



BigWin

BigWin is an open-source no-loss lottery playground combining DeFi and NFT.

Whitepaper

V2.0.0

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1. Why BigWin?

a) Background

DeFi, reframing the traditional finance on the blockchain, constructs a brand-new model of the industry: DeFi, short for decentralized finance, is a financial product and system open to everyone. It does not rely on central financial intermediaries such as banks or brokerages, but can be obtained from a public decentralized blockchain network. DeFi has great market potential in applications, divided into lending, DEX, derivatives, and so on. DeFi grows explosively in 2021, with a \$ 100 billion total value locked by May, according to DeFiPulse. This is nearly four times higher than \$ 158.11 at the beginning of 2021 and nearly 115 times higher compared with \$ 677 million at the beginning of 2020. DeFi has many features like decentralization, anti-censorship, composability, etc., helping construct the new financial ecology to bring more possibilities for the financial system.

BigWin's Vision: BigWin is committed to creating an interesting Lego-like lottery playground with DeFi existing components. Meanwhile, we turn BigWin into a new component of DeFi, empowering our users to bring out their creativity. With great inventiveness, the users can discover more high-quality DeFi projects, create and release more interesting lottery pools. We would like to build a decentralized community for DeFi enthusiasts to communicate and interact, achieving user-driven and decentralized governance. We would like to bring more people into the DeFi world with the help of DeFi enthusiasts, conveying the DeFi spirit of open-source, transparency, and openness to a larger group of people.

b) BigWin Team

We are a DeFi team consisting of developers, Internet operation enthusiasts, serial entrepreneurs, scholars, and enterprise experts. Our core team of 5 members has cooperated for 7 - 8 years in different types of projects, such as financial technology, e-commerce, mobile applications, big data, blockchain, etc. We keep exploring and innovating in the mind of opening, learning, and sharing all the time, bringing better experiences for lazy men, helping beginners try new products, and accept new things.

Since 2010, our team has begun to enter the traditional fintech business, involving trading, credit, payment, and risk control systems. In 2017, we officially entered the world of blockchain and invested in mining machines, and developed a quantitative trading system and a market analysis App. From 2020, we began to research DeFi projects and participated in the research, analysis, and investment. We started with two people as pioneers to learn and practice. After getting started in the DeFi world, our team was excited to see that the entire DeFi field is still in the initial phase. Its user volume, compared with the number of billions in traditional finance, DeFi is undergoing a huge bonus period with millions of users, and there is plenty of room to grow. We also found the interesting part of DeFi, seeing that there is still much to improve in the product experience. More to the point, DeFi's high threshold and non-user-friendly operation experience are exactly the problems we are good at tackling.

c) Why Lottery ?

BigWin is a DeFi + Fun project, mainly for solving the problem of low user acceptance in DeFi. We have several directions: interesting, comprehensive, and high-efficiency. We chose interesting as our flagship, trying to bring more beginners into the DeFi world.

d) Our Vision

BigWin is committed to creating an interesting Lego-like lottery playground with existing DeFi components. We also aim to turn BigWin into a new DeFi component, empowering our users to bring out their creativity. With great inventiveness, the users can discover more high-quality DeFi projects, and create more interesting lottery pools. Our goal is to build a decentralized community for DeFi enthusiasts to communicate, achieving user-driven and decentralized governance. We would like to bring more people into the DeFi world with the help of DeFi enthusiasts, conveying the DeFi spirit of open-source, transparency, and openness to a larger group of people.

BigWin turns saving money into a game that gives a potentially huge upside and minimal downside.

Helps people make the most out of crypto in three ways: Save, Earn and Win. Helps developers to bring prized linked savings games and introduce an entirely new, open-source, permissionless, and transparent financial service ecosystem to their users.

2.BigWin Protocol Concept

a) Protocol Principles

- **No Loss**

Traditional prize draws require all participants to pay in exchange for drawing qualifications. If they do not win the prize draw, all assets will be lost. This kind of prize draw has such huge costs. BigWin's no-loss prize games are pools of funds whose accrued interest is distributed as prizes. Every fund goes to the third-party decentralized finance(DeFi) platform on-chain. All prize games can be withdrawn at any time. In a word, users will not take any risk of losing their principles, and the only thing to pay is your time to participate in the prize draw. Truly no loss.

- **Playable**

BigWin provides a variety of fun and interesting games: lotteries, contests, giveaways, raffles. Anyone can build up a game and have fun with friends, family or other people who would like to join. In the future, BigWin satisfies even the most demanding tastes with its customizable design mechanism, trustless on-chain Random Number Generator, and many types of games. Not only for individuals, as project holders and operators from the community can start a platform with entertainment.

- **Security**

Security of assets is the foundation of any gameplay, and BigWin adopts smart contracts as the only way to manage assets. The digital assets that were used to participate in the prize draw are recorded in the smart contract. The ownership of digital assets in the smart contract always belongs to the user and cannot be changed. Only the users can transfer their assets. In any case, users can retrieve their funds at any time, ensuring their control over their assets.

- **Fairness**

Fairness is crucial to a prize drawing game.

First, the bonus of BigWin comes from the interest generated by users' assets, so the user's probability of winning is directly proportional to users' staked assets. All prize games created by the protocol use a fair prize distribution according to a prize strategy that is transparent and open to everyone.

In addition, interest grows over time, so it is also necessary to measure how long users retain assets. **The minimum initial staking period is 7 days. The withdrawal fee for less than 1 day is 0.7%, and the fee decreases as time goes by until it becomes 0 after 7 days.** All the withdrawal fees are used as a bonus. With this mechanism, we can effectively prevent profiteering like depositing a large number of funds before the draw to increase the winning rate and immediately withdrawing them once the draw is over.

- **Multiple Cross-Chain**

Cross-chain is a technology that allows for interoperability and scalability. By offering a platform that lets various blockchains interact with one another, cross-chain allows us to break barriers. BigWin allows BWIN tokens to be applied to use on different platforms, users can enjoy more convenience, lower gas fees from most of the popular smart chains.

b) Product Description

- **Protocol**

BigWin consists of a series of decentralized protocols running on the blockchain.

- **Prize Pool Protocol**

This protocol supports the community to create prize pools, set prize distribution strategies, set prize sources (interest generated by depositing funds on a third-party decentralized platform is used as a bonus), set the draw cycle, loot boxes, etc. All prize pools created by this protocol have the same key characteristics as follows:

- No loss of principal deposited.
- Exit and withdraw deposits at any time.
- Distribute prizes according to prize strategy.
- Support a wide variety of crypto assets.
- Create NFT and provide it with liquidity application scenarios (latter version).

- **BWIN Token Issuance Protocol**

To encourage users to participate in the prize draw, BWIN tokens will be issued according to the issuance rate and decay rate specified by the economic model. For a detailed economic model, please refer to the chapter "Economic Model".

- **Products**

- **BigWin Pools: Support a wide variety of crypto assets.**

Support more kinds of crypto assets: By introducing more kinds of crypto assets, BigWin does not need to hold StableCoins and major coins to participate. We will focus on building a more flexible infrastructure to meet the need of building lottery pools and upgrade our contracts quickly. The flexible pool configuration mode also speeds up our launch and support for new tokens. At present, we can complete the release of a new pool in one week, which many DeFi projects cannot achieve.

- **BigWin Vault: Introduce lottery vault to get higher yields.**

Gather the funds and automatically select the vault to get higher yields: if we know enough about the platforms' rules and have enough funds and time, we can surely choose to do it ourselves. But for most people, manually participating in individual products and comparing the various rules of the product, you may finally watch the opportunity slipping away and end up as also-rans. As a result, we've provided another choice: BigWin lottery vault. BigWin lottery vault helps us find and switch to the best pools instantly, participating in the lottery to get a higher winning rate and rewards. For example, BigWin users join the USDT pool on BigWin, and BigWin will then select the pool with a higher winning rate by evaluating the weight, the amount of prize money, and the ROI of the time invested. To solve the existing problems of low winning rates and high gas fees faced by beginning retail investors.

- **BigWin LEGO: Make BigWin a part of the DeFi infrastructure.**

An open-source and embeddable BigWin LEGO: BigWin' s no-loss lottery started with DeFi's Lego infrastructure service. We also hope to be an integral part of DeFi's infrastructure, even the basic service for traditional internet developers to reach out to and lead their users into DeFi's world. We will open up BigWin, as well as the innovative ideas generated in the BigWin community, and contribute back to our community. BigWin Protocol attracts active users and excellent developers to build a new DeFi+NFT economic ecology through its incentive mechanism. Users or developers can customize the front-end experience by simply pool configuration, reward strategy, revenue source, communication form, and other components, to participate through playing. People who want to have their DeFi project can start from BigWin. This way to start is more operational and interesting than any study case. The point is to allow more people to participate in a project which they know and trust.

A bridge between Web 2,0 and Web. 3.0: We will also develop a sharing plug-in supporting one-click sharing to social networks in Web 2.0. Users can also directly participate in the lottery pool on social network pages. BigWin hopes to realize the replacement of the old value by new on the Internet interestingly and understandably, helping more beginners come into the DeFi world.

- **BigWin NFT: Create NFT and provide it with liquidity application scenarios.**

Introduce NFT to give extra investment value to tickets: Like most DeFi projects, the traditional no-loss lottery also faces the risk of being controlled by the whale, which means large asset holders have an absolute higher winning rate. It may lower the winning rate of other players, which may reduce their participation to some extent. Even they can get tokens by mining with basically no risk, but the yield is unattractive compared to staking and lending. Now, many lottery products are also working on the problem above. For example, Pooltogether launched the function: pod. The pod allows users to combine their deposits. As long as any lottery ticket wins, the prize will be distributed proportionally to all the participants. There are also some other solutions, such as the Bunny limited prize pool. However, all of these are harmful to large asset holders, the major contributors to the platform's TVL, which deviates from the aim of high TVL.

By making the LP token an NFT as a synthetic asset that anchors the revenues of market-making strategies, UniswapV3.0 took the first step in NFT financial application. Inspired by UniswapV3.0, we also tried to use NFT to get more small asset holders into the no-loss lottery pool without hurting TVL. Currently, every pool is to distribute homogenized lottery tickets to the users, and every ticket has the same strategy. The ticket is a way to get revenue, and it can only be used for raffling since there is no matched secondary market. In BigWin's iteration plan, NFTs would be assigned to every prize pool which presents different lottery strategies. NFT has a strong descriptive ability and is suitable for complex and changeable financial contracts and lottery strategies. The lottery strategy is based on the participation time, the proportion of the amount in the pool when joining, and the holding amount of BWIN. The user can either hold the NFT to get luckier or sell it to other users in the pool to increase the winning rate. BigWin gives extra liquidity value to tickets better than raffling only, allowing all users to feel the magic of finance. We believe that the no-loss lottery combined with NFT will be a better tool to lead beginners into the DeFi world.

- **BigWin Oceanpark: A community for DeFi enthusiasts to share and advocate.**

The BigWin team has always been a promoter and practitioner of decentralization. In community construction, we hope to find enthusiasts in the DeFi world and work with them for building a bigger community to achieve BigWin DAO governance.

3. How to Play

1) BigWin Pools:

- The Official sets up prize pools. Users save their digital assets into the prize pool. Different assets have different prize pools, such as Cake, Bunny, USDT, BWIN etc.
- The prize pool contract automatically deposits assets to a third party, a decentralized platform to earn interest or tokens and accumulate prize money.
- After the draw time is up, the winners are selected through a random algorithm.
- After the last prize pool is drawn, the next deposit will start immediately, and the user with his assets and prize money will automatically participate in the next draw.
- Users can withdraw their assets at any time under Withdraw regulations.
- As long as you deposit to participate in the prize draw, you can get a BWIN Token reward.
- BWIN token can be used to stake in pools to earn free tokens and join other activities held by the community.

2) BigWin LEGO: Coming soon

3) BigWin Vault: Coming soon

4) BigWin NFT: Comming soon

4. BWIN Economic Model



The token name issued by BigWin is "BWIN". Total issuance: 10 million.

First Allocated to BSC chain. Reserved for other possible public chains according to the development of our community.

Among them, the distribution ratio of BSC is as follows:

- Total issuance: 10 million.
- Team holding: 15%, released linearly in 4 years.
- Marketing: 15%, promotion of the product in the market
- Genesis Incentive: 5%, incentive to pioneers and contributors of persons in the community
- Mining: 50%, 0.05 block per second, decreases by every 6 months, and the release is expected to complete in four years.

- Treasury: 15%, build up an alignments ecosystem of developers and future partners.

5. Ecological Development

Lottery users, that is, donors, are the most vital role in the ecology. As more users participate in the lottery, the higher the prize money will be, which will attract more users to participate in the lottery and increase the prizes. This is a positive cycle.

Any organization usually has their token. Any organization can add usage scenarios for their tokens through the function of "stake BWIN to create a prize pool with one click. At the same time, BigWin can also provide a very good airdrop platform. Any organization can recharge tokens to the "Loot Box" of a certain period of the prize pool, and users can get the tokens of the organization by BWIN. Partnership concludes contribution to New DEX, lending or NFT platforms.

6. Disclaimer

There may be omissions in the information in this whitepaper, but it does not mean that the whitepaper is not reliable. The final interpretation right belongs to BigWin. BWIN token is not a security, bond, commodity, or any other type of financial instrument. BWIN Token is not registered under the guarantee laws of any country, including the securities laws of any jurisdiction. BiwWin will not make any guarantees or promises to anyone under any circumstances and will not guarantee the integrity of the information in the whitepaper. This whitepaper does not serve as guidance on investment, law, taxation, or accounting. BigWin is not sure of the potential benefits of such transactions, please bear the consequences yourself. Upon receiving the BWIN Token, it means that the holder of the BWIN Token has read this whitepaper and accepts the relevant terms of this whitepaper.