

NFT Vision
Hack

NFT Vision Hack

Flora & Fauna

POWERED BY



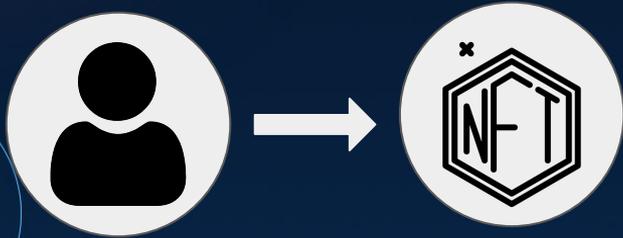
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Introduction - A New Thinking of NFT



People trade NFT

Flora & Fauna is a trading game which allow player to upgrade their game assets(NFT) by their trading skill and to vote for their game by NFT.



We trade to mint NFT

For the first time, NFT is not only a snapshot of the world, it becomes dynamically evolving with the world.

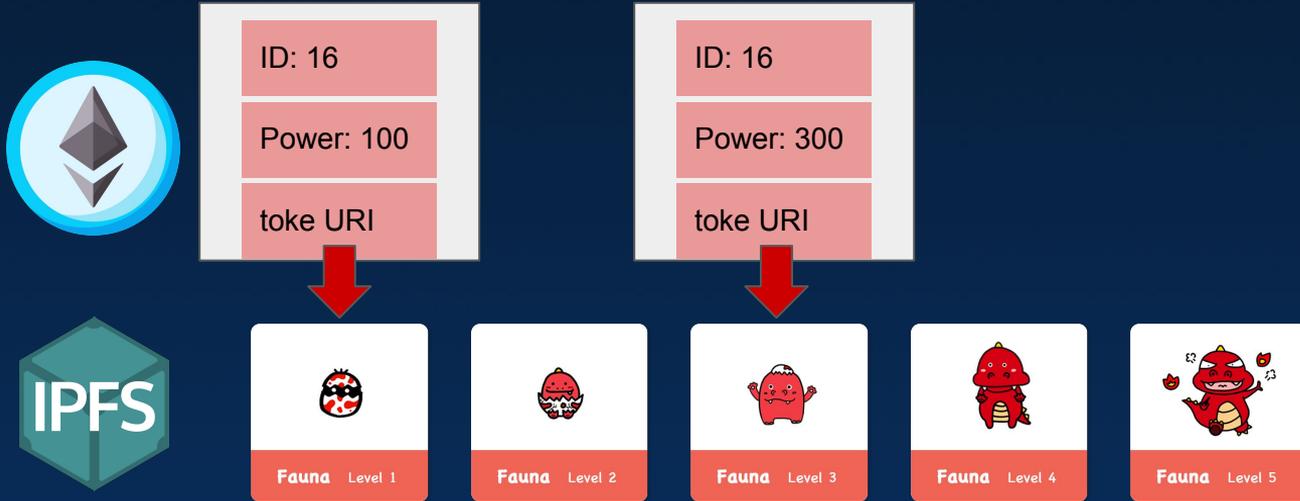
Track of choice - Step to the metaverse

We compete for Gaming & NFT track for two reasons:

1. NFT is not only for artists, but also for gamers and netizens. Some NFTs are not only valuable for their contents, but for the stories behind them. We try to mint NFT as memento of what happened in real world.
2. Game world could be more than a virtual world, it could be reality. By using blockchain, we can connect the game world with real world event through on-chain oracle. Thus, game world will truly become the metaverse.

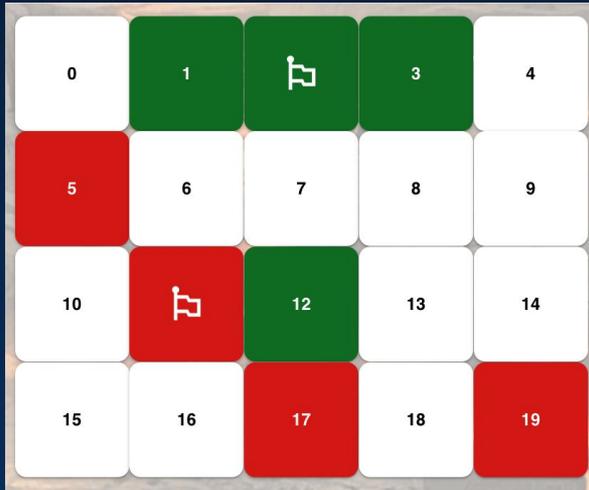
Project - Factory

Each upgradable NFT has its representative image based on its level and the army it belongs to. We upload every image of corresponding level to IPFS through NFT.Storage. Once a NFT get upgraded, its URI connects to a different image.

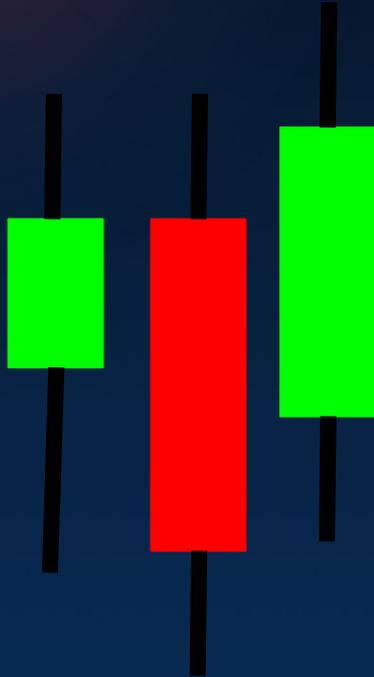


Project - Playground

Anyone can upload their proposal in the form of URI prefix. People who conquer battlefield can get the right to vote. Winner among all proposals will determine the styles of NFTs of next generation.

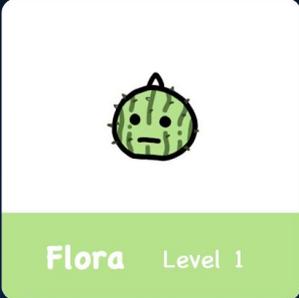


Project - Flow



Predict

First Generation



Next Generation

Battle



Vote

Technology & Tech Stack

Chainlink oracles for price feed.



Chainlink

ENS system to resolve proxy of Chainlink oracle.



IPFS for metadata storage.



React.js for front-end



Scalability

1. We use React to build component for our every function which can insure our modularity to scale without side-effect
2. We iterate to different generation after each proposal which allow us to only query a set of metadata from IPFS for our entire application in a period.
3. We grant NFT to players so they can manage their own data, and we can focus more on mechanism design