X PROTOCOL WHITEPAPER

Abstract

X Protocol is the first metaverse+ application portal programmed using RUST language with source-generated gameplay and land economy model. It also provides low-cost access to the Metaverse for DAPPs on heterogeneous chains, sharing X Protocol's users while making the X Protocol ecosystem more prosperous. X Protocol will strive to become the "Ready Player one"'s World + STEAM platform in the blockchain space. X Protocol will be deployed on multiple public chains such as Polkadot, Solana, Polygon, Ethereum, BSC, etc.

X Protocol

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1. An Introduction to the Development of Metaverse

1.1. Origin

The concept of “Metaverse” initially appeared in a science fiction novel called *Snow Crash, which was* published 29 years ago.

The Metaverse, envisioned by Stephenson, the author of *Snow Crash*, consists of Avatars controlled by users and the system daemon. Each user will have a customizable avatar, and users can interact with each other in this world.

As author Neil Stephenson described, the "Metaverse" is a vast virtual digital world in which people live as digital avatars, a parallel universe to the real world.

1.2. Development

In 2020, in the context of the Covid-19 pandemic, the following typical events triggered people's expectations of the "metaverse": Firstly, virtual concerts. In Fortnite, 12.3 million people around the world watched a virtual concert given by Travis Scott, a popular American pop star. Secondly, virtual education. Parents held birthday parties for their kids on Minecraft and Roblox. Thirdly, virtual finance. CNBC reports on the real estate wave of "Metaverse" and the launch of an investment "Metaverse" asset fund. A model is emerging to virtualize the assets and wealth of the "Metaverse" in all directions. Fourthly, virtualization of academic activities. ACAI, the world's top AI academic conference, held a workshop at the Animal Crossing Society. Lastly, virtual creation. Roblox affects the entire gaming ecosystem, attracting over 100 million monthly active players and over 18 million games.

In March 2021, gaming platform Roblox (RBLX.NYSE) went public on the New York Stock Exchange, being named as "the first share of the metaverse" for including the "Metaverse” concept in its prospectus.

The year of 2021 will be marked as the first year of the metaverse. The "Metaverse" is growing explosively beyond imagination.

2. Overview of the X-metaverse

2.1. Origin

The metaverse is an immersive virtual world that is close to reality, representing an world of the future based on the open network. This property, which spans the physical and digital worlds, is naturally suited to incorporate blockchain technology., which not only allows user data, digital objects, content, and IP to circulate in the metaverse, but also allows users and companies to create content and goods, thus making it even more prosperous. More importantly, Blockchain technology can also create a fully functioning and linked real-world economic system in the metaverse. Therefore, the X-Metaverse we created with blockchain technology as the underlying protocol came into being.

2.2. 8 Features

2.2.1. Decentralized equal identity

Anyone can create a virtual identity in the X-metaverse. The owner has the ability to customize attributes and can make any face painting and body dressing they want. The system fully protects the user's data and privacy, allowing the individual to manage his or her own identity, while eliminating the real-world barriers of race, color, religion, class and politics, and truly becoming who you want to be.

2.2.2. Low latency

The X-Metaverse, like the Internet, is a perpetual system that continues to provide services and content with an evolving and rich ecology, with encryption technologies and affluent applications of the traditional Internet. To better connect with the real world, everything in the X-Metaverse happens synchronously, without asynchronization or delay.

2.2.3. Strong Social links

Relying on the social system of the X Metaverse ecosystem to break time and space constraints, users can establish social contact with people all around the world. Users can also invite their real-world friends to explore the X Metaverse together. The X

Protocol helps the vast number of Internet users migrate smoothly to the decentralized "Internet" by providing a more comprehensive, diversified, and convenient identification service.

2.2.4. Immersion

Through the instant interaction and virtual identity features brought by the high TPS and low latency, X Protocol constantly pursues vivid graphics and provides users with a more immersive and realistic sensory experience beyond the real world, so as to build a virtual shared space beyond the real universe where you can immerse yourself in the metaverse and ignore everything else.

2.2.5. Diversification

X Metaverse creates multiple application scenarios based on the X Protocol, offering rich content such as a variety of gameplay, props, art materials, and so on. With the interoperability and interaction framework of cross-chains, the X Protocol enables the integration of user cross-chain data aggregation, credit computing, and identity value output into a platform. You can live as wonderfully as you do in the real world.

2.2.6. Anytime, anywhere

You can log in to X Metaverse to immerse yourself in it anytime, anywhere. Inheriting the openness of the Internet, X Metaverse allows free access and exit, it encourages free creation and social interaction, so as to be able to absorb a wide range of scientific and technological, financial, and business model innovation and high-quality content, achieving sustainable ecological prosperity. You can derive value from a variety of actions.

2.2.7. Economic System

The fair, free and energetic X Metaverse ecosystem encourages users to innovate continuously and accumulate high-quality content:

2.2.7.1. Support the blockchain-based open ended payment and clearing system to solve the real-time, fair, transparent and fast point-to-point payment needs of users in the metaverse.

2.2.7.2. The virtual items and innovation achievements of users will be able to be marked and converted into digital assets in the metaverse, where transactions, transfers, investments, etc., should be supported to encourage users to accumulate wealth through continuous innovation.

2.2.7.3. It provides an on-chain, decentralized open-source ecosystem. The application scenarios are not only entertainment, but also a parallel digital world where you can socialize, study, work, shop, watch dramas, watch exhibitions, exercise, and even invest and manage funds on the platform at the same time.

2.2.8. Civilization

The metaverse creates a virtual civilization. Just as the economic basis determines the superstructure, the X Protocol's community driven "Play to Earn" model brings unlimited possibilities into the X metaverse, and the users' group wisdom will promote the birth of a new X civilization. You can enjoy a new civilization brought by technology here or create a civilization of your own.

3. X Meta-Protocol

3.1.1. Overview of X Protocol

The X Protocol constructs a new X-metaverse public chain based on the Substrate framework provided by Polkadot, achieving super scalability, speed, interoperability, governance, and upgradability.

3.1.2. Scalability and Speed

As a heterogeneous sharding blockchain, the X Protocol is a blockchain made up of multiple kinds of blockchains. With its multi-chain structure (also known as sharding), it can process multiple transactions in parallel. As more chains come in and transactions grow, the structure will be able to improve its throughput and scalability.

3.1.3. Interoperability

Each blockchain has its own unique framework. It's very difficult to synchronize different blockchains without spending a lot of effort and resources. This not only affects cross-chain communication, but also impedes interoperability.

X Protocol's vision is to address interoperability issues by leveraging the strengths of each blockchain by using a connected architecture that enables seamless communication between all chains. The network ensures the security of the blockchain through shared security.

All parts of a new chain can be seamlessly connected by the Substrate framework, and existing blockchains can be easily expanded by reusing existing functions just as adding new parts to a toy house.

3.1.4. Governance and Upgradability

Upgrading blockchain will be difficult when on-chain problems arise due to a complex governance structure. The blockchain industry has experienced similar issues in the past, such as hard forks for Ethereum, issues with the block size of Bitcoin, and other noteworthy events.

Traditional blockchains establish many complex built-in rules for the network, making it difficult to select key components that need to be changed. Moreover, when

changes must be made, node operators and engineers need to monitor the platform closely, making fork difficult and time-consuming.

The X Protocol addresses these issues with a robust governance and voting system. The X Protocol code can only be updated based on the voting system. Since the code is part of the blockchain, no hard fork is required.

Updating the X Protocol is as simple as deploying smart contracts. On X Protocol, the upgrade becomes a seamless process and therefore has a high degree of flexibility, which can be used as a political entity or as a free change of technology.

3.2. Multichain Deployment

The X Protocol will be based on Polkadot, but it is also planned to be deployed on other public chains such as Ethereum, BSC, Polygon, Solana, and Avalanche in the future to further expand its commercial scope and become a commercialized Metaverse base.

3.3. Underlying Technology

3.3.1. X Protocol Bridge Protocol

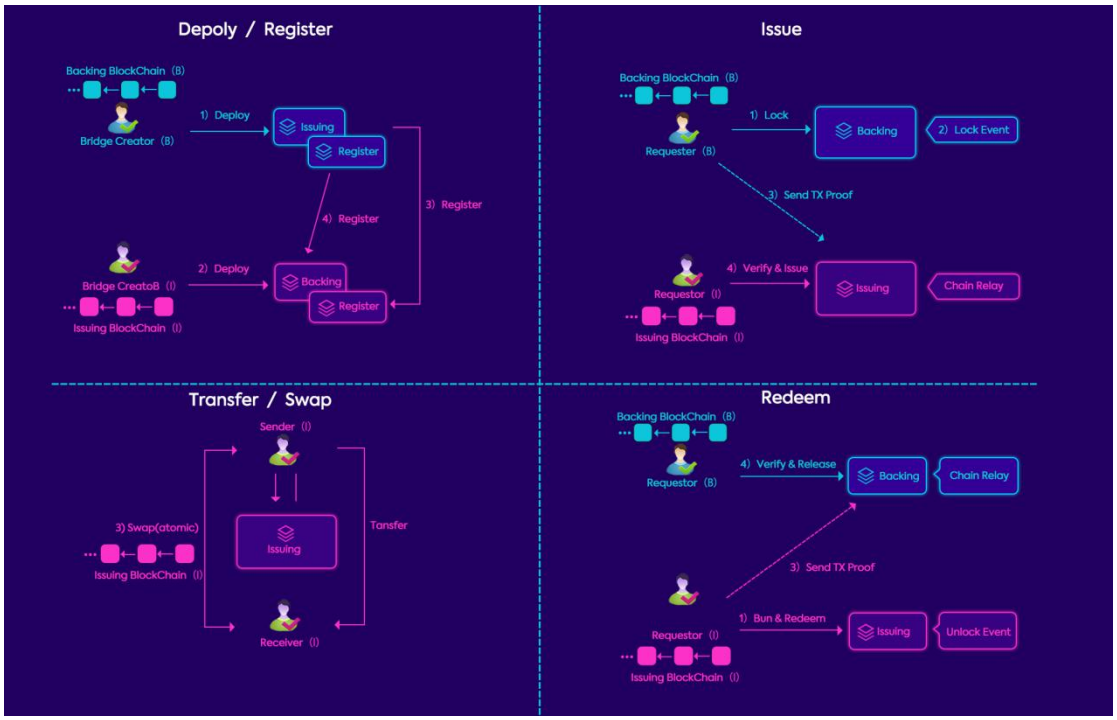
Cross-chain bridge is an essential part of Polkadot's ecosystem because it is necessary for other public chains to be connected to the Polkadot ecosystem. A cross-chain bridge is a special kind of parachain that acts as an intermediate bridge between different chains and connects chains that cannot be directly connected to the relay chain.

The X Protocol cross-chain bridge solution is a two-way cross-chain token bridge based on the relay-chain. X Protocol's relay solution offers higher performance and speed, which means that once connected to the X Protocol cross-chain bridge, customers can focus on business and applications without worrying about cross chain infrastructure.

Compared to other cross-chain bridges, the X Protocol cross-chain bridge is able to achieve higher cross-chain asset liquidity, with advantages in performance and decentralization.

X Protocol establishes a trustless cross-chain bridge. It allows users to mint assets

from other chains at a 1:1 ratio on Polkadot. These assets can be used for all applications and parachains in the Polkadot ecosystem and they have no difference from Polkadot native assets, thus bringing higher liquidity to Polkadot DeFi.



3.3.2. X Cross-chain Relay

The X Protocol cross-chain bridge is based on a relay chain. Relay is the use of in-chain systems to access information on other chains. One of the common approaches is light client authentication.

Decentralized cross-chain protocols mostly use light clients.

A light client is a blockchain containing only a block header, and the size of the block header data is much smaller than the complete data information of the entire blockchain. As a result, users can interact with the blockchain in a secure and decentralized manner without having to synchronize the entire blockchain.

X Cross-chain Relay technology is a novel cross-chain authentication relay that successfully utilizes light clients and achieves cross-chain authentication while

reducing costs.

The Light client uses the Merkle Mountain Range (MMR) encryption algorithm, the Optimistic Whistleblower System (OWS), the Bridge miner Relayer incentive model, and other technologies to ensure the stable operation of the system.

3.3.3. MMR

X Protocol's use of MMR to verify any historical block with the latest block has the advantages of less storage, on-demand use and lower cost.

Merkle Mountain Range (MMR): MMR is a data structure that improves block validation efficiency. It implements the block header commitment where the root value of the MMR calculation of all the previous blocks in the history chain are contained. MMR is a variant of the Merkle Tree. This allows the X Protocol to validate any historical block header by identifying the latest block header. Therefore, compared with the blockchain using the traditional Merkle Tree, it can greatly reduce the network burden and improve the verification efficiency.

3.3.4. OWS

The Optimistic Whistleblower System (OWS): X Protocol light client makes it possible for the latest block to be verified by any historical block through MMR. To determine the correctness of the latest block, the X Protocol incentivizes the Relayers to move the blocks, and meanwhile, it makes Relayers restrict each other through the optimistic whistleblower system. Relayers need to stake tokens to qualify as miners, and a malicious act will result in them being reported and losing part of their staked tokens.

3.3.5. Relayer

X Protocol cross-chain bridge has bridge miner Relayers who can submit their observed block header to the light client, then they will receive sufficient financial incentives to ensure that the data in the light client is correct.

3.3.6. NFT Cross-chain

By setting up mapping adapters, NFT generated by other protocols can be mapped to the X Protocol. Compared with similar bridges that require collateral, X Protocol's heterogeneous chain bridge does not require collateral, so it supports small and micro high-frequency transactions like NFT transfers. As a result, the X Protocol provides a critical infrastructure for the development of NFT.

4. X Application

4.1. Fundamental Application-X Cross Bridge

The importance of cross-chain infrastructure to the DeFi ecosystem is self-evident.

It can increase the liquidity of digital assets, thereby strongly promoting users' pursuit of value. The X Protocol cross-chain bridge enables assets such as BTC, which do not have DeFi applications on the native chain, to enter Ethereum and other public chains in a faster and more convenient way to participate in DeFi.

As a main component, the X Protocol cross-chain bridge can be provided to partner projects and public chains, enabling multi-chain asset transfers to improve DeFi total value locked (TVL) and transaction volume.

In this way, users can easily benefit from cross-chain participation in DeFi projects in other public chain ecosystems.

As a result, X Protocol cross-chain bridge acts as the "bond" in bridging public chains like Polkadot, Ethereum and others.

4.2. Large Application Cluster-X Predict Market

4.2.1. Overview

Prediction market is a huge event market, people can use the outcome of future events to make prediction trading. Another key value of the Prediction market is its ability to gather the predictions of all participants in the market to build a signaling tool that predicts the high probability outcome of events.

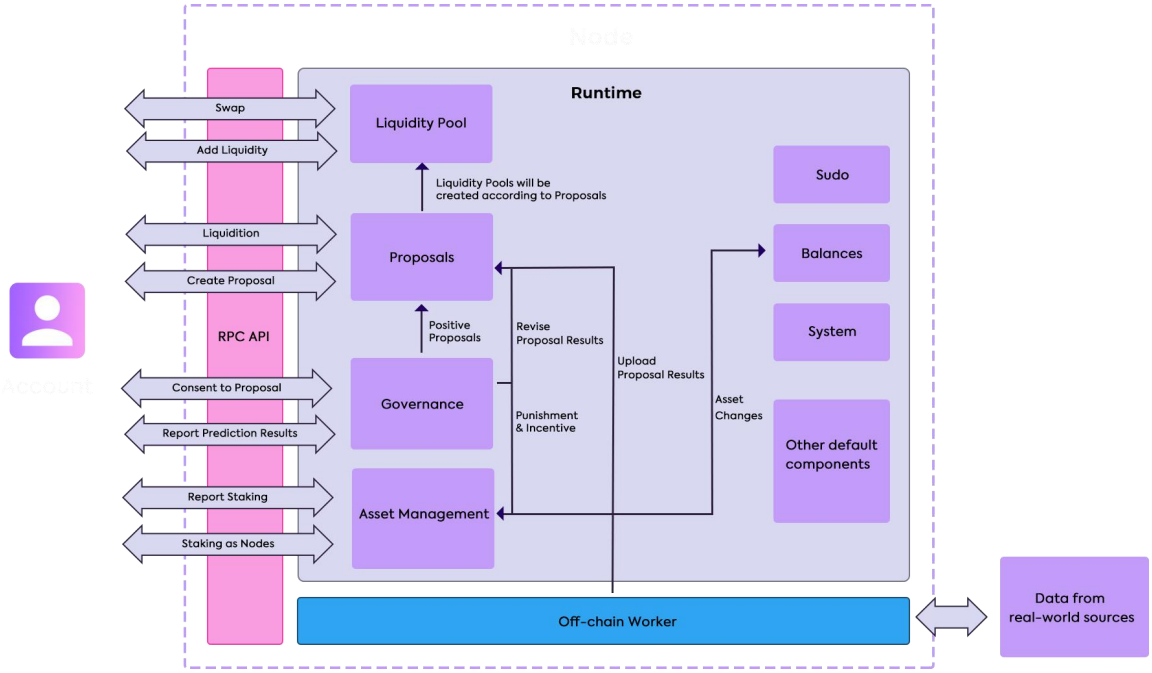
More liquidity means more users and more accurate predictions.

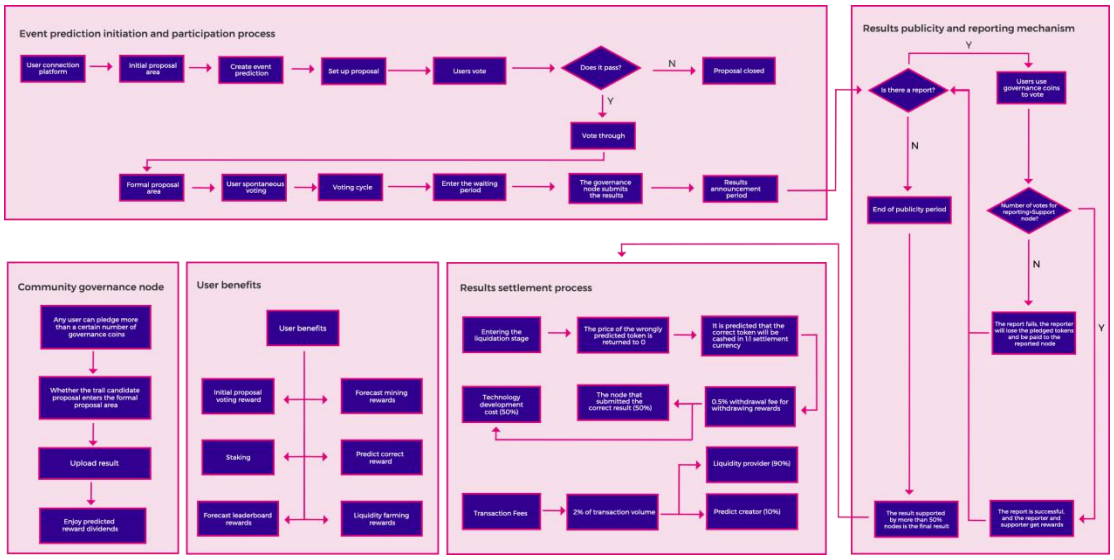
To this end, X Protocol has launched X Predict Market, a user-friendly, decentralized, and cross-chain prediction market platform with automated market making by a new type of Fixed Product Automated Market Maker (FPMM).

As a result, X Protocol has been able to partner with some outstanding public chains and conduct cross-chain deployment, enabling X Predict Market to seamlessly connect with other public chains for liquidity growth. The importance of cross-chain infrastructure to the DeFi ecosystem is self-evident.

4.2.2. Initiation and Participation Process of Prediction Events:

- Initial Prediction Proposal
- Formal Prediction Voting
- FPMM Liquidity Transaction
- End of Prediction
- Prediction Results uploading to chain
- Results Announcement
- Proposal Settlement





4.2.3. FPMM Process Description of Prediction Transaction

If the user makes a prediction, a certain number of settlement tokens are required in the wallet, which are then used for transactions to obtain the prediction tokens. During the prediction period, users are free to sell prediction tokens to take profits or stop losses in a timely manner. When the prediction result is officially announced, the prediction tokens that represent the correct prediction will be exchanged for settlement tokens at a ratio of 1:1. On the contrary, those tokens that fail the prediction will lose value.

Here is an example to illustrate the process of FPMM:

User JACK made a prediction proposal successfully and the prediction X1 was created in the formal prediction area. Jack deposited 1000 USDC as the initial liquidity of this prediction, and the probabilities of the binomial results are both set to 50%;

The market automatically converts 1000 USDC into 1000 X1-YES tokens and 1000 X1-NO tokens.

3.JACK received 1000 liquidity certificates X1-LP exclusively for the prediction market.

4.Another user, Tom, spends 100 USDC buying X1-YES tokens from the market.

First of all, assuming the transaction fee is 2%, then 2 USDC is deposited as the transaction fee.

Then the other 98 USDC will be converted into 98 X1-YES tokens and 98 X1-NO tokens.

98 X1-YES tokens will be given to Tom because he chose YES, and the remaining 98 X1-NO tokens will enter the market circulation. There will be 1098 X1-NO tokens in the market. In the absence of new or reduced liquidity, the product of the number of X1-YES and X1-NO tokens remains a fixed value because of the automatic market-making mechanism of FPMM.

Therefore, the amount of X1-YES tokens in the market will change to 1000*1000/1098≈910.7, which is 89.3 less than the original, and these 89.3 X1-YES tokens will also be given to Tom. Therefore, the total number of X1-YES tokens obtained by Tom is: 98+89.3=187.3.

5.When JACK retrieves liquidity using LP, he will retrieve 910.7 USDC and 187.3 X1-NO tokens. If the final prediction result is NO, 187.3 X1-NO can be exchanged for 187.3 USDC, and JACK will receive 1098 USDC. Otherwise, JACK will only have 910.7 USDC left. The ultimate profit of providing liquidity in FPMM is related to the outcome, but if the transaction volume is large enough, the transaction fee received by the liquidity provider will far outweigh the outcome-related profit. 90% of the transaction fee will go to the liquidity provider, and 10% to the prediction proposal maker. Since JACK is both the proposal maker and the only liquidity provider, he will get the full transaction fee of 2 USDC. When there are multiple liquidity providers, the transaction fee is divided proportionally according to the number of LPs they hold. Part of the fee is allocated to the proposal maker to encourage users to discover interesting prediction proposals and bring them to other users. The larger the pie, the more the liquidity provider will gain, so this is a total win-win mechanism.

Assuming that the final prediction result is YES, which means Tom made a successful prediction. When he converts X1-YES to USDC, the platform will charge a 0.5% withdrawal fee: 187.3*0.5%=0.9365 USDC, of which 50% will be allocated to the correct prediction nodes, 50% is used to cover the technology development cost of the platform.

4.3. NFT

4.3.1. X-NFT

Another feature of X Predict Market is that users can directly create and participate in predictions and obtain corresponding NFT for their involvement.

Three Values of X-NFT

(1) Economic Value

NFT has fundamental value. The ownership of the proposal will form an NFT, which is a financial warrant that can be traded in the NFT secondary market:

It is required to stake a certain amount of POT to create prediction proposals. The rights and interests for staking POT will also be transferred to the new owner along with the NFT trade;

- The owner of the NFT enjoys the creator's interest and receives 10% of the transaction fee for the prediction topic without risk, while the remaining 90% is received by the liquidity provider.
- The NFT also has the potential to appreciate in the secondary market due to the continued risk-free return of owning it;
- Prediction NFT, created by KOL/star, will attract fans' attention and participation through his or her social influence. They can also auction the ownership. For ordinary users, they can also create attractive, controversial, and interesting predictions to attract users' attention, and then enjoy the transaction fee sharing or auction their ownership NFT directly;NFT owners need to actively call on other users in the community to join and get more attention through community growth.

This naturally leads to more popularity in X-Metaverse.

(2) Artistic Value

X Predict Market will invite well-known crypto artists & traditional artists to create different Cyber Art for NFT generated from hot prediction proposal.

Any user can create and upload Cyber Art for any prediction project. After being approved by DAO voting, the Cyber Art uploaded by ordinary users will become an attribute of NFT.

(3) Irreplaceable

NFT itself is an indivisible and non-replicable block data.

X Predict Market can launch predictions for big historical events, such as:

- Who will win the next US presidential election?
- Which team will win the 2021 NBA playoffs?
- How many points can James score in his final game?

Explore events with the collective subconsciousness and commemorative value of hundreds of millions of people. Events combined with cyber art made by crypto artists will be more valuable.

4.3.2. Other Applications of NFT

The X Protocol will set up different functions around NFT. In addition to X-NFT and NFT Marketplace, there will be other functions in the future such as mint NFT, trading, auction, fragmentation, collateral lending, etc.

4.4. Decentralized Identity

4.4.1. Create a Decentralized Identity

X Protocol will provide the function to create a decentralized identity that will help users maintain a unified identity when using services in various scenarios in the X Metaverse, and the decentralized identity will be designed to be carried by a proprietary NFT.

4.4.2. Virtual Image

X Protocol will create avatars for users' decentralized identity. The avatar can not only be used as a social profile, but also be dressed in other clothes NFT in the future, adding more fun to participate in different application scenes in the X Metaverse. Some apparel NFT will even have special effects that have a bonus on user participation in the application.

4.5. Social Contact

X Protocol will provide a multi-function social tool, it will include social system, X community, tipping, fundraising and so on.

4.5.1. Social System

The X Protocol allows users to add friends, send private messages, and see each other's public messages on blogs and forums. Of course, users can also set up private posts, so that even friends can't see the author's identity.

4.5.2. X Community

X community can be divided into a home page and many communities with different themes.

Users can choose to join a community with the topic they are interested in and then post their content that other users can score, vote, and reply to. Those with outstanding scores will be put on the home page. This will result in an online community.

4.5.3. Tipping

Users can tip the author of the posts they agree with in the X community, using POT or other TOKEN that users acknowledge.

4.5.4. Fundraising

Users can initiate a fundraise, and describe what they want to do, whether it's writing an article, painting a picture, or doing something else, like launching a new project. It's even better if users can provide relevant documents. Supporters can donate money up front to the user, and then, after completion, the user can give back to the supporter based on pre-set incentives.

4.5.5. Other Infrastructure and land built based on X Meta-Protocol

In the early stage of the X Protocol Metaverse, we will also build necessary infrastructure on the Metaverse land in addition to X Predict Market, ,such as an

Acceptance center (bank), a NFT Marketplace (auction house), revenue aggregator (DeFi yield farming) and so on, products that are featured with the cross-chain functionality.

The infrastructure will occupy a portion of the X Protocol Metaverse's land, and other lands will be open to bidding at the auction house for all users.

5. Token

The native token of X Protocol is POT, and the total number of tokens issued is 21 million.

POT is the basic token for the X-metaverse and can be used in various X-metaverse scenarios, such as a settlement token in X Predict Market, or tipping and crowd funding in the community etc.

POT is also a governance token of X-metaverse, and governance interests include use in initial proposals voting, determining results and more in the X Predict Market.

POT is also used to motivate users to participate in activities in the X-metaverse, such as staking, etc.

The Distribution of POT:

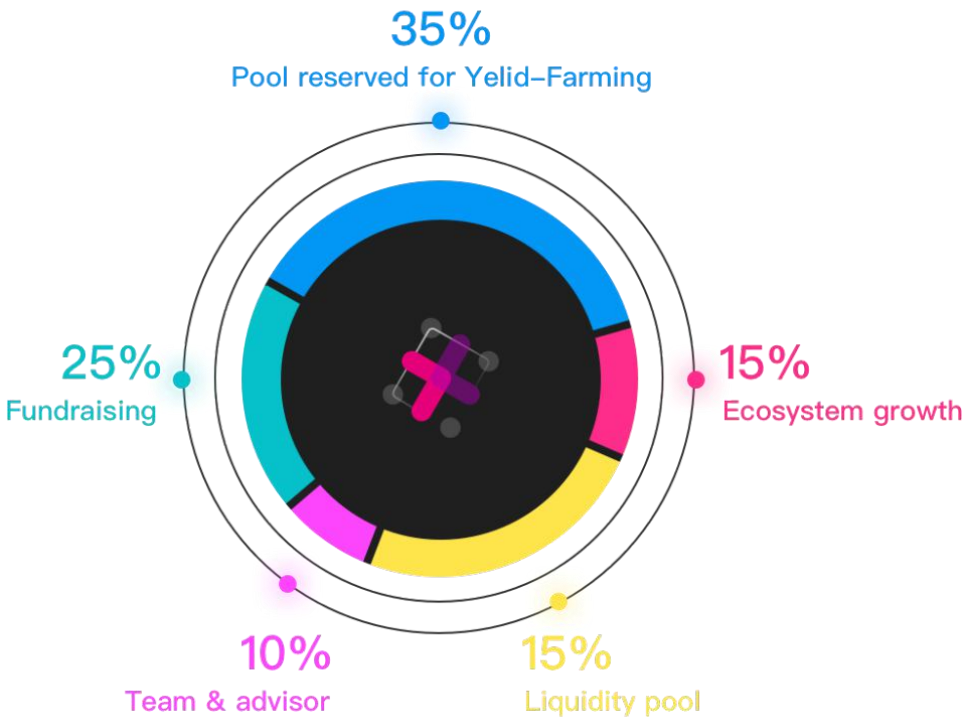
Ecosystem Development: 15% of the total circulation; For marketing, cooperation, and exchange listing. Linear unlocking within 3 years, unlocking every three months.

Team & Advisor: 10% of the total circulation. 6 months lock up after TGE, and then linear unlocking within 3 years, unlocking every month.

Liquidity Pool: 15% of total circulation for liquidity funding of Uniswap and other exchanges, with a three-year linear unlock.

Pool reserved for yield farming: 35% of the total circulation. For network incentive after the main network launch.

Fundraising: 25% of the total circulation. Unlock according to investment terms.


35%
Pool reserved for Yelid-Farming
25%
Fundraising
15%
Ecosystem growth
10%
Team & advisor
15%
Liquidity pool

6. Governance

Governance is the cornerstone of X Protocol. It is a means to create a truly decentralized Metaverse. Token holders are allowed to vote, including but not limited to platform development governance, basic application governance voting, etc.

The purpose of the governance system is to prevent the results from being manipulated, and to promote the development and renewal of the platform through community decision-making.

6.1. Platform Development and Governance System

Decentralized governance will be developed in X Protocol. For example, in the X Predict Market, during the results announcement period, users can stake POT to initiate a report. When the report staking number reaches the threshold, the report is successfully initiated. The final result will be determined by a round of referendums conducted by the entire network. If the report is successful, and as punishment, the staked tokens of the malicious node that uploaded the wrong result during the result uploading period of the previous stage will be used to reward reporters and users who support the final correct results in a certain proportion.

6.2. Whistleblower and Referendum System

Proposals for the future development of X Protocol can be initiated by users and voted on by other users using governance tokens. When more than 50% of the votes are in favor, it will be refined and implemented by the developer team, and the results will be periodically delivered and updated.

6.3. Voting Restrictions

Regardless of the form of governance proposal, the basic premise requires an affirmative vote of more than 50%, and the number of votes needs to be greater than a certain base. This base will be updated periodically as the user scale expands and will be governed by community users to vote together.

7. Metaverse Foundation

The X Protocol will establish a Metaverse foundation that focuses on providing funds and other support for projects in the X Protocol ecosystem. X Protocol will become an open-source project that welcome all kinds of collaborating projects, whether they are public projects such as infrastructure, research, and development tools, etc., or application projects such as DEFI, GAMEFI, etc. All are welcome to join X Protocol to enrich the ecosystem.

8. Risk of Use & Prevent Malicious Users

8.1. Address Blacklist

If any immoral and criminal users are found to use the platform maliciously, the community can vote through governance to blacklist them.

8.2. Possible loss of participation in App

Participating in different applications may cause losses in trading due to price fluctuations, and suffer impermanent losses in liquidity provision, etc., which will be borne by users themselves.

8.3. Audit

To ensure the security of the platform, X Protocol will take the following measures to ensure the maximum protocol security:

a. Conduct code detection in the test-net by professional testers
b. Launch Bug Search Activity to reward users and hackers who find bugs
c. Seek a code audit by a professional audit company

8.4. Risk

Polkadot-based substrate framework building is a novel attempt, and multi-chain deployments are planned in the future, which does not rule out system level bugs in the code framework or in the public chain. However, X Predict Market developers will try their best to ensure that the project runs correctly and smoothly.

X Protocol is an experimental project to explore the Metaverse. Don't store funds that you can't afford to lose.

When users operate, there is a risk of losing fund due to errors encountered in the browser or computer or hacked attacks.

8.5. Tax Disclaimer

X Protocol cannot provide tax or accounting consulting and related services. For any law or tax matters, we recommend consulting your own lawyer.

9. Roadmap

Q1 2021:

- Research and early accumulation of Polkadot/substrate and other technologies
- Architecture of X Protocol
- Plan the product prototype and business logic for X Predict Market
- UI design of X Predict Market

Q2 2021:

- Development, testing and launch of X Predict Market's MVP version on Polkadot test-net.
- Building of TG community, Twitter, and other social media
- Start of prediction activities
- Development of X Protocol's underlying technology, such as cross-chain bridge protocol

Q3 2021:

- X Protocol SRC Hack Challenge
- Testing and launch of X Protocol cross-chain bridge
- Development and test of X Predict Market DAO governance
- Design and development of X Metaverse Demo

Q4 2021:

- Optimization of user experience such as UI and adaptation in X Predict Market
- Development of Solidity version
- Multichain deployment, such as BSC, polygon, etc.
- Product prototype and business logic plan for the NFT section of X Protocol
- Testing and launching of X Protocol metaverse demo
- Solidity version of X Predict Market, multi chain deployment on BSC, Polygon, OKchain and HECO
- Optimization of user experience such as UI and adaptation in X Predict Market

- X Predict Market E-sport prediction series
- Launch of X Predict Market DAO governance module
- Launch and internal test of X Metaverse demo version
- IDO
- Promotion activities such as AMA

Q1 2022:

- The airdrop, AMA and other functions in X metaverse will be open to other crypto project. Those who pass the application will be scheduled for activities.
- Research and development of X Metaverse's land system
- Research and development of X Metaverse's NFT system
- Incentive activity such as staking
- Research and development of X Metaverse's access for DAPP on heterogeneous chains
- Upgrade of X Cross Chain bridge to support more public chain asset
- Support multi chain asset to X Predict Market for farm

Q2 2022:

- Launch and iteration of Land system
- Launch and iteration of NFT system
- Further open access to DAPP on Polkadot and Solana ecology
- Further public chain deployment
- Optimization of the UI/UX and operating experience of X Metaverse
- Development of new scenes of the X Metaverse and the update of new gameplay

Q3 2022:

- Research and development of DAO governance module of X Protocol
- Test and launch of DAO governance module
- Research and development preparation of DID combined with WEB3.0

- Research and development preparation of Social Fi

Q4 2022:

- Planning and development of X Protocol's social section
- Planning and development of X Protocol's DID section
- Recruiting KOLs to enter X Protocol for internal testing of DID and social sector
- Planning and development of SocialFi based incentive activities

10. Team

CTO: CY Yep

Former founding developer and architect of multiple game project teams at Tencent, and has extensive network security defense experience, currently based in Hong Kong.

Senior RUST developer: Peter Rusk

7 years of experience in large-scale project development, 2 years of research on RUST language, permanent guest of Parity substrate code sharing activity, long term based in Canada.

CMO: Jessie Chua

Extensive experience in the Banking and Fintech industry, and joined X Protocol as CMO this summer. Currently working in a distributed office in Singapore.

Strategic advisor: Shawn Lau

MBA from Cornell University, PhD in Mechanical Engineering from Nanyang Technological University, based in Singapore.