of investors would join our community. Increasing users can automatically contribute to higher demand for TCT tokens, and TCT token price could increase progressively to bring huge value for early investors.
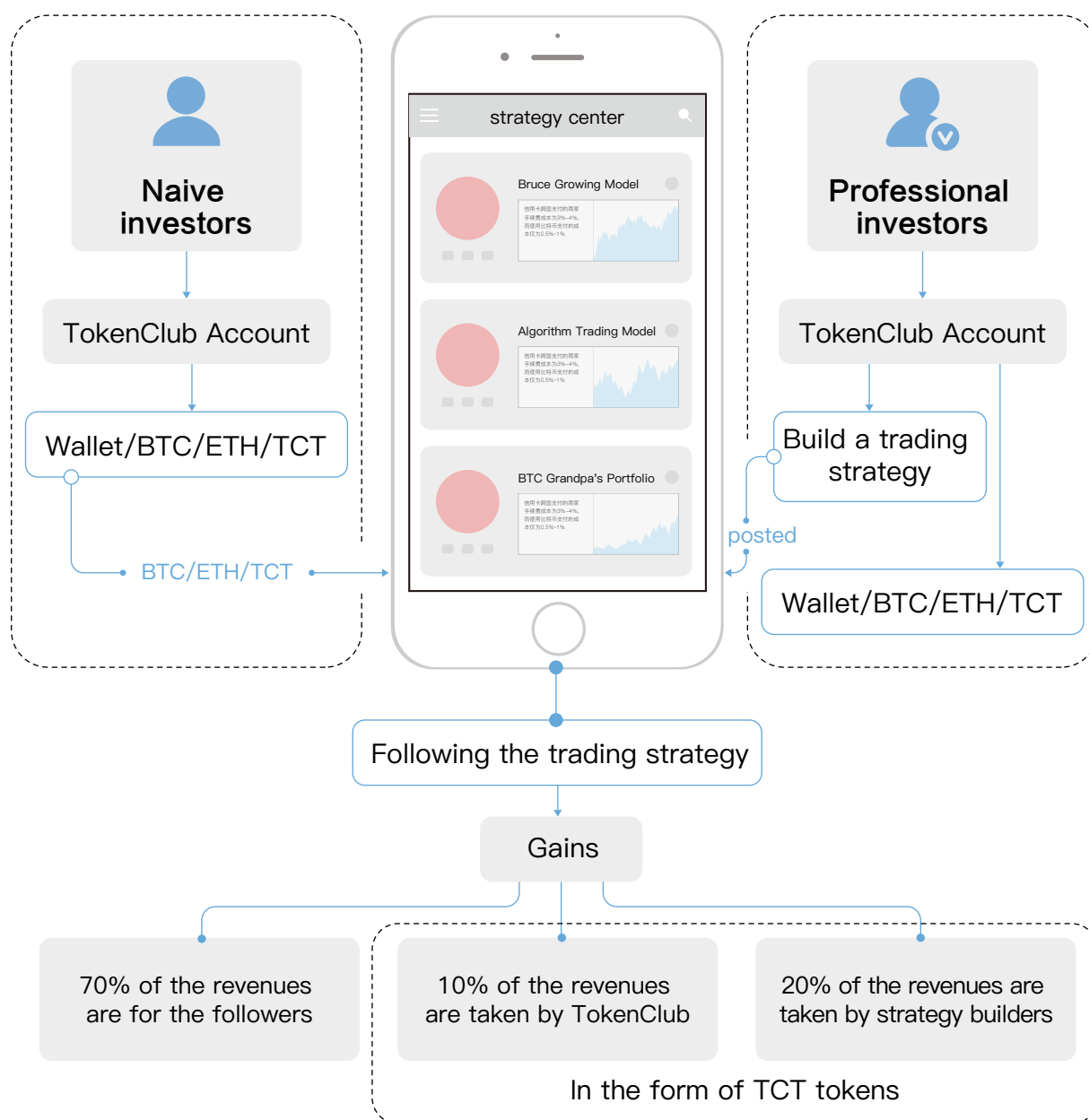
System Flow:

- Professional investors create an investment strategy and publish to TokenClub. On the first day, Tokenclub will track the performance and give ranking & rates in multi dimensions for all the investors.
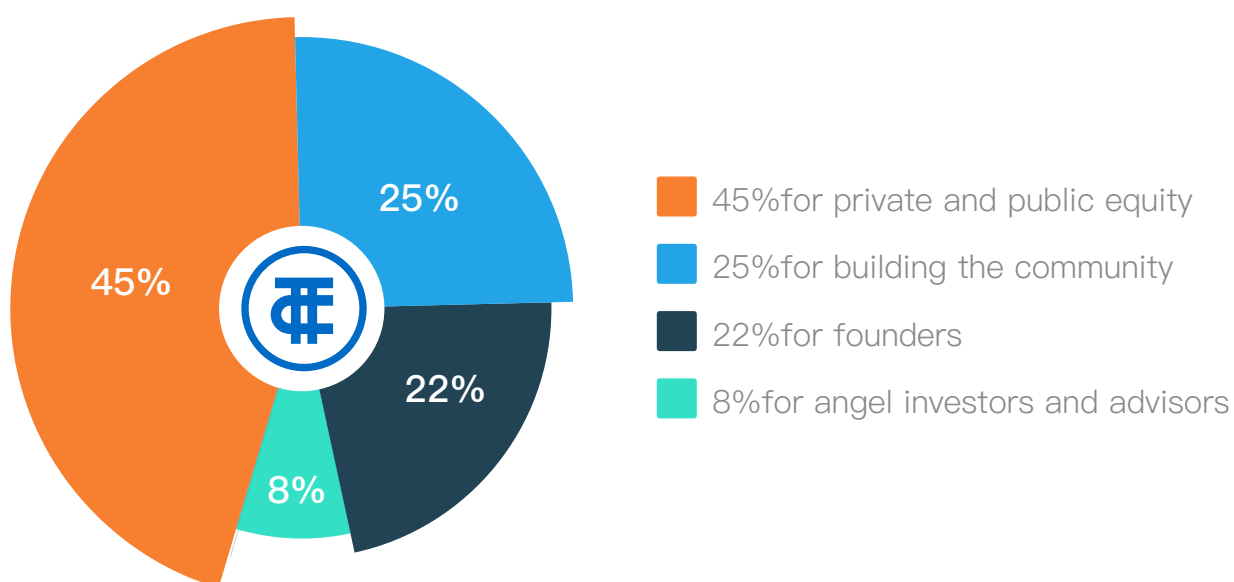
- Ordinary investors can select the most suitable strategies based on risk preference and other factors, then they can also set trading amount to follow.

- TokenClub tracks target accounts via exchange API connector and smart contract technology. So, ordinary investors could achieve excess profit by following professional investors.

4. ECOSYSTEM DEVELOPMENT AND TOKEN DISTRIBUTION

TCT (TokenClub Token) is ERC20 token based on Ethereum technology. TCT will work as important value transmission medium in TokenClub ecosystem, functional tokens in TokenClub platform and equity currency for foundation. And Foundation will give relevant interest to TCT token holders.

TCT can ultimately facilitate the value transmission of TokenClub platform through interlocution system, strategy following system, exchange trading system, which will develop TokenClub ecosystem. What's more, TokenClub platform may buy back TCT tokens if necessary and burn at most 50% of the

TCT tokens to make sure TokenClub tokens have virtuous cycle development. Total supply of TCT tokens is 1billion, 45% of the amount is for ICO, 8% is for angel investment and advisors, 25% is for community ecosystem, the rest 22% is for team members.

45% for private and public equity

25% for building the community

22% for founders

8% for angel investors and advisors

- 50%for product and research
- 30%for product operating and BD
- 10%for risk management
- 10%for others
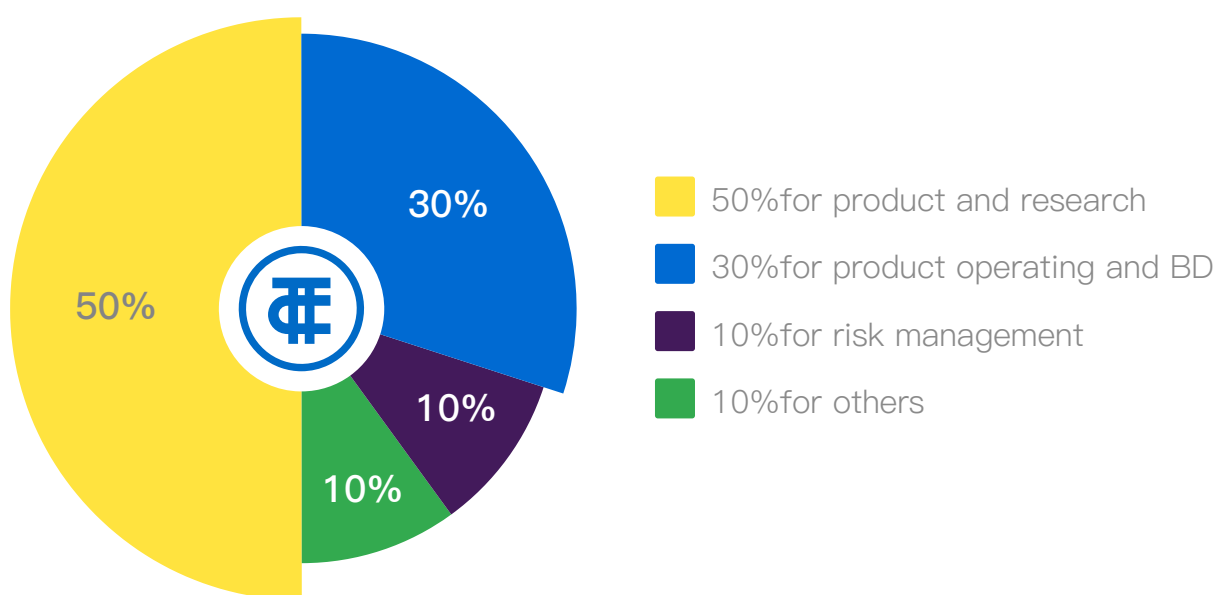
Hard cap: 22,500 ETH, exchange rate: 1ETH= 20,000 TCT

50% of funding will be used for product & technology development.

30% will be used for product marketing and business development

10% will be used for legal compliance and risk control

The rest 10% is for others.

5. TEAM INTRODUCTION

5.1 Project team

Tong Gao   CEO

PHD graduated from university of Michigan major in information system. Research on financial big data analysis and business intelligent system (BI). Lead team to develop business data interaction system based on natural language in Adobe research institute during PHD study. Publish series of papers in international top conferences, which are used by Google, IBM, Stanford and other top scientific research institutions. She had lots of entrepreneurial experience in USA, and then went back to China to start up new business, providing SaaS service for dozens of companies in financial securities field, including trading system, sub commission management system, intelligent investment consultant system, etc. and finally acquired by other company. She started cryptocurrency business in 2017.

Fei Li   Chief Scientist

PHD graduated from university of Michigan major in distributed system. Proficient in infrastructure design and development in distributed database system. Participate in IBM huge data integration system structure design and google advertisement recommendation structure optimization. Deep understanding on P2P network, distributed database, and so on. Best paper of VLDB international database top conference in 2015. In 2016, he achieved research highlight of SIGMOD Record international magazine. Publish around 20 papers in international top conferences and magazines.

Taiyun Su   CTO

Former CTO in P2P Internet financial company worked before in famous Internet companies, like Xiaomi, ZTE as big data architect, program manager for nearly 20 years. He is expecially interested in creating software systems that allow concurrent programs to execute more reliably on multicore computers, as well as tools that can enable demanding applications to run on distributed system and automotive platforms.

Jun Chen   Chief Analyst

Cryptocurrency early investors, 8BTC column writer, investment institutions strategic cooperation adviser, in−depth understanding of the cryptocurrency primary market, the early enthusiasts of Blockchain, in addition to hold mainstream coin, early participants of the project such as Ardor, IOTA, IPFS, EOS, MANA, all obtained the huge profit , guidance a number of Blockchain team and project operation.

Victoria Chen Project Director

Worked as project manager for Harvard medical school, long-term living and study experience in USA. Participate and develop international project for Harvard medical school, facilitate HMS to cooperate with China medical, education and research institutions.

Alfred Chen Crypto Expert

PHD from university of Michigan major in cryptography, expert in network protocol, encrypted algorithm, DDos attack protection. Public around 30 papers in global information safety and cryptography conferences and magazines.

Changfeng Liu Quantitative Trading Expert

PHD from university of Michigan major in Artificial intelligence, expert in cryptocurrency quantitative trading.

BTC Grandpa Chief Trader

Early Bitcoin investor, creator of wechat public account "Bi laoye". Worked as private equality, futures and international derivatives trader for over 8 years.

Zao Shen Investment Strategy Expert

Master of financial in Trinity College Dublin university, he worked mainly on investment strategy research. Hedge funding manager for UK famous investment company. Blockchain and smart contract expert.

Mcfly Operation Director

Former invest manager for one angel investment institution. Expert in financial company operation, financial product design and new medium operation.

Weifeng Zhou Chief Investment Consultant

Former senior analyst in eastmoney.com, worked for famous cryptocurrency projects analysis and operation, like Tron.

Chenglin Wu Business Director

serial entrepreneurs. Expert in marketing and business relationship.

Bruce Yu Design Director

Senior visual designer, lead Internet financial product design and financial brand design

Siwen Shang Full Stack Developer

Expert in Angular, React, NodeJS and other front-end development language & visualization tools. She had great experience in Internet Safety, P2P distributed network, Internet worm, etc.

Investors & advisors：

Lao Mao
Partner of IN Blockchain

Liang Lu
Founder of Cybermiles

Henry Wang
Founder of SmartMesh; Board Chairman & CEO of
Lingtuan Technology

Yuefeng Qiu
Co-Founder of Rootscap Capital. Worked as Senior VP & chief
marketing & strategy officer, chief information officer in pactera
company which is listed in NASDAQ

William Qiu
legal advisor, partner of zhonglun law firm, China & American
practicing lawyer, had investment M&A, funding operation
experience for over 10 years.

5.2 Partners

INBlockchain

BigONE

先知资本

ROOTSCAP
起源资本

Block VC

Continuous update…

6. Road Map

● **Year 2015-2016:** Team served dozens of financial companies about technical development of securities, including A share market, US share market, futures, spot market, etc , CRM commission distribution management system, marketing management system and intelligent investment consultant system, and so on.

● **Year 2017- present:** Run a series of cryptocurrency "we media" , including Bi Laoye, oversea cryptocurrency, blockchain world view, cryptocurrency trend, etc. Currently there are 150,000 fans. Work hardly on investment consultant services in cryptocurrency, including second market instructions and primary market project analysis, and profits increase steadily.

● **2017.10-** complete system design of TokenClub

● **2017.11-** complete MVP version of interlocution system

● **2018.02-** TokenClub version 1.0 publish, including market information & community interlocution system

● **2018.04-** TokenClub version 2.0 publish, including trading & strategy following function

● **2018.06-** TokenClub version 3.0 publish, complete wallet & token incentive related function

● **2018.12-** Continue function iteration, optimize infrastructure technology, increase efficiency, stability and safety.

7. Disclaimer

TokenClub supporters, pls kindly read through related information about TokenClub whitepaper and official website carefully, understand blockchain comprehensively, recognize the potential risk of buying TokenClub tokens, and fully evaluate how high risk you can undertake and your physical truth to justify rationally.

The project may fail because of legality, market demand, technicality, and other uncontrollable reasons. The worst consequence is that all the invested BTC, ETH or other cryptocurrencies cannot be taken back.

All investors should understand TokenClub will never give refund under any condition. TokenClub team will make proper use of collected cryptocurrencies according to released information in whitepaper, manage projects with high standards and try the best to make sure the project could develop in right direction. But there is still high risk to lose your investment, and TokenClub team will also keep the right to adjust project schedule according to physical truth.

7.1 TCT is cryptocurrency, but not conventional financial product, so it will not be registered in any government like securities.

7.2 No guarantee for profits, no guarantee TCT token price will increase.

7.3 Relevant risks with Ethereum system: TCT is based on Ethereum network. Therefore, any failure in Ethereum protocol may cause TCT trading network cannot work as expected.

7.4 Uncertainty about regulation: many countries worldwide have negative attitude on blockchain currently, any negative polices in any country will influence TCT token price.

7.5 Risk of industry periodicity: Every industry has its own periodicity, so does blockchain industry, if the market goes down, most of the project will have influence.

7.6 Risk of Internet safety: blockchain technology is also built based on Internet, and hacker attacks may influence project safety and cause loss.