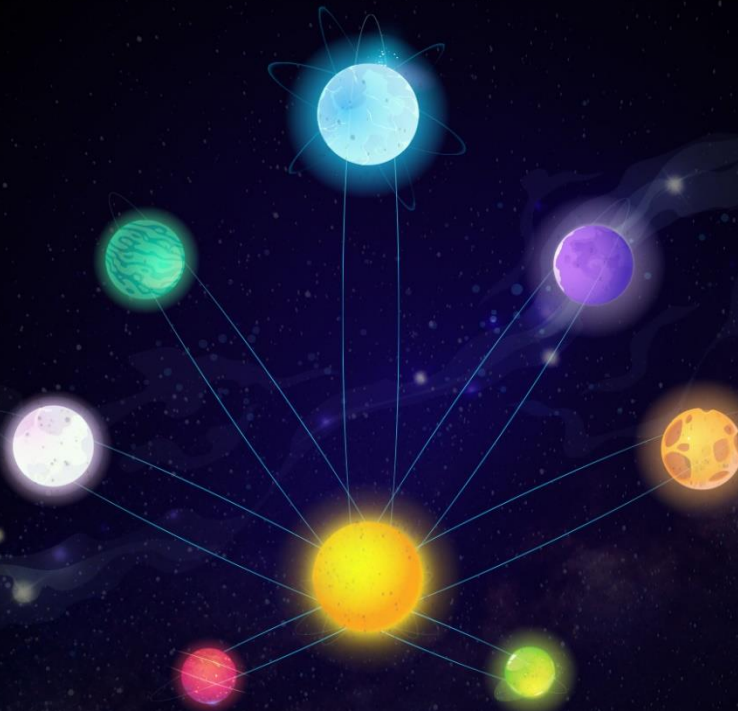# THE WEEDVERSE PLATFORM
## OFFICIAL WHITEPAPER



## Brief

This platform is a **Metaverse** for **NFTs** on **Ethereum** blockchain to find each other and **get High** together, smoking the **Blockchain Weeds.** By doing so it gives historical data & more exposure to your NFT. The opportunity is brought by **HighPotatoes**, in which they share the ability to smoke weed on the blockchain with your own NFT.

**HighPotatoes** are weed-smoking-alien potatoes, from 7 planets. They are **owners** of the Weedverse platform, you can join the owners club by purchasing a **HighPotato NFT**. There are 1450 of them distributed among 7 planets. By owning HighPotato of a planet you can contribute in creating the flag of that planet pixel by pixel in the final Weedverse platform.

_Learn more about Highpotatoes_

# Expanding the idea

The idea contains a space for NFTs to take an action with each other in the following steps

1. Token1 sends a request to Token2 to smoke a weed together.
2. If Token2 accepts the request, the smoke session is generated, let's call them stoners.
3. Both have to choose the materials and/or tools that they want to smoke and smoke with.
4. The materials and the tools are also NFTs and owners of those NFTs can list their material/tool to be used in the smoke sessions (It can be free or paid).
5. If any of the materials or tools were not free, both of the stoners have to fund their session equally!
6. After setting the smoke session, a stoner initiates the session
7. The history of that action is added to both of the stoners and the materials and the tools that were used in this session.
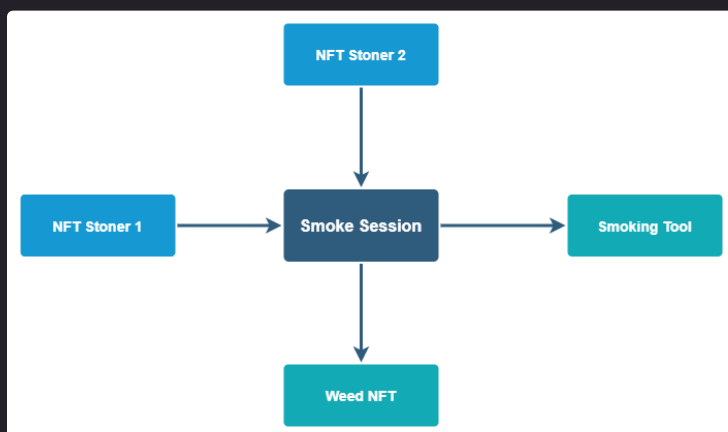
## In the end all parties benefit as

1. The stoners' total **HIGH COUNT** will increase thus the value of that NFT increases
2. The material and tool's total **USED COUNT** will increase (beside the fact that it can have income for the owner), thus the value of that NFT increases
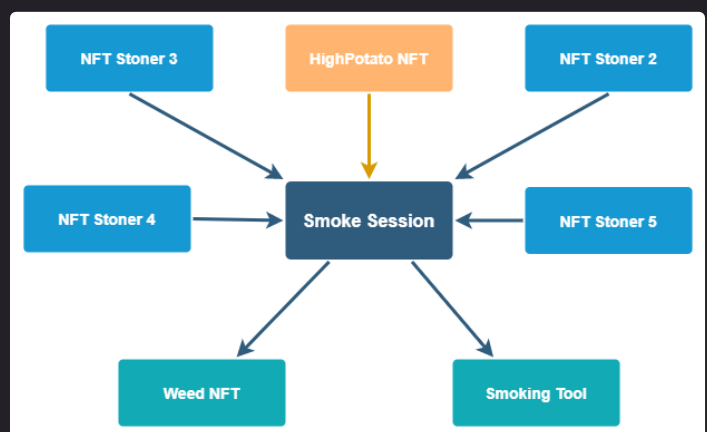
*Note: You can __mint__ your smoking session and sell it on opensea. The income and the royalty on second market sales is distributed among all of the participants equally.*

*Note: HighPotato owners can initiate smoking session groups __containing up to 16 NFTs__, whereas other NFTs can only initiate smoking sessions containing only 2 NFTs.*

**Smoke Session without a HighPotato**                    **Smoke Session with a HighPotato**



**For participatio or support the project, please scroll to the last page.**

**If you are interested in reading the technicality and the effort of the platform, please continue reading.**

**Technical problems and solution we are offering**

**Problem**

The biggest problem of the NFT world, specially the collectibles, is that you cannot DO activities with your NFT character and add more value to it by doing series of actions. An example that we work on is cannabis related actions & values that can be gained in this direction.

The biggest problem of the NFT world, considering the cannabis society:
**An NFT character cannot smoke the blockchain NFT weed!**

Briefly, problems we are facing:

- Add value to an NFT by adding some historical actions to the token.
- Your NFT character (e.g your Punk) do not have a way to interact with other NFT characters.
- There is not a unified platform that shows all NFTs of any contract

**Solve**

We solve these problems, by first keeping track of NFTs (ERC-721 and ERC-1155) of Ethereum blockchain, on our main **NFT metaverse smart contract**, and assigning unique to each, for easier track of NFTs.

**NFT metaverse smart contract** is, basically a **database** of all **characteristic** NFTs that are available on **OpenSea** or other marketplaces on **Ethereum.**
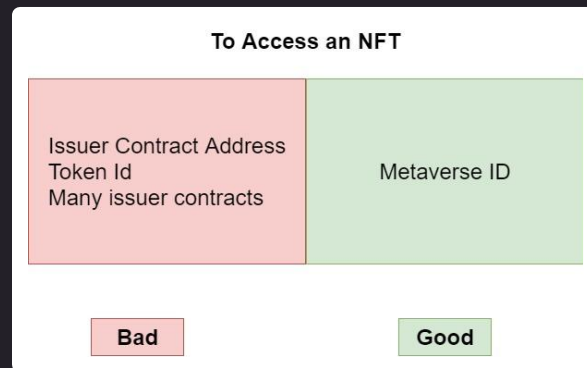
**How it works?**

Each NFT is recognized by these attributes:
   1. Issuer Contract Address
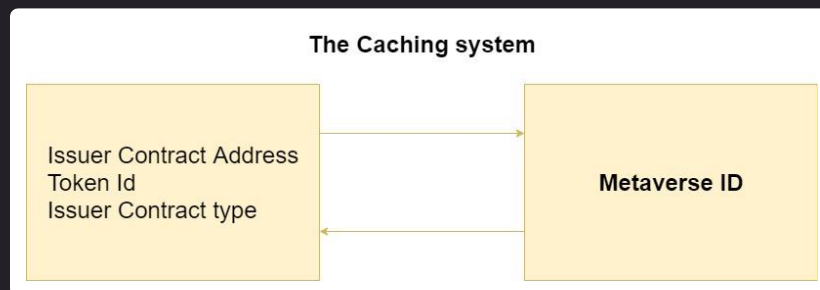
   2. Token Id

And for retrieving the data associated to that NFT, we need to call the issuer contract.

1. Off-chain contract call requires the contract's ABI.
2. On-chain contract call requires the contract's Solidity source code.

Illustration of what is required to retrieve NFTs.

**To Access an NFT**

| Issuer Contract Address<br>Token Id<br>Many issuer contracts | Metaverse ID |
|---|---|

**Bad**  **Good**

We try to approach this problem by caching NFTs on the Main smart contract:

**The Caching system**

Issuer Contract Address
Token Id
Issuer Contract type → ← Metaverse ID

And then users can access NFTs data by just using a Metaverse ID:

**How the metaverse contract works**

Metaverse ID → Issuer Contract Address
Token Id
Issuer Contract type → NFT Data

**Note: An NFT Must be submitted to the contract to retrieve the Metaverse ID.**

## Participation

If you are interested in participating in this project, please email us at:
HighPotatoNFT@gmail.com


## Support

If you intend to support this project, you can join our Initial Token Offering of first 300 **Highpotatoes** on **Opensea**.

https://opensea.io/collection/highpotato