Poter White Paper

Summary

Today's online world has moved from Web 2.0 to Web 3.0 era gradually. The advantages of Web 3.0 technology based on block-chain is changing our world. The popularity of block-chain technology has made us realize that everything we do now can be recorded and preserved forever. This provides us with a great opportunity to explore and rethink the way how data is stored, transmitted, and shared. Against this backdrop, our team created a Web 3.0 technical tool——Poter. Poter supports Android, iOS,Windows,Linux, Mac system, and it is compatible with Web 2.0 data BT, magnet link, HTTP etc data download, and has IPFS Upload, download and block-chain storage functions. At the same time, our ultimate goal is to make the data uploaded by individual users become NFT value assets and allow users to gain benefits while distributing shared personal data assets. Make data sharing more valuable.

Advantages and Features of Poter

Poter is a data storage and sharing platform based on Web 3.0 technology, which has the following advantages and features:

- **Decentralized**: Poter adopts a decentralized design, so that the user's data is no longer restricted and controlled by the traditional centralized storage platform, and the user's data autonomy and privacy are guaranteed. Users can freely choose the location and method of data storage without worrying about data being peeped or misused by the third party.
- **Safe and reliable**: Poter uses a self-developed encryption algorithm to encrypt and fragment user data, making the storage of user data more secure, reliable and efficient. At the same time, Poter uses block-chain technology to ensure the security of data transmission, so that users do not have to worry about data being stolen or tampered with. Poter also adopts the proof-of-stake (PoS) consensus mechanism, which improves the security and stability of the network.
- **Efficient and fast**: Poter has an efficient and fast download function, because it can use multiple nodes to download the same data, thereby increasing the download speed and avoiding the bandwidth bottleneck problem of traditional centralized storage platforms. At the same time, based on the block-chain technology of Web 3.0, Poter comes with a global accelerated CDN function, which makes data sharing and searching more convenient. Poter also supports resumable uploads, multi-threaded downloads and other functions, which improves the user's download experience.
- **Compatible and diverse**: Poter is compatible with various operating systems and data formats, supports BT, magnet link, HTTP and other data downloads of Web 2.0 data, and supports IPFS and block-chain storage of Web 3.0 data. Meanwhile, Poter supports the Web 2.0 data download protocol, which can easily convert existing

network resources into Poter assets. Users can browse, search, and download various types of data resources on the Poter platform without installing other software or plug-ins.

- **NFT assetization**: Poter's goal is to turn the data uploaded by individual users into NFT assets, which means that users can gain benefits by uploading their own data, thus realizing the value of data. Users can trade, auction, borrow ect NFT assets on the Poter platform, and enjoy the benefits of data sharing. Poter also provides a social network based on data sharing, allowing users to discover, follow, comment and like, etc on Poter, which helps to increase user interaction and stickiness.
- **Lightweight App**: Poter provides a lightweight app that allows users to use various services of Poter on different devices. Poter's app is very lightweight and does not consume too much device resources, ensuring a smooth user experience. Poter's app also has a beautiful UI with concise features that allow users to easily manage their data assets.

Poter's Core Technology Introduction

1. Self-developed Web3 Search algorithm

Poter is a data storage and sharing platform based on Web 3.0 technology, and it has a self-developed block-chain Web 3.0 search engine. Block-chain Web 3.0 search technology is a brand-new web search method based on decentralization, encrypted

currency and non-homogeneous tokens. It can not only protect user privacy and data security, improve search efficiency and quality, promote network innovation and diversity, but also realize the integration of semantic web and artificial intelligence, the expansion of 3D and virtualization, and other ubiquitous and seamless integration of the multi-advantages and future development directions:

- **Protect user privacy and data security**: Block-chain Web 3.0 search technology does not require users to provide any personal information, nor will it collect and analyze users' search history and behavior. Users can conduct anonymous payments and transactions through cryptocurrencies without interference and censorship by third parties. Block-chain Web 3.0 search technology also uses advanced encryption algorithms and distributed storage technology to encrypt and back up user data to prevent data from being stolen or lost.
- **Improve search efficiency and quality**: Block-chain Web 3.0 search technology utilizes the characteristics of distributed computing and smart contracts to achieve fast, accurate and credible search results. Users can motivate and reward high-quality content providers through non-homogeneous tokens, forming a benign network ecology. It also supports a variety of search methods, such as keyword search, voice search, image search, etc., to meet the different needs of users.
- **Promote Innovation and Diversity in the Network**: Block-chain Web 3.0 search technology supports various emerging network applications, such as NFT, DAO, DeFi, etc. Users can express their creativity, participate in community governance, and enjoy financial services through these applications. Block-chain Web 3.0 search

technology also encourages collaboration and interaction among users, increasing the vitality and richness of the network. Block-chain Web 3.0 search technology also supports multiple languages and cultures, enabling cross-regional and cross-cultural search services.

- **Realize the Convergence of Semantic Web and Artificial Intelligence**: Block-chain Web 3.0 search technology will use the concept of semantic web to represent and link data and concepts on the network in a structured and standardized way, thereby improving the intelligence and accuracy of search. At the same time, it will also learn from artificial intelligence technologies, such as natural language processing, machine learning, knowledge graphs, etc., to achieve deeper and broader search functions. Block-chain Web 3.0 search technology will also use technologies such as big data analysis and machine learning to make personalized recommendations and optimizations for users' search behavior.
- **Realize the Expansion of 3D and Virtualization**: Block-chain Web 3.0 search technology will combine 3D technology and virtual reality technology to transform the web into a series of 3D spaces, providing a more immersive and realistic search experience. Users can explore and perceive various information and resources on the network through virtual devices, such as head-mounted displays, gloves, shoes, etc. It will also support virtual scenes such as multi-person online collaboration, games, and social interaction, and enhance communication and interaction between users.
- **Integration for Ubiquity and Seamless Integration**: Block-chain Web 3.0 search technology will use technologies such as the Internet of Things, 5G, 6G, etc. to expand

the network to various devices, scenarios and fields, and realize ubiquitous and seamless network access. Users can use various smart devices, such as mobile phones, tablets, smart glasses, smart watches, etc., to search and interact anytime, anywhere.It will also support a variety of communication protocols, data formats, encoding methods, etc., to achieve cross-platform, cross-device, and cross-application search services.

2. IPFS storage method and asset NFT

Poter is a data storage and sharing platform based on Web 3.0 technology, and it has a self-developed block-chain Web 3.0 search engine. Block-chain Web 3.0 search technology is a brand-new web search method based on decentralization, encrypted currency and non-homogeneous tokens. It can not only protect user privacy and data security, improve search efficiency and quality, promote network innovation and diversity, but also realize the integration of semantic web and artificial intelligence, the expansion of 3D and virtualization, and other ubiquitous and seamless integration of the multi-advantages and future development directions:

- **Poter's Distributed Storage Technology**: Poter adopts the IPFS (InterPlanetary File System) protocol as the core of its distributed storage technology, which realizes the characteristics of high reliability, decentralization, and anti-tampering. IPFS is a point-to-point hypermedia protocol that can make the Internet faster, safer,

and more open. The working principle of IPFS is to hash the content of the file to generate a unique hash value as the content address (CID) of the file. Users can access files through CID without relying on centralized servers or domain names. IPFS can also divide files into multiple small blocks and store them distributed on other computers to form a decentralized network. Users can obtain files from the nearest node without downloading from remote servers, which improves data availability and efficiency. IPFS can also dynamically adjust the storage location and number of copies of files according to network conditions and user needs, realizing self-organization and optimization of data. Poter also supports storing uploaded files on the block-chain, which can ensure that data will not be tampered with or lost.

- **Poter's NFT Capitalization Technology**: Poter supports converting uploaded files into NFT assets and binding them to files, realizing the assetization and value of data. NFT asset is a non-homogeneous token based on block-chain technology, which has the characteristics of uniqueness, scarcity, and verifiability. Users can set the property, price, copyright and other information of the asset while uploading the file, and perform asset lease, transaction and transfer on the block-chain. This provides users with a new source of income and value creation. Poter also supports various types of NFT assets, such as pictures, audio, video, documents, etc., and provides corresponding search, display, playback and other functions.

Poter's Market Outlook and Competitive Advantages

Poter is a data storage and sharing platform based on Web 3.0 technology, and it has a self-developed block-chain Web 3.0 search engine. Not only does Poter provide a more stable and faster upload/download experience, but also at the same time it can realize member's profitability without speed limits, which is a huge advantage. Poter is backward compatible with Web 2.0 download protocols such as BT, Magneto, HTTP, and FTP, and can basically eliminate most download acceleration software on the market. This makes Poter one of the most popular download tools. With the advent of the digital information age, the demand for downloads is getting higher and higher. Poter can meet users' upload/download needs for various types of resources, so it has a broad market prospect.

Poter adopts decentralized storage and smart contract technology, which can protect user privacy and data security, improve data upload and download efficiency, and provide a variety of exchange and sharing methods, which are more suitable for user needs. Ordinary users can also create their own NFT assets to share, rent, and sell NFT assets to achieve the purpose of earning income. These advantages allow Poter to occupy a strong position in the market and are favored by more and more users.

Poter also has the following competitive advantages:

- **Free Download Mode to Acquire Customers, Platform Development Mode to grow**: Poter has no speed limit, the upload/download speed experience can be

maximized, and it supports multiple download protocols of Web 2.0. Users can enjoy Poter's services for free, and can also get rewards by participating in platform construction and contributing resources. Poter promotes the development and growth of the platform through incentive mechanisms and community governance. Poter also supports user-defined search engine and storage space, improving user participation and satisfaction.

- **Adopt self-developed encryption technology and decentralized transaction mode to ensure user transaction data security and privacy protection**: Poter adopts self-developed encryption technology to ensure the security and privacy protection of users' transaction data. With a decentralized transaction model, users can conduct transactions directly without trusting intermediaries. Poter provides sufficient liquidity and a low transaction fee model to provide users with a low-cost digital asset transaction experience. Users can deposit digital assets into the trading platform through any wallet application, and only need to enter the corresponding information to complete the transaction. All transaction information of Poter will be disclosed on the block-chain, and users can trace their own transaction records at any time to ensure the transparency of transactions.
- **Self-developed search algorithm and free IPFS storage, based on that,other business branche can be digged into deeply** : Poter has a self-developed blockchain Web 3.0 search engine, which can provide users with efficient, accurate and

diversified search services. Poter also supports free IPFS storage. Users can choose the storage location and the number of copies according to their own needs, and enjoy the high reliability, decentralization, and tamper-proof features of IPFS. On this basis, Poter can also dig into other business branches, such as: cloud notes, technical forum sites, etc. Poter also plans to launch the Poter AI function, using artificial intelligence technology to provide users with smarter, more personalized, and more convenient search and storage services.

Poter's Token Economy

Total circulation 400 million

200 million pre-sale, expected to raise 400BNB.

The purchase limit is 0.2-2BNB, which will be released linearly in 12 phases. 70% of the pre-sale amount is used to increase liquidity, and 30% is used for the early team building of the project party.

100 million to add liquidity.

0.2 million is used for airdrop reward the application testing and promotion.

0.2 million is for the project party to reserves 24 months for linear release.

0.3 million is for the access to third-party storage data.

0.3 million is for the later listed exchanges.

2.5% tax on token sales, 1% is for development, 1% is for marketing funds, and 0.5% is for base price support.

The project party will continue to repurchase and destroy 100 million tokens in the later stage, and the market will circulate 300 million tokens that were initially pre-sold and added liquidity.