GAMESWAP EXCHANGE

WHITEPAPER v1.0

This whitepaper outlines our vision, introduces some of the initial features we have planned and are currently implementing for GameSwap Exchange

GAMESWAP TEAM
OFFICIALGAMESWAP@GMAIL.COM

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1. Meet the GameSwap Exchange Team: An Introduction

We are an anonymous team with two years of experience in the cryptocurrency industry. We have contributed to several well-known projects in the past. Leveraging our accumulated experience, we have now established GameSwap Exchange, an AMM DEX designed to offer deep liquidity for GameFi projects, flexible gas fee via GameSwap Paymaster implemented by zkSync Account Abstraction (AA), a Smart Wallet with keyless mechanism to help projects onboarding large amount of user, and other GameFi additional services. This whitepaper outlines our vision, introduces some of the initial features we have planned and are currently implementing for GameSwap Exchange, and discusses GSWP, our governance token.

2. Our Vision

The GameFi industry experienced remarkable growth in 2021 and is predicted to expand significantly in the 2024 cycle. Consequently, there will be substantial demand for an AMM DEX that dedicated to GameFi. Recognizing this need, we have embarked on the development of GameSwap Exchange. Our AMM DEX will concentrate on providing deep liquidity for GameFi project tokens and offering essential services for the operation of these projects, such as a Launchpad, Game NFT Marketplace, and Staking Platform. Our highlight features is GameSwap Paymaster and GameSwap Smart Wallet, that will be the key success factors of mass adoption for web3 game.

With GameSwap Exchange, GameFi projects won't have to expend resources to develop their own DEX, staking platform, or marketplace. They also won't need to worry about which DEX to list their tokens on, or how to grow their liquidity. At GameSwap, we offer an incentive program that encourages users to provide liquidity for GameFi projects in exchange for yields. Additionally, we have a marketing program designed to help both our DEX and GameFi projects grow their communities together.

For users of GameFi projects, our goal is to provide a one-stop platform where users can perform a variety of actions, from swapping tokens and providing liquidity to purchasing game NFTs, participating in Launchpads, and staking tokens.

3. Our Products

3.1 GAMESWAP PAYMASTER:

All products on GameSwap Exchange can have their gas fees flexibly paid with various ERC-20 tokens via GameSwap Paymaster, a special feature of GameSwap implemented based on the native Smart Account and Paymaster of zkSync, also commonly referred to as the Account Abstraction mechanism. The GSWP token will be the primary token used in GameSwap Paymaster.

3.2 GAMESWAP SMART WALLET:

The keyless wallet created by social login accounts like Google, Discord, X… This is a special feature we provide for GameFi projects, allowing game projects to onboard users very easily. At first, we will deploy Smart Wallet on our platform, then we will provide SDK to GameFi projects for integration.

Now, users don't need to know about web3 wallets; they can simply register for a game account using their social media accounts. Projects can directly pay for users' gas fees or reduce them. This contributes to bridging the gap between web2 and web3, bringing web3 and blockchain closer to mass adoption.

3.3 AMM DEX

The cornerstone of our offerings is an AMM DEX. We understand that tokens are the heart of GameFi projects, and liquidity is their most critical pain point. At GameSwap, our aim is to provide a specialized DEX exclusively for game tokens, so that when users think of swapping game tokens, GameSwap immediately comes to mind.

Before we jump into the next section, let's provide a brief overview of V2 DEX and V3 DEX for those who may not be familiar with them. V2 DEX represents the second version of the Uniswap protocol, a decentralized exchange (DEX) that brought in new functionalities such as ERC20/ERC20 token pairs, flash swaps, and an improved price oracle, simplifying the process for users to trade between any two ERC20 tokens. V3 DEX, in contrast, enhancing both flexibility and capital efficiency. It introduced the concept of concentrated liquidity, giving liquidity providers the option to target their funds to specific price ranges, along with the introduction of multiple fee tiers. This allows providers to earn returns commensurate with different levels of risk. Although V3 is more efficient allocation of capital, they also result in a more complex experience for both users and liquidity providers.

Initially, we are rolling out our V2 DEX, with smart contracts that are forked from Uniswap V2, a leading DEX protocol in the cryptocurrency industry, hence its

security and trustworthiness are already community-approved. Our decision to start with V2 is based on liquidity considerations. While Uniswap V3 represents a significant technological advancement in DEX, our experience in the market has led us to conclude that for new projects with thinner liquidity, operating on V2 is more advantageous due to the stability it offers in price movements.

In the future, we plan to launch V3 liquidity pools, which will offer increased stability for the liquidity of project tokens when they reach sufficient volume. This is because V3 pools are most beneficial when there is ample liquidity; in such an environment, even significant market volatility won't push the price outside of the designated liquidity range.

3.4 Launchpad

Certainly, at GameSwap Exchange, we provide a Launchpad service to meet the significant demand for funding from GameFi projects. Our experienced team collaborates with users to identify high-potential GameFi projects. The GameSwap Launchpad team evaluates projects based on several factors, such as the project team's reputation, the quality of the game product offered, and the project's pricing for public sales. This helps us choose the right projects to feature on the GameSwap Launchpad.

At GameSwap Exchange, we offer two popular models for our Launchpad: FCFS and Overflow. FCFS stands for "First Come, First Served," which means that the allocation of tokens or investment opportunities is given to participants in the order they sign up or apply, as long as there is availability. Overflow, on the other hand, is a model where all interested participants can commit an amount of money they are willing to invest, and then, based on the total amount raised and the individual contributions, the final allocation is distributed proportionally. If the demand exceeds the supply, each participant receives a share relative to their contribution compared to the total funds committed.

Regarding the conditions for participating in an IDO project on the GameSwap Launchpad, we offer two types: public sales, which are open to everyone, and private sales, which only certain qualified individuals can join. An interesting point about private sales is that we can apply various whitelist methods for purchasers depending on the project's needs. For example, holding a specific Discord role, staking tokens, or owning NFTs can qualify someone for a slot in private sales. Of course, private sales usually have more attractive, discounted prices compared to public sales.

The GSWP token will play a crucial role in the GameSwap Launchpad ecosystem. Holding GSWP tokens will be a requirement for participating in IDO events of certain special projects that are partners with us.

3.5 Game NFT Marketplace
A Game NFT Marketplace is essential for GameFi projects as it serves as a hub where gamers and investors can buy, sell, or trade in-game assets in the form of non-fungible tokens (NFTs). These digital assets can include anything from virtual land and buildings to characters and items, each with unique properties and values. By tokenizing these assets, players have true ownership, and they can trade them in an open market, which can help in creating a sustainable economy within the game.

GameSwap provides such a marketplace, offering a secure and user-friendly platform for the exchange of game-related NFTs. This not only enhances the gaming experience by allowing players to monetize their in-game achievements and assets but also attracts new investors looking for opportunities within the GameFi space. The ability to trade NFTs freely adds a layer of financial incentive to the gaming process, bridging the gap between gaming and finance, and ultimately, supporting the growth and longevity of GameFi projects.

More use cases for GSWP Token, staking GSWP on our platform can lead to reduced trading fees on our NFT Marketplace. This incentivizes users to hold and use GSWP tokens, creating a more engaged community and a more active marketplace.

3.6 Staking Platform
The GameSwap Staking Platform is a service we offer to GameFi projects to help them create use cases for their tokens. For GameFi projects operating a dual token model, staking governance tokens to earn incentive token is a common use case, and at GameSwap, we provide this service. Projects can now focus on developing their games while we take care of their tokens and their use cases.

Additionally, we will deploy a separate staking contract for each token of every project, and provide functions for reading staking token parameters for the project to develop functions that require this information.

The GameSwap Staking Platform also includes a feature to whitelist certain special pools, which are accessible only to individuals who meet specific criteria. Examples of conditions for joining these exclusive pools are akin to those used for launchpads, such as holding a particular role in Discord, staking tokens, or possessing NFTs.

For our partner projects, we will launch special pools where users can stake GSWP token and earn the partner project's tokens and vice versa, creating use cases for both projects.

4. GSWP Token

What sets the GSWP token apart is that we will not issue many GSWP tokens to bootstrap liquidity pools as other DEX projects do. While this might benefit by increasing GameSwap's liquidity in the initial stages, it could lead to inflation of the GSWP token over the long term.

However, aside from conducting public sales to decentralize the token among the community, we will still offer yield farming and staking programs. Through these programs, users will be able to receive GSWP tokens, but the rate at which they are distributed will be very low.

In this section, we will detail the current information regarding our GSWP token, including its use cases and a description of the token itself.

4.1 Token Use Cases
– Pay gas fee via GameSwap Paymaster
– Pay NFT Marketplace fee
– Stake to participate Launchpad
– Stake to earn protocol fee
– Incentive to Liquidity Provider
– Governance

4.2 Token Description
– Token name: GameSwap Token
– Token symbol: GSWP
– Decimals: 18
– Standard: ERC-20
– Total supply: 500,000,000

P/s: Tokenomics and Release Schedule will be updated later on our social channels.

5. Disclaimer

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This paper is for general information purposes only. It does not constitute investment advice or a recommendation or solicitation to buy or sell any investment and should not be used in the evaluation of the merits of making any investment decision. The opinions reflected herein are subject to change without being updated.

THE END
-- GameSwap Team --