



YouSwap : DEX of Multi-chain and Interoperability

YouSwap Team

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Abstract: this paper introduces a new generation of on-chain trading platform YouSwap, which realizes multi-chain sharing of digital assets by constructing multi-chain ecological deployment system. It improves the AMM Model (Automated Market Maker) and provides high security liquidity by accessing Chainlink oracle protocol. In finding the best trading path for users, YouSwap provides multiple common chain cross-chain aggregation trading functions that integrate cross-chain liquidity and provide derivatives services in risk hedging, And these technical services can be applied in Ethernet Layer2. YouSwap has the advantages of wide range of capital investment, low slip point, reduced risk exposure of impermanence loss, high real-time trading speed of scalability, low Gas cost and so on compared with other decentralized exchanges on the chain. At the later stage YouSwap will continue to strengthen R&D investment and explore the real decentralized cross-chain technology to realize the intelligent scene of multi-chain integration and create seamless exchange and mutual operation application of multi-chain native assets.

Keywords: multi-chain ;AMM model; trading ;Layer2; cross-chain

1. Industry status

Since 2020, the blockchain industry has happened in huge changes. Decentralized financial DEFI is booming, ranging from stabletokens to decentralized Token exchange platforms, lending, and payments. There are now thousands of DEFI projects. So far, the size of assets locked in various DEFI agreements has exceeded \$40 billion. With the growth of assets locked in the chain and the opening of the chain of assets under the chain, some professionals estimate that the size of assets locked in DEFI agreement will exceed \$100 billion by 2021. Because of various mining waves and funds driven by profit, led to the rapid rise of new exchange agreements such as Uniswap 、 Sushiswap.

While the DEX represented by Uniswap won the spotlight in 2020, there are still some problems. The first: theRisk of impermanence loss, the provision of liquidity AMM will automatically carry out abnormal trading behavior when the market price changes, that is, the lower the price, the higher the purchase price, the higher the selling price, which will cause the asset loss when the asset value is lower than in the wallet; second: when the exchange slip point is large and the liquidity pool depth is insufficient, the market impact cost of transaction exchange is very large; third: subject to the TPS performance restrictions Layer1 in the etheric workshop chain, most decentralized exchanges have obvious technical bottlenecks in the number of transactions per second; The fourth: the Gas cost of \$80 or 90 per exchange will increase the entry threshold of small and medium-sized asset users intangibly; fifth: the lack of truly decentralized

cross-chain interoperability, The introduction of large market value block chain native assets cross-chain free circulation, will hinder the development of various DeFi agreements; the above five points are the common pain points facing most DEX.

2. Introduction

2.1 Design principles

- Security principle. On the market making side, YouSwap learned the Uniswap AMM model (automatic market maker algorithm), and reduced theRisk of impermanent loss; in the asset custody aspect, because the YouSwap does not do the fund custody but the user controls the wallet to control the private key, the fund real-time security;
- Profitability principle. YouSwap, in order to reduce the transaction exchange sliding point, the aggregate trading engine is developed to find the optimal exchange path; YouSwap provides the functions of liquidity reward pool, trading pool, invitation mining and so on. At the same time, the custom and automatic execution function of flow pool is added to the intelligent contract flow pool, which potentially enhances the return profitability of flow pool;
- Extensibility principle. YouSwap has a set of exchange protocols based on Zk Rollup technology, which is a set of Layer2 technical solutions. This high performance expansibility can realize instant convertibility, low Gas cost and carrying various derivatives contracts;

- Interoperability principle. Because different block chain networks are their own isolated value bodies, there is a trend of value isolation. YouSwap as a value center, bridging cross-chain technology can bring multi-chain interaction between different common chains. Make the original assets on different common chains freely merge and circulate;

2.2 Technical base

2.2.1 YouSwap V1 version

- **AMM model and Chainlink oracle protocol**

YouSwap is a set of decentralized trading protocols based on the "fixed product" automated market maker mechanism. For example, users can create fund pools by providing a certain proportion of ETH and any ERC20 assets. Each pool holds a certain proportion of different assets and provides liquidity for the transaction of these assets. When the price fluctuates greatly, in order to prevent the difference of price data between exchanges, the YouSwap adopts the mechanism of introducing Chainlink prophetic machine to guarantee the price of mobile pool token, for example, Chainlink transfers the YOU price to the block chain by YOU/ETH feed price.

- **Create capital pool**

For YouSwap, each transaction pair has a pool of funds, generally created by the first liquidity provider. For example, a liquidity provider creates a ETH-YOU pool of funds and can then start adding liquidity. Number of ETH initially deposited is

X_0 , The number of YOU initially deposited is Y_0 , and $X_0 * Y_0 = C_0$. Among them, the YOU is based on multiple public chain issued tokens.

- **Multi-chain deployment**

YouSwap support the deployment of multi-chain architecture

(ETH, TRON, BSC, HECO, etc.), the protocol is completely open source, the YouSwap V1 system construction will be docked on the Ethernet public chain (TRON main network, token security smart chain, fire token ecological YouSwap deployment will be launched in the new version), YouSwap also in a short period of time access to mainstream wallets and DApp browsers, so as to provide users with safe and convenient decentralized trading services, open the ecology of the public chain, the prosperity of the various public chain ecological traffic to the YouSwap. YouSwap have their own separate account data (block data) in each chain, and transactions on different chains are executed in parallel.

- **Build YouStarter Incubator Function**

YouStarter is not only an open source intelligent contract, but also a decentralized project incubator platform for creating and issuing high-quality project tokens to auction fund-raising, YouStarter supports cross-chain asset distribution, supports project crowdfunding on Ethernet Square, TRON, BSC, Heco multiple public chains. Projects with block chain innovation development model can be funded by one-click YouStarter incubator and early seed money. The YouSwap team will provide multi-dimensional support for the construction and development of block

chain quality projects and the launch of liquidity pool, such as intelligent contract delivery applications, funds, communities, marketing, etc., After these projects will be homeopathic on the YouSwap platform to launch its trading pair.

2.2.2 YouSwap V2 version

- **Multi-chain cross-chain aggregation transaction function**

The YouSwap aggregate trading technology is currently integrated with each DEX service provider in four public chains to integrate all kinds of DEX liquidity and pricing, compare the optimal prices in different trading agreements, and provide users with the optimal trading and minimum sliding points. When a user enters a transaction, for example, YouSwap first find a DEX, that contains the token. When the user submits the transaction, the YouSwap background may split the order into multiple orders, such as 70% through Uniswap. The remaining 30% is done through Sushiswap. And when the aggregator finds that the transaction the user chooses is illiquid for most DEX, it is possible to bridge the transaction.

- **Intelligent liquid mining system**

Customization of liquidity pool. a liquidity pool has a public pool and an intelligent pool. all parameters of the public pool (such as token weights) are already set when the liquidity pool is created, allowing anyone to provide liquidity to the pool, such as DEFI projects, Polkadot ecological projects, etc. YouSwap the smart pool is controlled by the smart contract, allowing the controller to respond to the real-time data on the block chain, the token, proportion, exchange rate of

the liquidity pool can be customized (0.0001%-5%).

Automatic liquidity mining. YouSwap is the hosting intelligent dynamic platform to the program, which can set the liquidity parameters to delete, add, sell and exit in advance, and then execute the transaction automatically when the price is triggered, such as withdraw from the pool when the value of the program falls to a certain value.

2.2.3 YouSwap V3 version

- **Layer2 technological expansion**

Through Zk-Rollups technology to transfer all ERC20 token to the Layer2, based on the constantly generated zero knowledge proof to ensure the consistency of Layer1 and Layer2 state, so that all convertibility occurs on the Layer2, this high performance scalability, Real-time convertibility and low Gas costs can be achieved.

- **Decentralized Financial Development Plan You T reasury**

You T reasury is a service launched YouSwap the integration of DeFi lending agreements on the V2 version to expand to meet the financial investment needs of users. In addition to lending contracts, it can be used for other protocol services such as anyone who can build an extension based on the YouSwap loan fund bank. It can also provide liquidity mining, loan aggregator services and bridging YFI income aggregator to improve financial returns.

2.2.4 YouSwap V4 version

- **YouDerivatives on Layer2 derivatives services**

YouDerivatives is a completely decentralized, secure and highly customizable Layer-2DeFi protocol that YouSwap is building to support derivatives such as decentralized sustainable contracts and decentralized options products.

- **NFT market sector**

NFT full name Non-fungible Tokens, that is, non-homogeneous tokens, with indivisible, irreplaceable, unique scarcity and other characteristics. YouSwap will provide a full range of services in the circulation of NFT, sales and trading, NFT as collateral for lending, NFT mining and so on, bringing NFT into the field, creating revenue for YouSwap users while providing a rich and diverse experience.

2.2.5 YouSwap V5 version

- **Exploration on the Development of the Bottom Cross-chain Technology of Polkadot**

Another highlight of the YouSwap platform is the cross-chain. With the slot auction of the parallel chain of the wave card, the YouSwap team believes that the prosperity of the wave card ecology in the future block chain encryption world will not be underestimated. YouSwap team will explore the parallel chain (Parachain) and relay chain (Relaychain) to solve the scalability and scalability problems. YouSwap platform will first support four block chain cross-chain protocols,

including ethernet, TRON, token security smart chain, fire token ecological chain, and will gradually access bittoken, as well as the cross-chain that supports the Polkadot ecology, so as to help YouSwap users participate in multiple public chain ecology and trade token assets on different public chains.

- **Development YouPay services**

The development of the YouPay is based on the user group demand of the exchange transfer stable token. Through the update of the payment module, the YouPay system supports the exchange rate of all kinds of stable token and legal token. Block chain enthusiasts can exchange and purchase encrypted token and traditional enterprises to receive encrypted token.

- **Bridging Synthetix agreements for “Block Trading Service”**

Aggregate transactions can help most users find the optimal exchange path and the most favorable price, But it's hard for big whales to keep their assets safe and profitable, Therefore, YouSwap will consider working with the synthetic asset protocol Synthetix to implement the bulk service of encrypted token. Such as users want to buy wBTC, in DAI stable token The deal was \$50 million, Synthetix in the process, sUSD and sBTC exchange are non-slip) is a bridge, DAI turn into sUSD, first And then sBTC, it Finally converted to wBTC, According to the test results of Synthetix protocol fees, The slide point of large transactions can be reduced by at least 75% compared with other decentralized exchanges.

2.3 Technical advantages

- **YouSwap security**

User asset security is the highest priority in YouSwap platform design protocol. The updated iterative version of the YouSwap is completely decentralized and does not host user assets. All assets are kept in the chain, and users have full control over personal assets. Even the smart contract protocol liquidity pool can be guaranteed in any case. Users can withdraw their assets even if YouSwap operators plan to do evil from the first day.

YouSwap exchange enables the on-chain data availability (OCDA) function of governance protocol 1.0, it will provide YouSwap users with the same security level as the underlying multi-chain block chain, meaning that YouSwap exchanges can remain anonymous to some extent. For example, no customer service and contact information are provided. We believe: no trust, more trust. In the field of encrypted asset transactions, the need for trust will become a new criterion for credibility.

- **YouSwap outstanding performance**

Most decentralized exchanges encounter performance bottlenecks in their underlying block chains: throughput is too low and cost is too high. Performance bottlenecks make these decentralized exchanges difficult to welcome by large-scale users. Many trading platforms have to choose between performance and security. In comparison, YouSwap used a different "zero-knowledge volume stack (zkRollup)" Layer2 scheme. YouSwap from 3.0 throughput will reach 16400

transactions per second, Settlement costs are as low as \$0.0001 per settlement, And the throughput of the uniswap platform is about 12 strokes per second, x throughput of the 0 protocol is about 13 strokes per second. In addition, at present, the cross-chain of most decentralized exchanges is still in the Wrapped Token mode, and the main cross-chain platform Polkadot、Cosmos is not used to realize the real decentralization of cross-chain, which is contrary to the original intention of block chain decentralization finance. By contrast, YouSwap will explore and develop the underlying cross-chain technology of Polkadot and realize the cross-chain interaction of native assets on different common chains in version 5.0.

- **YouSwap rich YOU ecological experience**

The YouSwap team has long provided decentralized spot trading for global blockchain cryptotoken industry & chain top price single dealmaking mechanisms, YouTreasury lending and wealth management services, YouDerivates derivatives trading on Layer2, YouPay stable token exchange transfers, one-stop YouStarter new projects, inviting mining power incentives and other rich product experience and update services. Besides, At the community level, Feedback from different users in the community, By YouSwap DAO proposals, voting decisions to the platform late governance optimization.

3. Economic Model

3.1 Token allocation scheme

● YOU Token distribution

YOU is the YouSwap governance Token, Max Supply is 200 million, of which 60% are issued 30 million mining awards on the Ethereum ,Tron , Heco and BSC respectively. Token distribution is as follows:

-60% mining plan (120 million): daily release.

(1) Creation period. 1-3 months (3 months):4% of the mining portion (4.8 million) per month, Total 12 percent; By day, That is ,160,000 per day, Of which 96,000 were traded, Output 24,000 per public chain, Liquid mining 64000, 16000 YOU per public chain;

(2) Dawn breaking period. 4-12 months (9 months) of mining :3%(3.6 million) of mining per month, Total 27 percent; By day, That is, the daily output of 120000 of which trading mining 72000, Each public chain produces 18,000 YOU, Liquid mining 48000, 12,000 YOU per public chain;

(3) Arthurian period. 13-24 months (1 year):2% of the mining portion (2.4 million) per month, Total 24 percent; By day, That is ,80,000 per day, Of which 48000 were traded, Output 12000 per public chain, Liquid mining 32000, Output 8000 per public chain;

(4) Peace period. Open mining 25-61 months (3 years and 1 month):1% of the mining portion (1.2 million) per month, Total 37 percent; By day, That is ,40,000 YOU per day, Of which 24,000 were traded, Output 6000 per public chain, Liquid mining 16000, Output 4000 per public chain;

(5) Serenity period.

For the first five years, the mining plan takes the platform governance token YOU as the mining incentive, and the subsequent long-term incentive is distributed to the liquidity provider and trader through the platform fee income part as the incentive. (LP:50 percent of L fees, transaction users :50 percent of fees)

Mining cycle	Phase	Percentage of mining	Amount of mining per month (YOU)
Creation period	1-3 months (3 months)	12%	4.8 million
Dawn breaking period	4-12 months (9 months)	27%	3.6 million
Arthurian Period	13-24(1 year)	24%	2.4 million
Peace period	25-61(3 years and 1 month)	37%	1.2 million
serenity Period	Mining follow-up incentives	will be adjusted for trading fee award distribution. LP: trade fee 50%, trading user: trade fee 50%.	

Mining Incentives Table

-5% Early investor (10 million): released on a monthly basis.

YOU subscription, invited to participate in the ecological construction of early YouSwap, This part of the funds will be used for pre-operation planning, external security audit and so on. 10 million YOU, target subscription 5% of the total, The subscription rules are real - time, On the account, The exchange rate is consistent with the previous five years' mining rhythm (creation period :4% of the monthly

amount released, Total 12 percent; Breakdown :3% of the amount of money each month, Total 27 percent; Arthur :2% of the amount of money raised each month, Total 24 percent; Peace :1% of the amount of money raised per month, Total (37 percent).If not raised, YOU remaining quantity will be destroyed directly.

-15% Team Distribution (30 million): Monthly Release.

Fifteen percent (30 million units) for founding team motivation, for team operation, technology development, etc. According to the 5-year linear unlock, Of which 4% are unlocked every month for 1-3 months, Unlock 3% per month for 3-12 months, Unlock 2% per month, Unlock 1% per month, Monthly release.

-15 % community ecological incentives (30 million).

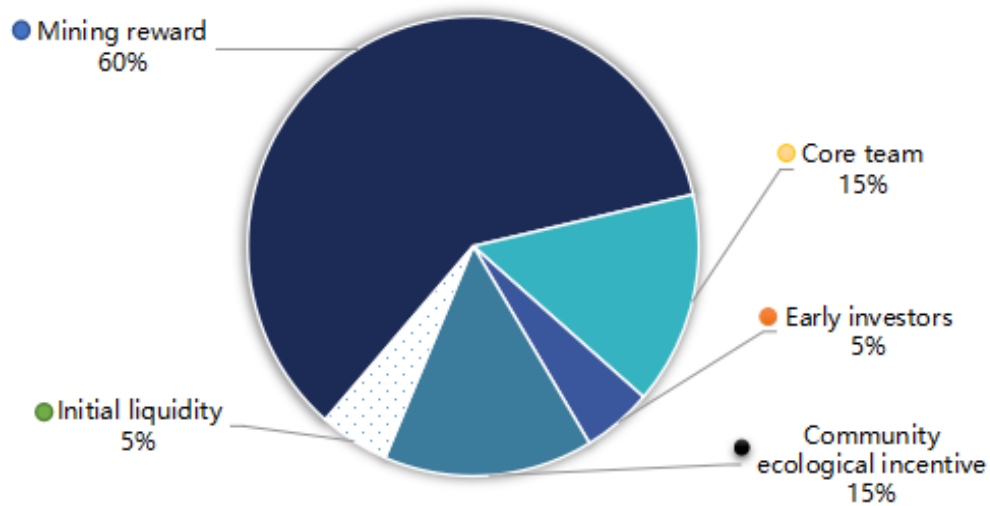
for operations, markets, developer ecological incentives (DAO governance), etc.

-5% initial liquidity (10 million).

The etheric public chain starts in IDO form on the YouSwap official website and is released to the trading platform immediately after settlement to provide initial liquidity (YOU-USDT).

IDO rounds	Remarks on White List
First round (private pool)	<p>一、White list time: YouSwap official community broadcast announcement shall prevail.</p> <p>二、whitelist requirements :</p> <ol style="list-style-type: none"> 1. follow and transmit YouSwap twitter 2. enter YouSwap telegraph group 3. fill in the list of submitted whitelist.
Second round(public pool)	Public round, no white list, can be over-raised, there is a minimum, there is no maximum.

IDO Table



YOU distribution pie chart

3.2 Invitation to mining mechanisms

At the YouSwap platform, all users have the opportunity to participate in the invitation mining mechanism and receive an invitation mechanism award.

- For mining incentives, the YouSwap platform implements a parallel mechanism of multi-chain mining and inviting mining. That is, YouSwap users can do liquid mining and trading mining on Ethernet Square, TRON, token security intelligent chain and fire token ecological chain, and can obtain higher mining force value by inviting people within the second level of P2P (the higher the computational power, the more minerals are excavated naturally).

- Invitation mechanisms:

(1) Sharing power: send links to friends (invitees), friends pay miners to activate, enjoy 5% additional income bonus.

(2) Activate miners: invite people to pay miners' fees, activate friends (invitees), get 15% of the first class friends ,15% of the second class friends, friends can also enjoy 5% additional income bonus.

Both the inviter and the invitee who activate the invitation relationship through the above two ways can receive the corresponding invitation reward when the invitee pledge mining.

Inviter: you can get the proportion of liquidity mining power contributed by subordinates, in which 15% of the first class friends pledge calculation power ,10% of the second class friends pledge calculation power, that is, invite calculation power = first class friends 15% pledge calculation power + second class friends 10% pledge calculation power.

invitee:: you can get your own 5% pledge bonus.

Users A invited users B, users B invited users, then B will add a certain coefficient of LP liquidity mining force, C will add a certain coefficient of LP liquidity mining force, At the same time, B and C as invitees can add a certain coefficient of liquidity mining force. For example:

A invited B, B invited C

A pledge 1 LP, B pledge 2 LP, C pledge 3 LP

A: $1(\text{own pledge}) + 2 \times 15\%(\text{first class invitation bonus}) + 3 \times 10\%(\text{second class invitation bonus})$

B: $2(\text{own pledge}) + 2 \times 5\%(\text{invited bonus}) + 3 \times 15\%(\text{first class invitation bonus})$

C: $3(\text{own pledge}) + 3 \times 5\%(\text{bonus of invitee})$

3.3 Destruction Mechanism

- The YouSwap will charge 0.3% of all transactions as a transaction fee, and the YouSwap will use 100% of the total fee income to buy back and destroy YOU (until the total amount is 100 million YOU tokens), Buy back and the destroyed YOU will be transferred to the black hole address, never circulation;
- The trading fee of NFT product transaction will be 100% to carry on the YOU repurchase destruction;
- Other destruction scenarios, etc;

3. Application scenarios of YOU

YOU as a YouSwap native agreement Token, not only represents the rights of the holder, but also has practical use value. User holding YOU can participate in YouSwap range of functions and activities, YOU can be used in the following scenarios.

- **Governance tokens**

YouSwap is a community-led decentralization project, YOU evidence of community participation in governance:

- Users with a certain number of YOU can initiate upgrading proposals, such as modification fees, distribution of liquid mining pools, and YOU long-term incentive plans;
- All YOU holders can vote on the proposal, with a majority of the votes approved, and implemented by the YouSwap development team;

- **Trading fee discount & interest deduction**

YouSwap will charge 0.3% of the platform transaction value as a transaction fee, holding YOU users in the YouSwap platform transactions can enjoy the corresponding commission discount; at the same time, on the trading platform, users holding YOU can deduct the interest on the loan products;

- **Vote or mortgage to token offering**

the token of supporting the liquidity pool is limited, in addition to the token of the liquidity pool initially added by the official team, users holding YOU can vote

or mortgage to achieve the token offering;

-Token-holding users initiate token proposals through the YouSwap community governance process, which can be obtained by a majority vote;

-For users who hold more YOU, they can compete for token offering through mortgage YOU.

YouSwap official team will carry out token offering operation according to the result of voting or pledge. After the completion of the token offering, all users can create a liquidity pool to provide liquidity.

- **Mining seeds**

Under the YouSwap platform's protocol liquidity pool, users with YOU can receive mining incentives by adding YOU pools to provide liquidity, and users with YOU trading pairs can also receive mining incentives; in addition, Users with YOU can also participate in airdrop incentives and time-limited mining incentives in the central exchange;

- **Access to unique product services**

On the YouSwap platform, users holding YOU can obtain intelligent management of liquid mining system, project auction crowd funding and project development support guidance on YouStarter, circulation construction of NFT market sector and trading services, etc. With the later version iteration upgrade, we can also give priority to experience a wealth of customized products new functions and many

other rights and interests;

Summary

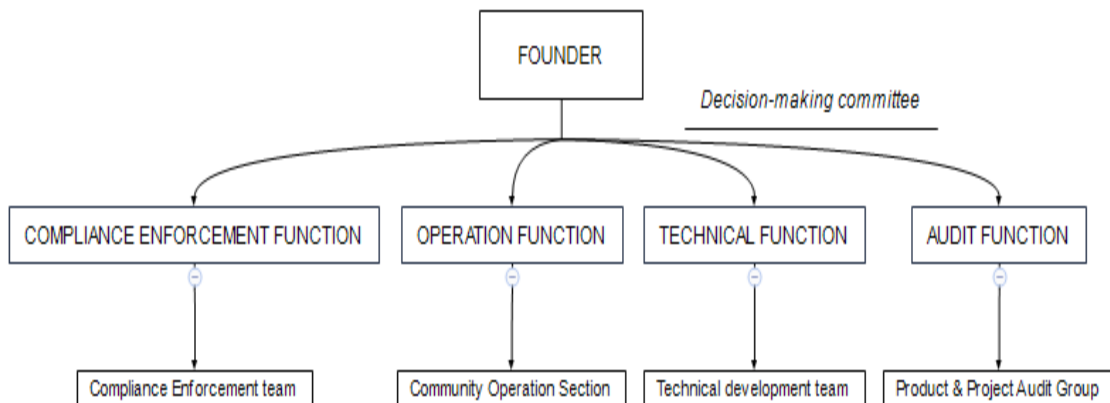
YOU is the Token, of YouSwap agreements Are the key links to encourage participants to build YouSwap ecology together. The Token distribution of 100 percent of the initial total will be completed within five years of the YOU period, More than 60 percent of these YOU Token will be allocated to YouSwap infrastructure providers and user groups through mining incentives and community ecological incentives, Including liquidity providers, users involved in transactions, Later YouSwap will be adjusted according to the destruction of the YOU fee incentive. Users with YOU can participate in YouSwap ecological governance, Vote, Money decisions, Participate in various mining incentives, Get transaction fee discount, interest deduction, NFT mining and trading and other unique products and services. Besides, Since at each stage YouSwap 100% of the exchange fee income is used for repurchase destruction YOU (until the total is 100 million YOU), there will be a certain deflation rate in the market.

5. Team Organizational Structure

5.1 Organizational structure

With the development of blockchain industry, the number of blockchain exchanges and the number of blockchain projects and certificates are increasing year by year, accompanied by chaos, some CEX false trading, freezing tokens, joint projects cut leaks, blockchain projects using the blockchain concept to make

funds, and some DEX allow anyone to free and unlimited air tokens, large liquidity pools are easy to dry up, user services are poor compared with centralized exchanges, lack of incentive care for new users, and so on. To ensure the long-term sustainable development of the YouSwap , while meeting the regulatory compliance requirements of the blockchain industry and improving the high quality and platform management effectiveness of the platform operation, the YouSwap team organizational structure is composed of founders, decision committees, community operations groups, technology development groups, product & project audit groups, compliance implementation groups, where the organizational structure contains operational processes and rules for daily work and special situations. YouSwap organizational structure of the team includes:



5.2 Division of functions

5.2.1 Policy- making Committee

Founder: responsible for YouSwap business development direction and establishment and development work;

Consultant: provide solutions for the development and construction of the YouSwap platform and community operation;

Competition researcher: the main work is responsible for market research, including industry competitors, project categories and development direction research;

5.2.2 Compliance Implementation Team

Auditor: follow up on YouSwap work compliance issues, Risk warning, recommendations for improvement, supervision;

Compliance Officer: responsible for the block chain regulatory policy interpretation and control, Risk management and business compliance implementation;

5.2.3 Community Operations Section

Community Services Officer: users of services YouSwap community consultation maintain good communication with them and actively understand their needs;

Community Activity Officer: responsible for the promotion of YouSwap community activities, follow-up implementation and YouSwap brand image

building;

5.2.4 Technology Development Group

Chief Technical Officer: responsible for organizing, formulating and implementing YouSwap major technical decisions and technical solutions, controlling the overall direction of technological development, supervising technical research and development activities and controlling the efficiency and quality of YouSwap team YOU, leading the YouSwap team to solve major difficult problems and eliminate all kinds of potential technicalRisks;

UI designer: responsible for the UI visual style of the YouSwap platform, the overall UI structure specification design, the control of the brand style and landing creative brand design;

Software development engineer: participate in the YouSwap platform product development, complete the corresponding software module design, development, unit testing and documentation, responsible for the design and development of intelligent contracts;

Software tester: assist the development engineer to complete the test document arrangement, filing and release, do the product test work, submit the test report;

Operation and maintenance engineer: for the YouSwap of the business system structure, deployment, monitoring, governance, optimization, security and other planning implementation, the establishment of standardized operation and maintenance, data, security system to ensure the stable operation of the YouSwap

product line system;

5.2.5 Products & Project Audit Section

Product & Project Auditor: responsible for YouSwap platform open source intelligence collection, server security configuration audit, node security audit, input security audit, business logic audit, cryptography security audit, intelligent contract audit, hot wallet and DApp architecture security audit, authentication and authorization audit;

6. road map

March,2021

Phase0(Generation stage):

Start up the main network in the ethernet;

IDO function of YOU in YouStarter;

Liquidity pool and inviting mining to go online;

Issue agreement governance tokens YOU;

April,2021

Phase1(Columbia upgrade):

Launch the function of trading and mining;

Start up the main network in the TRON, BSC and Heco;

YouStarter launch project IFO function;

DAO community autonomy;

May,2021

Phase2(Galileo upgrade):

Launch intelligent mining management system;

Launch the function of multi-chain aggregation transaction;

July,2021

Phase3(Darwinian upgrade):

Launch financial development plan YouTreasury;

Get through the ZKRollup Layer2 expansion;

October,2021

Phase4(Faraday upgrade):

The development and launch of NFT market segment;

Development and interworking of other extension schemes of Layer2;

launch YouDerivatives derivatives;

January,2022

Phase5(Olympic upgrade):

Development of underlying cross-chain technology for Polkadot;

Develop YouPay for stable token transfer service;

Bridging Synthetix protocol for "Block Trading Service" ;

7. Risk Tips and Disclaime

7.1 Risk Tips

1) Systematic Risk

Security is the highest priority of YouSwap protocol, and YouSwap audit members have invested a lot of energy to ensure the security and reliability of the protocol. YouSwap the relevant smart contract codes are publicly verifiable, we also invite external security personnel to find vulnerabilities in the protocol and obtain rewards.

2) Investment Risk

YOU is the YouSwap issued applied governance tokens, non-investment products. Before making a purchase decision, the purchaser should carefully consider its suitability for its financial position, purchase objectives and experience, Risk tolerance, and other relevant circumstances, and should also be aware of the relevant Risks involved in the purchase YOU.

3) Regulatory Risk

Undeniably, for the foreseeable future, countries around the world will have regulatory regulations to regulate the block chain. If regulators curb and stop the sector, the investment heat in the DeFi sector may fall to a certain extent from the hot market in 2020.

4) Malignant Competition Risks

At present, there are many teams and projects in the field of block chain technology, and the competition is very fierce, and there is strong market

competition and project operation pressure. Whether the YouSwap platform can break through and be widely recognized in many excellent projects is not only linked to its own team ability, vision planning and so on, but also influenced by many competitors and even oligarchs in the market.

5) Hacker Attack Risk

As for security, the hacker attacks in the history of block chain can be seen. In the platform with large number of users and the value of digital assets, hackers are most likely to be aroused by their concerns. This for YouSwap, the platform's own security requirements.

6) Other Risks not currently known

With the continuous development of block chain technology and the overall situation of the industry, the future operation of YouSwap may face some unexpectedRisks. Block chain enthusiasts are invited to fully understand the team background, the overall framework and ideas of operation management, and rational participation before making the experience of participating in the decentralized exchange.

7.2 Disclaimer

- This document is for the purpose of conveying information only. The content of the document is for reference only and does not constitute any investment proposal, solicitation or solicitation for the sale of tokens or the recommendation of speculation in the block chain industry. Such solicitation

must take the form of a confidential memorandum and must comply with the relevant securities and other laws.

- YouSwap team will spare no effort to achieve the goals mentioned in the document and ensure that the information in this white paper is true and accurate. During the development process, the platform may be updated, including but not limited to the platform business mechanism, product iterative construction mechanism. As part of the document may be adjusted in the new white paper as the project progresses, the YouSwap team will publish the updates to the public by publishing announcements or new white papers on the community network. Participants are requested to obtain the latest community information or new white paper in time, and adjust their decisions according to the updated content. YouSwap team has made it clear that it does not bear any loss caused by the participants' reliance on the content of this document, the inaccuracies of this article, and any actions resulting from this article.
- to the maximum extent permitted by applicable law, the team is not liable for damages andRisks arising from participation in YOU public offerings, including but not limited to direct or indirect personal damage, loss of commercial profits, loss of business information or any other economic loss.
- YouSwap platform complies with any regulatory regulations and industry self-discipline statements conducive to the healthy development of the block

chain industry. User participation in YouSwap platform represents full acceptance and compliance with such DAO governance agreements.