GameGuru Project Summary

1. Introduction

GameGuru is a decentralized gaming ecosystem that utilizes blockchain technology to enable players to participate in a safe and transparent digital gaming economy.

The GameGuru project revolves around three main components: the Smart Contracts, the WebApps and the Utility Token ($GGT). The three WebApps are the Marketplace, the P2P platform and the Gaming social network, all of them featuring a wide variety of games, from casual mobile games to hardcore PC games. Players will be able to purchase various e-Gift cards & digital gaming products, trade in-game assets with other players and participate in gaming tournaments using GGT. The smart contracts introduce a unique escrow system to guarantee the safety of P2P transactions between players.

GameGuru addresses a real need in the gaming industry for a fair and transparent gaming economy for players. The platform's smart contracts ensure that all transactions are transparent and verifiable. They also provide a unique escrow agent system that helps ensure a smooth transaction between players, by providing a middleman that ensures the safety of P2P transactions and by providing a collateral guarantee in case of malicious intent from the escrow agent.

The GameGuru Token (GGT) is currently a BEP-20 token issued on the Binance Smart Chain and will be used as the main currency within the GameGuru ecosystem.

2. Problem & Solution

Problem:

Traditional gaming marketplaces, such as G2A, offer overpriced products, fraudulently obtained game keys (Labelled "Grey Marketplaces") and, in most cases, none-instant delivery due to the high-risk of chargebacks and payment reversals. (Limitiations)

In addition, the current gaming industry is dominated by centralized systems/entities that often make it difficult for players to truly own and control their in-game assets. P2P trading can be risky as there is no guarantee of the safety of transactions and there is a lack of trust in the trading process. This makes it difficult for players to truly benefit from their in-game achievements and to have control over their in-game assets.

Solution:

GameGuru aims to solve these problems by creating a decentralized gaming ecosystem that utilizes blockchain technology. By using blockchain, we can create a transparent and fair gaming economy for players.

By connecting only vetted wholesalers, the Marketplace WebApp provide lower prices, zero-risk products, and instant goods delivery guaranteed through crypto transactions' irreversibility and API integration with vetted suppliers.

The P2P WebApp will feature a wide variety of in-game items and assets that can be purchased, traded, and sold using the GameGuru Token (GGT). Players will have the ability to trade directly in-game assets with other players, safely and securely through our unique escrow system implemented within the P2P Smart Contract.

Finally, the Gaming Social WebApp will allow players to build and participate in gaming communities. Players can use the platform to connect with other players who share the same interests and to organize and participate in events, tournaments, and competitions. Communities can also use the platform to create their own in-game marketplaces, where members can trade in-game items directly with each other.

3. Market Overview

On the one hand, Digital card sales are a multi-billion-dollar industry with massive growth expectation: a turnover of $698.2 billion is expected worldwide in 2024.

On the other hand, the global gaming market is a rapidly growing industry, with revenues expected to reach $196 billion by 2022. The market is driven by the increasing popularity of mobile gaming, the growth of esports, and the emergence of new technologies such as virtual and augmented reality.

One of the main challenges faced by players in the current gaming industry is the lack of true ownership and control over in-game assets. In addition, P2P trading can be risky as there is no guarantee of the safety of transactions and there is a lack of trust in the trading process. The use of blockchain technology in gaming has the potential to change this by enabling players to truly own and control their in-game assets, and by providing safe and secure P2P trading. The use of blockchain technology in gaming is still in its early stages, but it is gaining traction as more projects and companies are exploring the use of blockchain in the gaming industry.

The GameGuru platform aims to tap into this growing market by providing a decentralized gaming platform that utilizes blockchain technology to enable players to purchase safe digital gaming products sourced only from vetted wholesalers, own and control their in-game assets, participate in safe and secure P2P trading and connect with other players who share the same interests to organize and participate in events, tournaments, and competitions.

Overall, the gaming market presents a significant opportunity for a decentralized platform like GameGuru, as it addresses a real need for players to have true ownership and control over their in-game assets, and to participate in safe and secure P2P trading.

4. Technical Overview

The Marketplace WebApp is discussed at details here.

As for the P2P WebApp, it allows any $GGT holder to list a digital gaming product on the platform and sell it in exchange for a commission. Unlike other WEB2 marketplaces such as Bitify, our platform does not require any intervention from our side, as people will be transacting with each other directly. To conduct transactions safely, buyers and sellers will be able to choose a trusted middleman, called an escrow agent. Any $GGT holder can earn an extra revenue by becoming an escrow agent. He will need to put a collateral in $GGT into the smart contract. To be eligible to participate in a transaction, the collateral of an escrow agent will need to be at least the value of the transaction. The bigger his collateral is, the more transactions he's eligible to participate in and the bigger his commissions will be.

Transaction commissions will be going to the escrow agent and the project reserves to finance $GGT burns and project operations. Buyers and sellers are not required to conduct the transaction on the P2P WebApp and can interact directly with the smart contract. The reason behind the escrow collateral is to be able to cover the seller or the buyer if the escrow has a malicious intent. The escrow agent can only participate in one transaction at a time. The buyer or the seller can file a claim if they're not happy with the escrow agent. The transaction will be investigated by an elected committee and if the escrow agent is found to be at fault, the damaged party (buyer or seller) will be reimbursed from the collateral.

As for the transaction process, once both parties agree to do business and select an escrow agent, the buyer transfers his $GGT token to the smart contract (on-chain). The seller is then invited to deliver the digital product to the escrow agent (off-chain). The escrow agent makes sure that the digital good is up to the agreed terms and delivers it to the buyer (off-chain). He can then sign a transaction that will release the funds from the smart contract straight to the seller (on-chain).

In summary, P2P WebApp allows players to list, buy and sell digital products in a safe and secure way, by using the escrow agent system implemented within the Smart Contract. The platform allows players to earn extra revenue by becoming an escrow agent, while the escrow agent collateral guarantee the security of the transaction. The platform is built on the secure and transparent Binance Smart Chain that ensures the safety and security of transactions and allows players to truly own and control their in-game assets."

Use Case 1: P2P Trading of In-Game Items/Gaming Keys/e-Gift cards

The P2P WebApp allows players to trade in-game items directly with other players using the platform's smart contract system and escrow agent system. Players can list their items for sale and set their own prices, and buyers can search for and purchase items directly from the platform. The use of smart contracts and escrow agents ensures that all transactions are fair and transparent, and that players truly own and control their in-game assets.

Use Case 2: Tournaments and Competitions

The Gaming Social Network WebApp also allows players to participate in tournaments and competitions for a chance to win prizes. The platform's escrow system ensures that all tournament rules are followed and that prizes are distributed fairly. Players can use the platform to find tournaments and competitions to participate in, or to create and host their own tournaments.

Use Case 3: In-Game Marketplaces

The Marketplace WebApp can be integrated into existing games to create in-game marketplaces where players can trade in-game items directly with each other using the platform's smart contract system and escrow agent system. This allows game developers and publishers to create a more dynamic and engaging gaming economy, while also allowing players to truly own and control their in-game assets.

Use Case 4: Gaming Communities

The Gaming Social Network WebApp allows players to build and participate in gaming communities. Players can use the platform to connect with other players who share the same interests and to organize and participate in events, tournaments, and competitions. Communities can also use the platform to create their own in-game marketplaces, where members can trade in-game items directly with each other.

GameGuru provides a variety of use cases that can benefit players, game developers, and publishers. It allows players to trade in-game items, participate in tournaments and competitions, and connect with other players in gaming communities. Additionally, the platform can be integrated into existing games to create in-game marketplaces. All these features are built on a secure and transparent blockchain technology that ensures the safety and security of transactions, and allows players to truly own and control their in-game assets.