



CRYPTOZOOON WHITEPAPER



Contents

Abstract	3
1. Introduction	5
1.1 Our Motivation & Why?	6
1.2 Why Binance Smart Chain?	6
1.3 Understanding Non-Fungible Tokens	7
2. The Product.	8
2.1 Product Ideal	8
2.2 Education of Public with Cryptozoon	9
2.3 Gameplay	9
2.4 Play to Earn	10
2.5 CryptoZoon Marketplace	12
3. ZOON Token	12
3.1 Use	13
3.2 Distribution	14
3.3 Buying & selling ZOON	15
4. ROAD MAP	16
5. Rules & Due Diligence	17
5.1 Technical Risk	17
5.2 Legal Disclaimer	17

Abstract

Cryptocurrencies, notably their valuations and potential to disrupt the banking and financial system as it is, are gaining popularity as blockchain technology continues to dominate headlines. Equally is NFT which has garnered attention and caused echoing waves in recent times.

The regular consumer, on the other hand, has no idea what cryptocurrency/NFT is or why they matter, let alone how the technology that powers it works.

The video game industry (and also NFT use) has quickly become one of the main drivers of blockchain adoption among the general public. Many giants of the gaming world have understood this well and are investing colossal sums in the development of video games based on the blockchain or features taking advantage of this technology. From now and years to come, the blockchain and its countless possibilities promise to invade the daily lives of gamers.

This is why **CryptoZoon** has found a way to combine the blockchain-based gaming world and NFT in a next-generation concept and created a digital platform universe of unique digital creatures.

The future of blockchain video games will first come through Non-Fungible Tokens (NFTs). Concretely, these tokens are unique, identifiable tokens capable of representing a virtual asset.

CryptoZoon will make blockchain technology accessible to the common consumer via these strategies;

- 🌀 Tokenization of digital creatures.
- 🌀 Play to earn concept.
- 🌀 A friendly, consumer-based concept with a real passion for blockchain technology.
- 🌀 An open platform that welcomes users with varying levels of technical expertise.
- 🌀 A revenue-based paradigm that can be sustained with Zoon value inflation limitation.

In more technical terms, we plan to revolutionize the blockchain world by putting digital collectibles, digital scarcity, and non-fungible tokens to practical use in the video game world. By doing this, more and more average consumer is empowered with the knowledge of how distributed ledger technology really works. People can see how the evolutionary blockchain industry can be made use of outside of the financial niche.

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CRYPTOZOON: Official token name. Also official currency in the CryptoZoon verse.

ZOON: Official token symbol.

ZOAN: CryptoZoon unique creatures. Note that no two ZOAN are similar or identical (Thus serve as digital collectibles that can be sold and bought - NFTs)

1. Introduction

Cryptocurrency has been used to solve varying challenges in the past such as allowing users to send data in a decentralized and transparent way without the involvement of external bodies and 3rd Parties. Cryptocurrency has also been widely adopted because of the nonexistent need for an intermediary (such as a financial institution) that makes the cost of transactions ridiculous. In the same way, CryptoZoon seeks to leverage the advantages of cryptocurrency and blockchain technology to give back to society in a way that has not been fully exploited.

CryptoZoon hosted on the fast and trusted smart chain powered by Binance (Binance Smart Chain otherwise called BSC) is a platform that features tokenized Digital creatures in a virtual universe. This leverages the unique feature of Non-Fungibility that ERC-721 offers. ERC721 is a standard for representing ownership of non-fungible tokens, this implies that each token is unique such as in collectibles or real estate.

CryptoZoon is a new implementation based on the same formula, with several new highly-desirable features. Most significantly, it makes use of the BEP20 protocol offered by BSC to create its own Token known as ZOON. BEP-20 is a Binance Smart Chain token standard similar to ERC-20, the most widely used Ethereum token standard. It functions as a blueprint or framework for the development of tokens, defining how they can be used, who can spend them, and other usage parameters.

CryptoZoon aims to be the first ecosystem to combine the thrill of gaming and the value of digital collectibles, transforming it into the digital creature's universe. CryptoZoon will make use of a nextlevel NFT- based gameplay and integrate it with a blockchain-based decentralized financial system, making the game not only for fun but also an investment.

1.1 Our Motivation and Why?

The video game industry (and also NFT use) has quickly become one of the main drivers of blockchain adoption among the general public. Many giants of the gaming world have understood this well and are investing colossal sums in the development of video games based on the blockchain or features taking advantage of this technology. From now and years to come, the blockchain and its countless possibilities promise to invade the daily lives of gamers. **[Abstract]**

The phenomenal success of the Pokémon Go game developed by Nintendo that made augmented reality a part of the daily lives of millions of people also inspired the development of this revolutionary blockchain project. CryptoZoon's mission is to build an integrated digital platform of tokenized monsters that appeals to the average consumer as they can participate and make a profit while actively using Blockchain technology.

This is why CryptoZoon has found a way to combine the blockchain-based gaming world and NFT in a next-generation concept and created a digital platform universe of unique digital creatures. The future of blockchain video games will first come through Non-Fungible Tokens (NFTs).

1.2 Why Binance Smart Chain?

The dual chain architecture of BSC allows its users to effectively develop and build their own decentralized apps (dApps) and also digital assets on one blockchain. This is one feature that CryptoZoon development targets. Moreover, dApps build on this smart chain can take advantage of this fast trading platform to exchange tokens just as fast between one another.

BSC is fully compatible with EVM. It also supports one of the most popular DeFi wallets, MetaMask. It includes pre-integrated pricing oracles (such as ChainLink), which are essential for many sorts of dApps. Switching from Ethereum to Binance Smart Chain has never been easier thanks to this degree of compatibility. BEP-20 token hosted on BSC allows for blockchain bridging.

Furthermore, BSC's compatibility with EVM-compatible chains such as Ethereum or a faster blockchain like Solana makes it easier to list tokens on major exchanges. Ethereum transaction costs reached new highs as DeFi coins surged in 2021. This proved a stumbling block for DeFi's expansion, discouraging widespread participation. Gas expenses on Binance Smart Chain (BSC) are over 20 times lower than on Ethereum.

As a result, the game for DeFi protocols has changed dramatically. In the same way, user interaction is encouraged through BSC.

1.3 Understanding Non-Fungible Tokens

NFTs, like cryptocurrencies, are transactions stored on the blockchain. But the difference is that an NFT, a "non-fungible token", is not fungible, unlike cryptocurrencies. One bitcoin will always be equal to another bitcoin, we can exchange them for each other, and they all have the same value. It's the same with dollars: it's called the fungible property of money. The creators of NFT wanted to do exactly the opposite: a transaction stored on the blockchain that is non-fungible, therefore completely unique. The idea is to be able to use it as a certificate of authenticity associated with a digital or physical object.

The first ideas for certificates of authenticity linked to the blockchain appeared in 2014. But it was not until 2017 that the first artistic projects based on NFTs were born. CryptoPunk for example, a collection of pixelated character designs was sold through this.

The digital creatures on CryptoZoon all have attached to them a unique Token that makes them different from all other creatures no matter how similar they look. This is one of the characteristics that aid the valuation of creatures.

Each token indeed carries unique metadata. In the case of the CryptoZoon game, the tokens represent a different creature. Each token identifies a particular digital ZOAN. There are therefore no two identical tokens (and therefore assets). This itself boosts the idea of scarcity.

This combined with other features of the gameplay makes some creatures to be valuable than others. To make it even more interesting, players are able to sell their ZOAN creatures for ZOON tokens. Therefore, Rare ZOAN will have a higher value than others.

2. The Product

The products on CryptoZoon are NFTs or Tokenized digital creatures called ZOAN. ZOANS are digital, collectible creatures built on the Binance Smart Chain. They can be bought and sold using ZOONS which is the official digital cryptocurrency token on CryptoZoon. ZOANS have exciting traits, tribes, and are of varying levels. They can grow and be trained to fight monsters.

2.1 Product Ideal

The concept behind CryptoZoon is one that is highly scalable and promising and also incredibly approachable to consumers. By finding the 'equi-foci' where online gaming experience with its fun meet with the ever-growing valuation of NFT, CryptoZoon stands out in a space that is immensely populated with lackluster and randomization.

With the exception of a few innovative experiments, few blockchain initiatives have attempted to market themselves to anyone other than high-value investors or crypto professionals. The CryptoZoon marketing plan also leverages the use of KOLs (influencers) in various Niches and communities especially those connected in a way to the blockchain world. This provides another route and opportunity to further take the CryptoZoon gospel to a wider audience and introduce new users to CryptoZoon.

Additionally, CryptoZoon solves a long-standing roadblock to the rise of digital collectibles. Digital collectibles have a lot of promise, but they haven't yet shown to be effective for one reason: **Central Issuing Authority.**

When digital valuables are produced and issued and the rarest or popular collectibles are identified, the inventor are not obligated to stop there. When this happens, the value of the original collectibles is diminished, and they may become worthless or less valuable.

With CryptoZoon, Developers are not a central authority in the release of collectibles. This is based on the gameplay as there is already a maximum circulation limit for NFT tokens in the CryptoZoon universe. This prevents the possibility of having worthless collectibles.

2.2 Education of Public with Cryptozoon

The fundamental game mechanics in Cryptozoon are actions related to cryptocurrencies and smart contracts. As a result, previously esoteric subjects will become more mainstream, and people will have a fundamental understanding of this technology.

Because blockchain is a revolutionary innovation, there are more barriers to overcome when it comes to user adoption. A user will need to have a wallet to purchase ZOON tokens. As time goes, we may need to develop alternative shortcut that makes it easier to convert traditional currencies to ZOON tokens easily. For now, we've set up straightforward guides to make the process of acquiring ZOON tokens as easy as possible.

The whole concept encourages the inclusion and sensitization of the average consumer to the happening in the technical and fast-growing world of blockchain.

2.3 Gameplay

Creatures on CryptoZoon Planet all spawn from eggs then go through the next evolution stages to reach the fully active version. Players need to spend a few ZOON tokens to complete the hatching process.

Therefore creatures all pass through two developmental forms: **Egg and ZOAN.**

CryptoZoon gameplay is centered on fighting Yaki Monsters with digital creatures called ZOAN. There are 4 elemental systems corresponding to ZOAN Tribes in the gameplay and each ZOAN tribe has different abilities.

After hatching from an egg, a ZOAN will randomly be given a **Rarity Level** which they will have throughout their life in the Cryptozoon planet. There are a total of 6 levels arranged in ascending rarity: **Common, Uncommon, Rare, Super Rare, Epic, and Legendary.**

2.4 Play to Earn

The basic idea of the CryptoZoon world is to encourage players to play more so they can earn ZOON tokens that can be used to purchase more ZOAN (NFTs) and in turn make more money.

The gameplay of CryptoZoon is structured such that different gaming activities causes the accumulation of ZOON token as opposed to mining smart contract coin with heavy computerized machines as seen in other traditional cryptocurrencies. While mining coins after verification of complex mathematical calculation and transaction is practiceable, it comes with challenges. Our smart contract structure is based on an algorithm that rewards successful game activities after meeting encoded set conditions.

Players can perform any of the following activities to earn ZOON tokens in return.

Fight Monsters

Players use ZOANs to fight Yaki Monsters. If the players win the battle, they will earn ZOON tokens as reward. The algorithm selects winners based on select ZOAN characteristics; indicators, rarity, and evolution levels.

The rarity of ZOAN shows how valuable of an NFT the collectible is. It also determines the maximum turns to play in every 4 hour round.

Rarity Estate	Percentage	Turns to Fight Monster each 4 hours
Common	52.25%	1
Uncommon	26.12%	2
Rare	8.7%	3
Super Rare	6.53%	4
Epic	3.48%	5
Legendary	2.92%	6

The **ZOANS** which have a high level of rarity and evolution can earn more ZOON as the reward for winning battles.

Fight against Yaki Bosses

There will be a fight Against Yaki Bosses held every week. All players need to prepare at least 4 ZOANS including at least both Uncommon ZOAN (Rare 2) and Rare ZOAN (Rare 3) or including at least one ZOAN from Super Rare (Rare 4, 5 or 6) to participate in killing Yaki Bosses. ZOAN token reward is divided among winners

Farming

ZOANS need to reach at least level 3 to participate in Farming. Users can stake ZOANS in the farm (sort of as an investment) to get back ZOON as farming rewards. The ZOANS with a high level in rarity and evolution will receive a higher amount of ZOON reward from Farming.

Note: The revolutionary idea of NFT (ZOAN) Farming allows NFT collections to be used in DeFi yield farming, therefore significantly increasing the value of the NFT ecosystem!

Other features that will be added to the play features are;

Breeding and Grow

Users can pair ZOANS and create new generations. Only ZOANS that reach the standard level can create a new generation with their genes.

Training

Players can compete against each other to practice and earn ZOON from opponents as well as receive ranking rewards.

2.5 CryptoZoon Marketplace

CryptoZoon has a virtual NFT market that is included in the gameplay. This Non-Fungible token marketplace can be used for exchange or sales. Users can opt to trade Digital Assets for another unique or scarce digital asset. At the same time, they can be traded for ZOON tokens at an agreed price based on algorithm valuation.

Users can trade ZOANS and other NFT items on the Marketplace. Products up for sale can be from developers or players and they are bought with ZOON tokens. This is considered an exchange of Non-Fungible Token (NFT) and Fungible Token (ZOON Token).

All commodities in the CryptoZoon market are NFTs that are unique and different from all other existing commodities. The main currency used in the Marketplace is ZOON Token and all transactions are made in ZOON Token.

Exciting features may be subsequently added such that an NFT can be traded for exchange against other platforms. While CryptoZoon has developed a working and pragmatic concept, CryptoZoon leaves enough room for scalability and development.

3. ZOON Token

Name: CryptoZoon

Symbol: ZOON

Decimals: 18

Total Supply: 1,000,000,000 (1 Billion Token)

CryptoZoon token known as ZOON and officially represented by ZOON are utility Tokens (have a wider range of use) that have real value and can be used for all transactions in the CryptoZoon planet. They are hosted on the fast permissionless BSC (Binance smart chain) network. This signifies that ZOON tokens are fungible tokens that allow permissionless transfer and non-KYC Coverage. This in turn means that transactions with this token are ultra-fast, secure, almost instant, and do not need the approval of a third party to proceed.

3.1 Use

Any user in possession of our token can sell them on exchanges they are listed on, hold ZOON tokens as an investment for increasing future price, or use them to buy ZOAN (NFT) that can also serve as a store of value as well as investment.

The ZOAN tokens are in fact in the possession of the player and not of the developer. The player can therefore easily resell or trade the virtual assets peer-to-peer by taking them out of the game. The rise of non-fungible tokens thus guarantees the intellectual property of assets. Objects designed as part of a game can easily be removed from it via the blockchain.

Therefore, the tier of profit from ZOON token is analyzed below;

Hold ZOON token	Appreciation in price	1st profit
Use ZOON to buy ZOAN (NFT)	Appreciation in price	2nd profit
Use ZOAN to make more ZOON and BNB		3rd profit

To ensure the long-term viability of Zoon's tokenomics, our team has built a special mechanism that allows Zoon to be maintained for an extended period of time while limiting the possibility of inflation.

3.2 Distribution

The maximum amount of CryptoZoon Token (ZOON) that will ever be created and be in circulation at any point in time is 1, 000,000,000 (1 billion) ZOON. ZOON tokens are BEP-20 tokens similar to ECR-20 tokens but hosted on Binance smart Chain as opposed to the Ethereum network.

The distribution of all the Tokens will be in several phases.

From Gameplay

The play-to-earn feature of CryptoZoon will allow a total distribution of 43% of the whole possible circulating supply of ZOON tokens. In this 43%, Monster Battles will generate a total of 14%, Farming activities will generate 15%, and training activities will generate 14% of the total supply that can be earned in gameplay.

IDO/Presale

IDO Information.

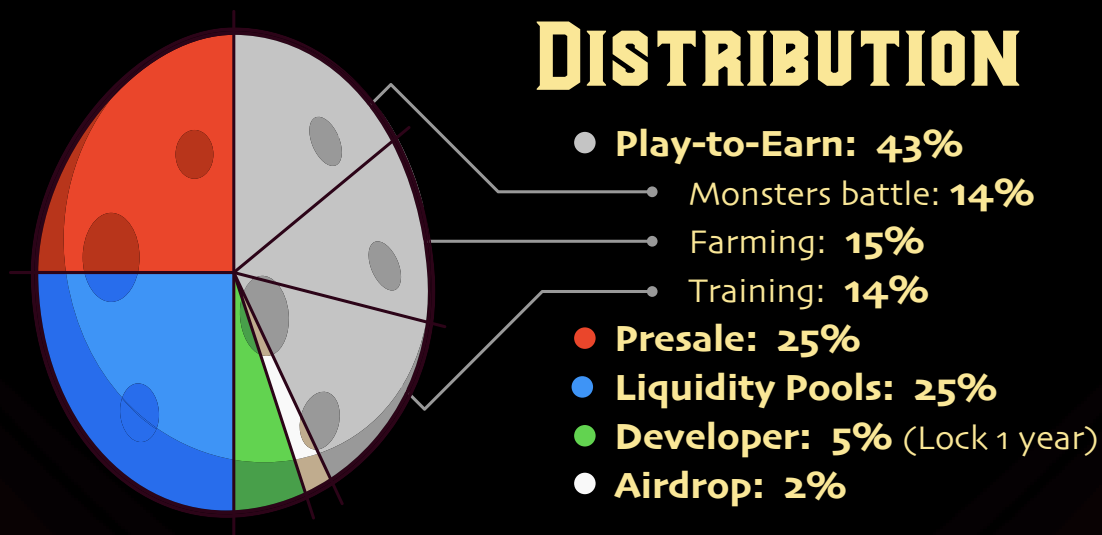
- ▶ Amount Token: 250,000,000 ZOON - 25% of Total Supply
- ▶ Softcap: 400 BNB
- ▶ Hardcap: 800 BNB
- ▶ Max purchase per wallet: 2.5 BNB
- ▶ IDO rate: 1 BNB = 312,500 ZOON
- ▶ IDO price: 1 ZOON = 0.001024\$
- ▶ Pancake listing rate: 1 BNB = 296,875 ZOON
- ▶ Pancake listing price: 1 ZOON = 0.001072\$
- ▶ Liquidity Pool and Team token will be locked by Unicrypt

Note: The Presale already occurred on the 29th of July, 2021. Presale token was sold out in less than 25 seconds of release.

This means that about 25% of the total Coin offering has been distributed.

Liquidity Pool, Developer, and AirDrop

Liquidity Pool will account for a 25% distribution of the total supply available. 5% of the total supply will be locked by the developer for 1 year. The remaining 2% of the total supply will be distributed via AirDrop.



3.3 Buying and selling ZOON

Initial Coin Offerings (ICOs) have been shown to be an effective means of funding blockchain initiatives. While this methodology aims to bring finance to investors outside the area of influence of venture capitalists, it may create barriers for other audiences. CryptoZoon therefore has a sustainable method aimed at generating continuous in-flux for the development and refining of the CryptoZoon project.

Transactions with ZOON tokens attract a 5% fee for selling and 2% for buying tokens. These tokens will be transferred into Marketing Wallet and Bosses Game Contracts and used for development purposes such as marketing, CEX listing, rewards for Yaki Bosses killer, buyback and burn. This inevitably creates a system where value of ZOON keeps rising.

An established system creates more cycles of buyers and users and this can ensure sustainability and continuous influx of finance for further development.

5. Rules and Due Diligence

5.1 Technical Risk

The CryptoZoon smart contract is based on the Binance Smart chain system. All steps will be taken to ensure that the contract is free of technical glitches, but it would be impossible to update it once submitted to the BSC network. To understand the potential risks, contributors should be familiar with blockchain technology.

5.2 Legal Disclaimer

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All proper procedures and security initiatives to counter future threats will be enforced by CryptoZoon's team. Contributors and users must obey all of CryptoZoon's instructions/guidelines and make all appropriate efforts to ensure that they use the correct contract address at all times.

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