
ALPHARAND

What is Metaverse?

The word Metaverse comes from Neal Stephenson's 1992 novel Snow Crash. The word that comes with this word is the avatar. The metaverse has the potential to grow strongly. Artificial intelligence (AI) has also grown tremendously after 75 years of not seeing the light, thanks to the development of deep learning and hardware created by Jeffrey Hinton in 2012. The metaverse will go the same way.

The word metaverse is unfamiliar, but meta means "topmost" and verse means "world". In other words, it is "all the world perceived as a higher level". The metaverse combines four categories: AR(Augmented Reality), Mirror World, lifelogging (the act of recording one's daily life with a portable camera or digital device), and Virtual World.

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Facebook is also conducting a wide variety of AR & VR research in an organization called '"Reality Lab". Projects like AR Glass "Aria" were also released. Apple has been talking about the launch of AR Glass for a long time. Now we are seeing the harbinger of the AR and VR era. The same goes for companies. In the case of smart factories, AR is used a lot in management, control, and operations. It is also widely used in the field of logistics. VR is widely used in the fields of education and sports.

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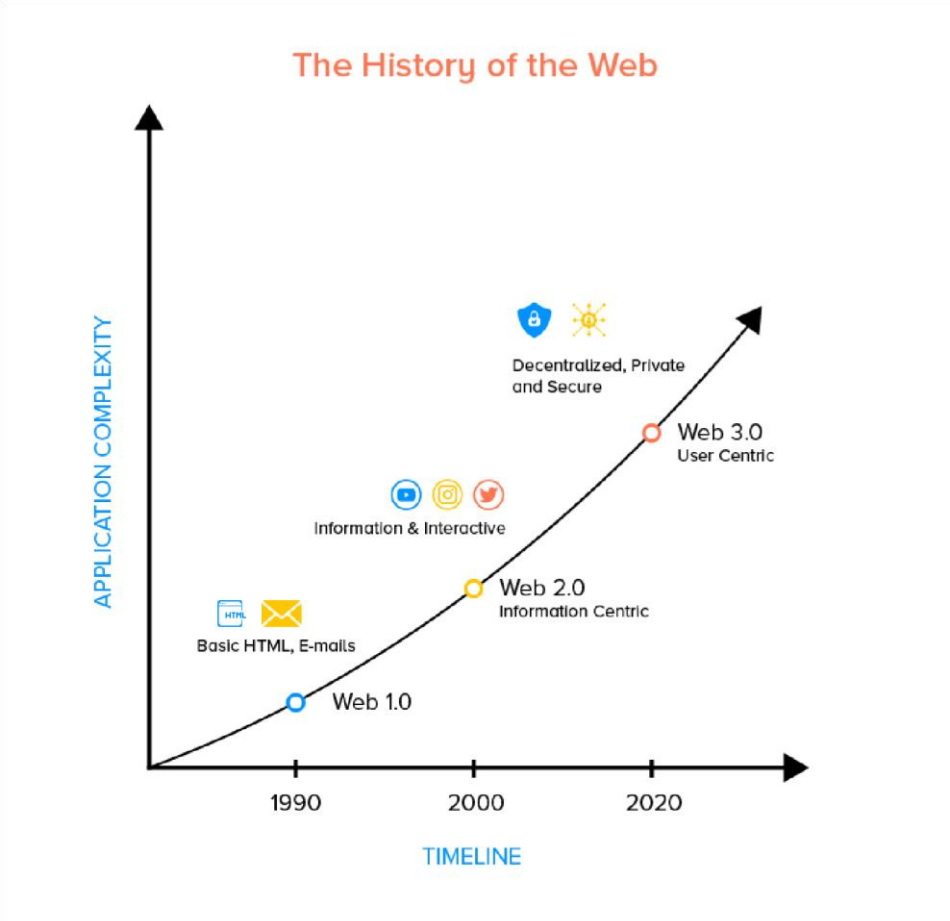
Simply put, Metaverse refers to shared virtual worlds where land, buildings, avatars and even names can be bought and sold, often using cryptocurrency.

Understanding Web 3.0

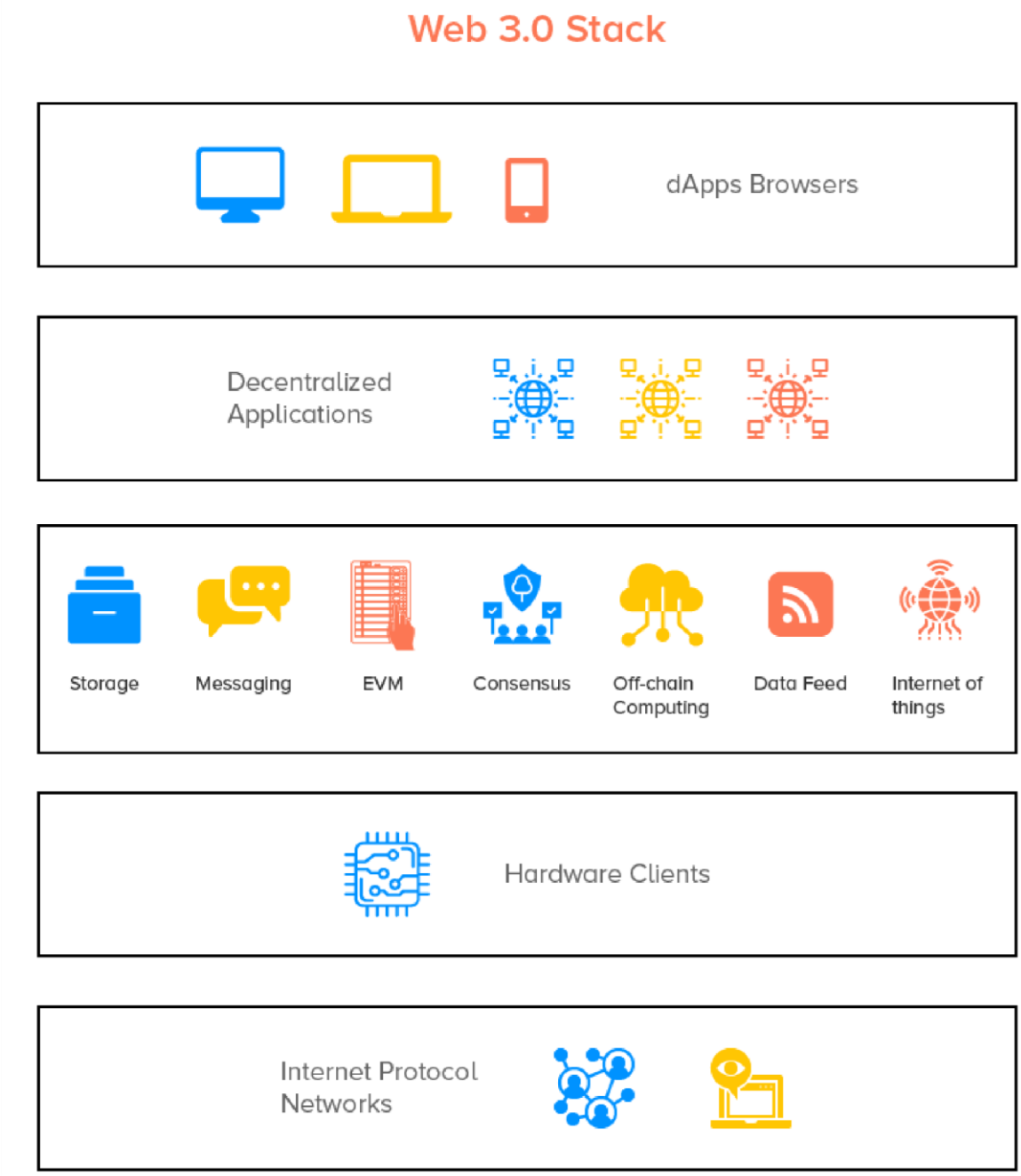
This is an idea for a new iteration of the World Wide Web (WWW) based on Blockchain technology, which incorporates concepts such as decentralization and token-based economics.

Web 3 represents the next generation of the internet, one that focuses on shifting power from big tech companies to individual users.



To understand Web 3, it makes sense to understand what came before. The first version of the Internet – known as Web 1 – arrived in the late 1990s and comprised a collection of links and homepages. Websites weren't particularly interactive.

You couldn’t do much apart from read things and publish basic content for others to read.



What can you do on Web3?

Web 3 makes the proliferation of cooperative governance structures for once-centralized products possible. Anything at all can be tokenized, whether it's a meme, a piece of art, a person's social media output or tickets to Gary Vee's conferences.

A great example of the paradigm shift is in the gaming industry. Gamers grumble endlessly about the bugs that developers leave in their favorite video game, or how the latest patch has upset the balance of their favorite weapon. With Web 3, gamers can invest in the game itself and vote on how things should be run. Large Web 2 companies, like Meta and Ubisoft, are creating virtual worlds powered in part by Web 3. Non-fungible tokens (NFT) will also play a huge role in reshaping the gaming industry by allowing players to become the immutable owners of the items they accrue.

Blockchain Gaming

Blockchain games have risen throughout the market in popularity due to the fact that they implement a lot of innovative aspects.

They take advantage of the Blockchain to do numerous things, such as giving power to the gamers through their native

governance tokens so they can steer the game in the direction they feel is required or simply allows them to take advantage of specific features within the game just by holding onto the native cryptocurrency tokens available there.

Each native cryptocurrency token, in each metaverse or game in question, offers something truly unique.

However, the stand-out problem that Blockchain gaming solves is that no matter what you do in the game, you can, at one point in time, take that effort and convert it into real money.

Here's how that happens.

Games have introduced a play-to-earn model, especially within recent history.

The idea here is that the more time you commit within a game, the better you are rewarded for doing so.

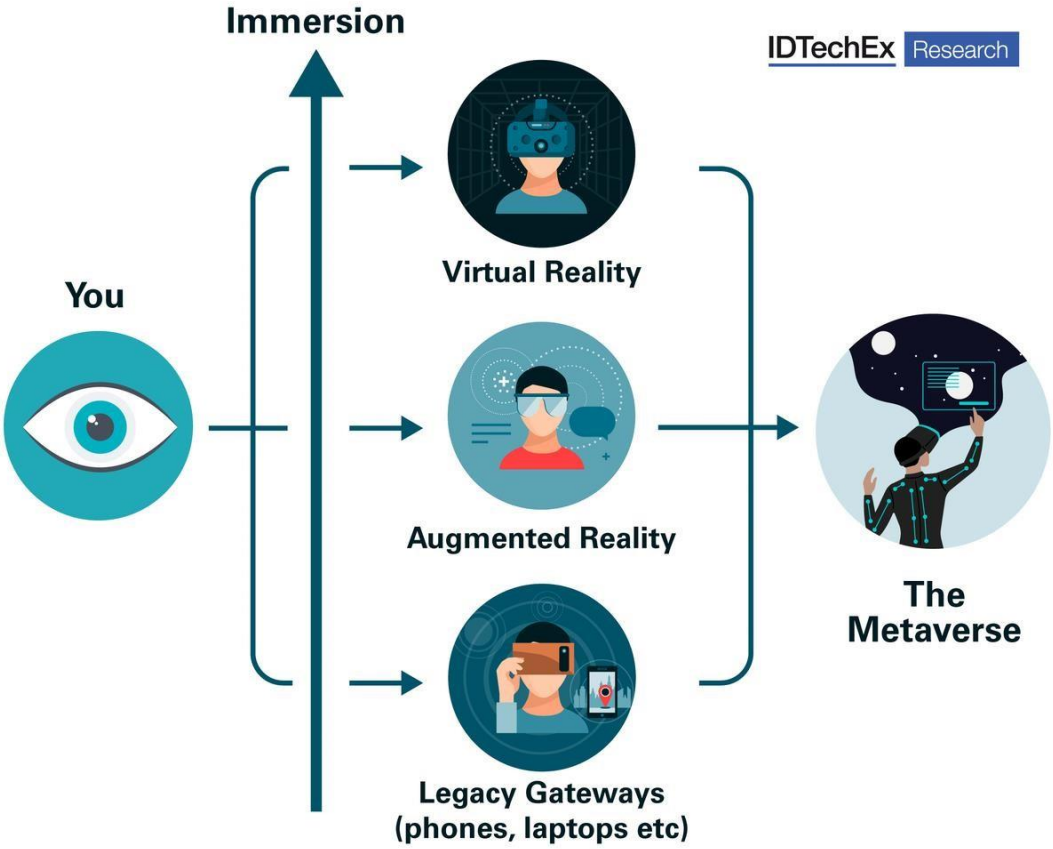
About Alpharand

Alpharand (ARD) is gaming protocol launched on Solana ecosystem functional in the Metaverse that has multiintegrated use cases in Web 3.0.

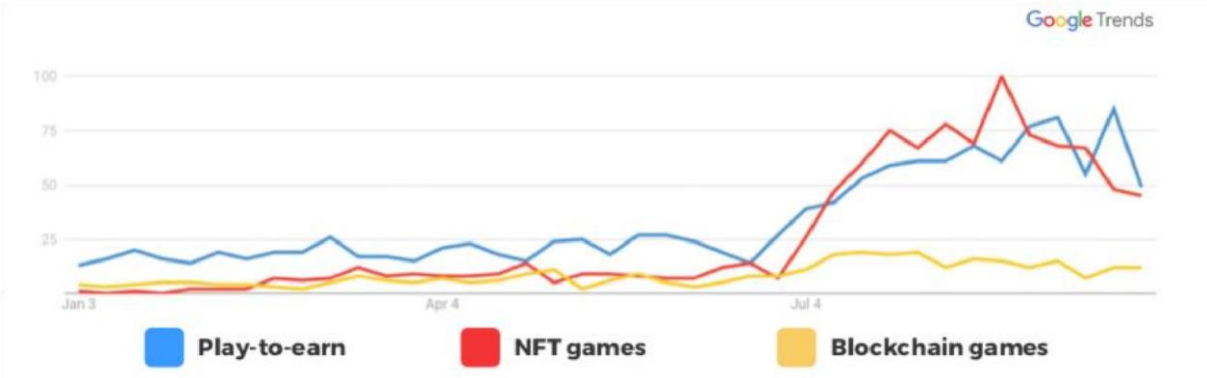
The name "Alpharand" was inspired by Alpha Strike which is large air attack by an aircraft career air wing, usually held in US navy. As a game , it is highly functional with decentralised

structure due to its swift integration with the web 3.0 technologies.

Augmented reality and Virtual reality have good adoptions but with the advent of the Metaverse, the demand for swift integration of various things with the metaverse skyrocketed even before metaverse became a household name. Metaverse is not same as AR or VR. It only uses them as gateway.



The holders of the token can leverage on its huge usecases to acquire NFTs, Secure properties in the Metaverse, and as well earn more token when they play games because of the Play-ToEarn (PTE) feature in this token.



Our Vision

We are determined to work towards a futuristic vision for this gaming protocol that is why we are leveraging on the Solana ecosystem for the build of the token.

Our vision is to become a household name when it comes to play-to-earn games and highly functional and interesting games within the metaverse.

Our Mission

Our mission is to build a long lasting crypto based token with wide range of usecases leveraging on the Solana ecosystem.
Our target is to implement easy access and implementation of real estate functionality with respect to the metaverse and in relation to gaming.

Alpharand Game

Technical Integration

VR/AR Engine: Utilizes most advanced game engines (e.g Unity, Unreal) to seamless integrate VR and AR features.

Fight Simulation: Employs advanced physics and aerodynamics models for realistic flight dynamics.

Combat Mechanics: Incorporates authentic weapons and tactics, simulating the complexity of air-to-air and air-to ground combat.

Multiplayer: Enables real-time multiplayer engagement, allowing players to join forces or compete in intense dogfights.

Building Process

Concept Development: Inspired by Alpha Strike, the game concept was refined through research and consultation with naval aviation experts.

Game Design: Iterative design process focused on creating an immersive, realistic, and engaging experience.

Development: Agile development methodology employed to ensure efficient and effective development.

Testing and Quality Assurance: Rigorous testing and QA processes ensured a polished and bug-free game.

Alpharand Integration in the metaverse

With a Global Metaverse Market size valued at more than USD 94.1 Billion in 2023 we can say that the Alpharand Token has a large demand in the metaverse and gaming industry. Alpharand is integrated in the metaverse as a gaming token which enables its users to buy and sell metaverse properties including lands, items and even gaming components.

The advent of Virtual Reality and Artificial Reality boosts the viability of the Alpharand token on the metaverse as it keeps expanding its potential beyond being just a transactional token to also being a reward token for gamers.

This gives room to both gamers and not gamers to leverage on the potency and growth speed of the metaverse to acquire more Alpharand token either for free as rewards for gaming or purchased through exchanges, increasing the transaction rate and the overall value of the token.

Alpharand and
Web 3.0 Technology

The advent of web 3 and the hype however doesn't seem to be an overhype.

While talking about how Web 3 technology is essential to Alpharand token existence in the metaverse, let's reiterate on **the evolution of web.**

Web 1.0

Web 1.0 was the first iteration of the web. Most participants were consumers of content, and the creators were typically developers who build websites that contained information served up mainly in text or image format. Web 1.0 lasted approximately from 1991 to 2004.

Web 1.0 consisted of sites serving static content instead of dynamic HTML. Data and content were served from a static file system rather than a database, and sites didn't have much interactivity at all.

You can think of Web 1.0 as the read-only web.

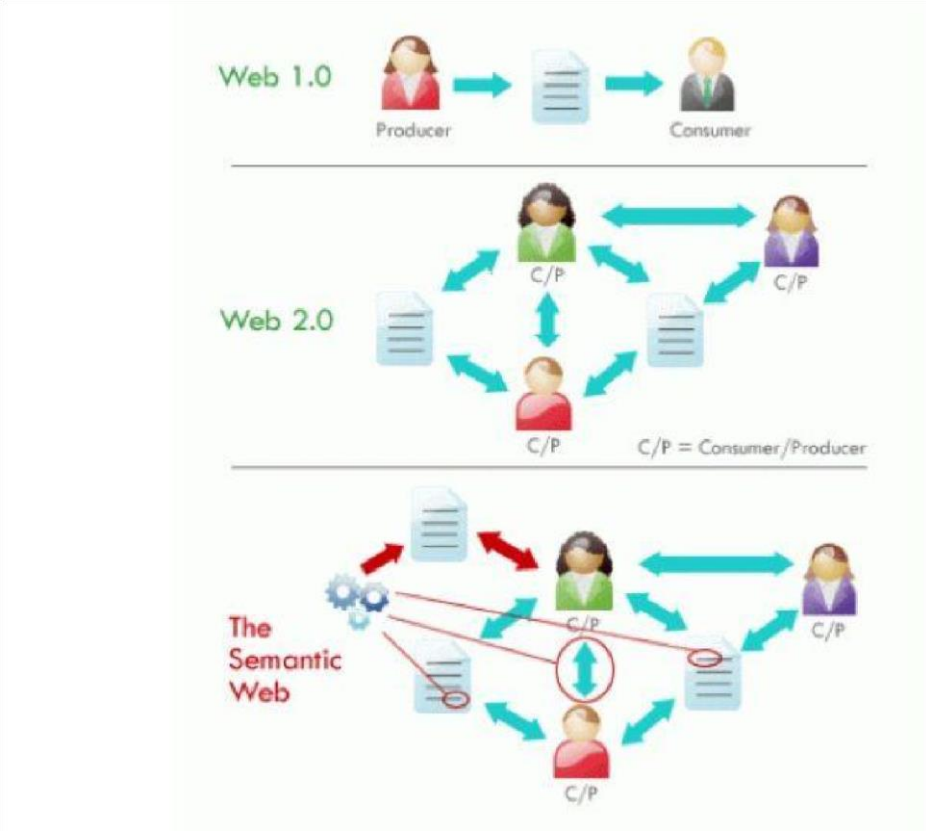
Web 2.0

Most of us have primarily experienced the web in its current form, commonly referred to as web2. You can think of web2 as the interactive and social web.

In the web2 world, you don't have to be a developer to participate in the creation process. Many apps are built in a way that easily allows anyone to be a creator.

If you want to craft a thought and share it with the world, you can. If you want to upload a video and allow millions of people to see it, interact with it, and comment on it, you can do that too.

Web2 is simple, really, and because of its simplicity more and more people around the world are becoming creators. The web in its current form is really great in many ways, but there are some areas where we can do a lot better.



Web 3.0

There are a few fundamental differences between web2 and web3, but decentralization is at its core.

Web3 enhances the internet as we know it today with a few other added characteristics. web3 is:

- Verifiable
- Trustless
- Self-governing
- Permissionless
- Distributed and robust
- Stateful
- Native built-in payments

In web3, developers don't usually build and deploy applications that run on a single server or that store their data in a single database (usually hosted on and managed by a single cloud provider).

Instead, web3 applications either run on blockchains, decentralized networks of many peer to peer nodes (servers), or a combination of the two that forms a cryptoeconomic protocol. These apps are often referred to as dapps (decentralized apps), and you will see that term used often in the web3 space.

To achieve a stable and secure decentralized network, network participants (developers) are incentivized and compete to provide the highest quality services to anyone using the service. When you hear about web3, you'll notice that cryptocurrency is often part of the conversation. This is because cryptocurrency plays a big role in many of these protocols. It provides a financial incentive (tokens) for anyone who wants to participate in creating, governing, contributing to, or improving one of the projects themselves.

These protocols may often offer a variety of different services like compute, storage, bandwidth, identity, hosting, and other web services commonly provided by cloud providers in the past.

People can make a living by participating in the protocol in various ways, in both technical and non-technical levels.

Consumers of the service usually pay to use the protocol, similarly to how they would pay a cloud provider like AWS today. Except in web3, the money goes directly to the network participants.

In this, like in many forms of decentralization, you'll see that unnecessary and often inefficient intermediaries are cut out.

Importance of Web 3 To Alpharand

More than 2.5 billion gamers worldwide have been lied to that they own their in-game assets. They don’t own it.

In Web 3.0, however, users can create content while owning, controlling and monetizing them through the implementation of Blockchain and cryptocurrencies. This is what enables NFTs.

This proves the high potency and efficiency to Alpharand as it’s a virtual gaming token that combines the use of AR and VR and

has to be on a decentralised structure to exist swiftly on the metaverse.

Blockchain can enable users to interact with online services governed by peer-to-peer networks, which is essentially a decentralized network of computers instead of the server of a single entity. In such a setting, users can own their data and have permissionless and peer-to-peer transactions, bypassing middlemen's need for anyone with an internet connection and cryptocurrency wallets like Metamask. The full control of digital identities and how and when data are shared is therefore returned to users with different online applications through their private keys.

How to get Alpharand Gaming Token

There are numerous ways through which you can get or acquire Alpharand gaming token.

Alpharand tokens can be acquired through airdrops, by participating in the airdrop campaign and performing every task correctly, you will be eligible to get $ARD tokens.

$ARD can be acquired through private sale/presale.

The most obvious way of doing so is to hop on a cryptocurrency exchange or a cryptocurrency brokerage and simply purchase it either through the usage of FIAT currencies or through other cryptocurrency tokens when it gets listed.

The second, and more difficult way, as it requires a lot of time commitment, is to simply play a game that supports the ability to earn the in-game asset that is native to it through means of playing the game or doing specific actions within the game.

So, in order to buy Alpharand gaming token when listed on exchanges do the following:

Create an account at an exchange or brokerage, connect your cryptocurrency wallet, and buy or trade your pre-existing cryptocurrency token for the gaming token.

Alternatively, just jump into the game, learn everything you can and play to earn the in-game token that drives the entire ecosystem just by playing and committing your time within the game.

Both methods will be efficient, and ultimately this will be dependent on what kind of person you are and what is more valuable to you. If you have the time to commit to a game, it can be a fun and worthwhile experience to “hunt” these gaming tokens; however, if you lack the time, purchasing them might be a more advisable action to take.

Conclusion

We are precise with our aim for this game and token, we believe it will have a great input into improving and making gaming experience an exceptional one.

We are working on improving the gaming token at every step we take and with the high adaptation of the Blockchain gamers and high efficiency of our building block the Solana Ecosystem, we will make a long lasting mark in building the future of gaming leveraging on VR and AR while building a unique and long lasting structure with our token.