NeuralNFTs

Giving the sixth sense to NFTs by creating an ML model marketplace with some NFT analytics.

ETHGlobal

A HackFS 2022 Submission

OUR TEAM

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PROJECT INSPIRATION

- ML is one of the growing fields in the current generation and also has an ever growing community.
- Some ML models are really mind blowing as it solves a lot of crucial real world problems.
- We believe ML has more potential than just solving real world problems. XD
- We see ML as an art and people who create models as artists.
- And we thought it is the right time to bring in a interactive ML model marketplace for the ML artists to showcase their talent .
- We also thought that bringing in ML models in the NFT space would attract a lot of people to enter into this field and ultimately create a better world.
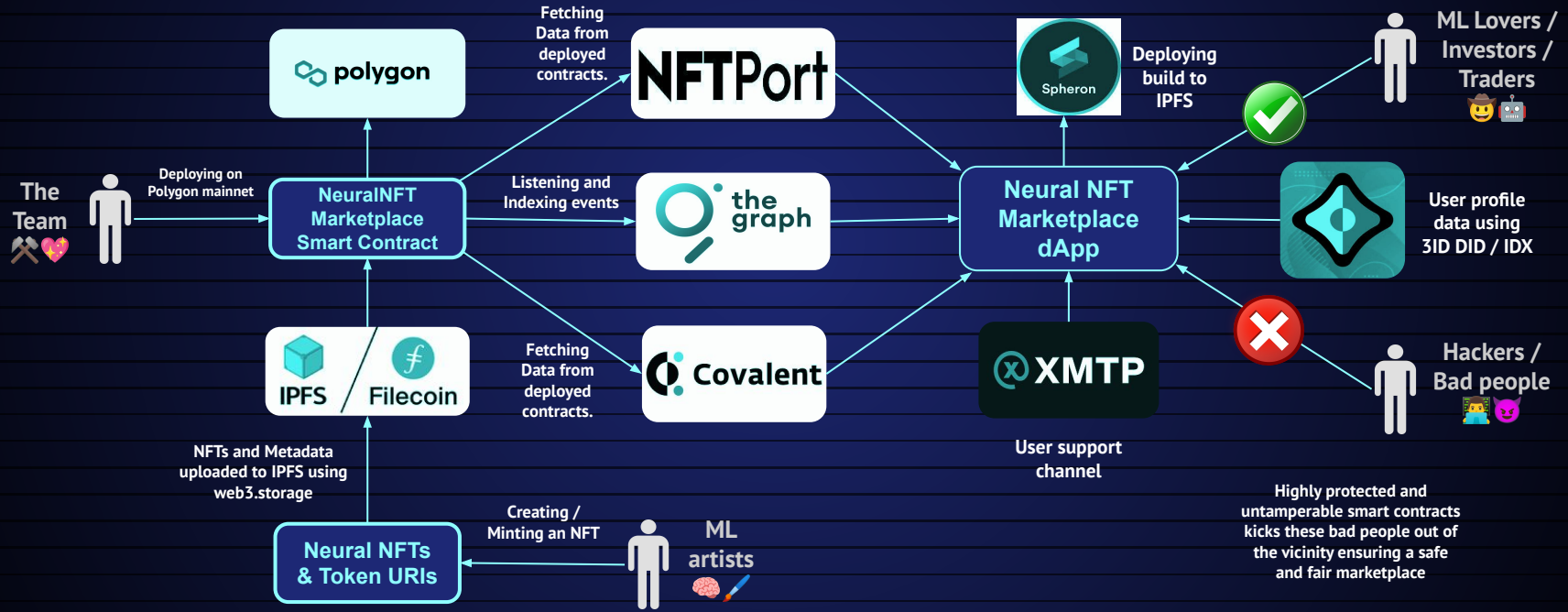
PROJECT OVERVIEW

A safe, fair and untamperable marketplace for minting / buying / selling ML NFTs a.k.a. NeuralNFTs which supports on-chain royalties creating a trust-free and non-custodial relationship between the ML developers and the marketplace.
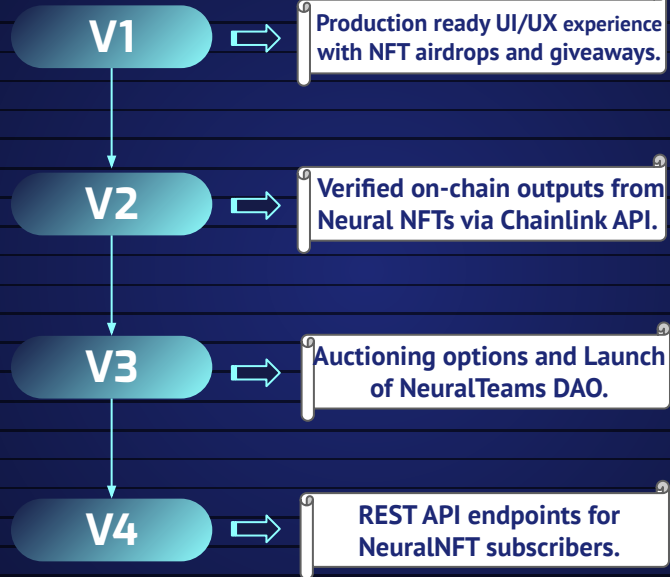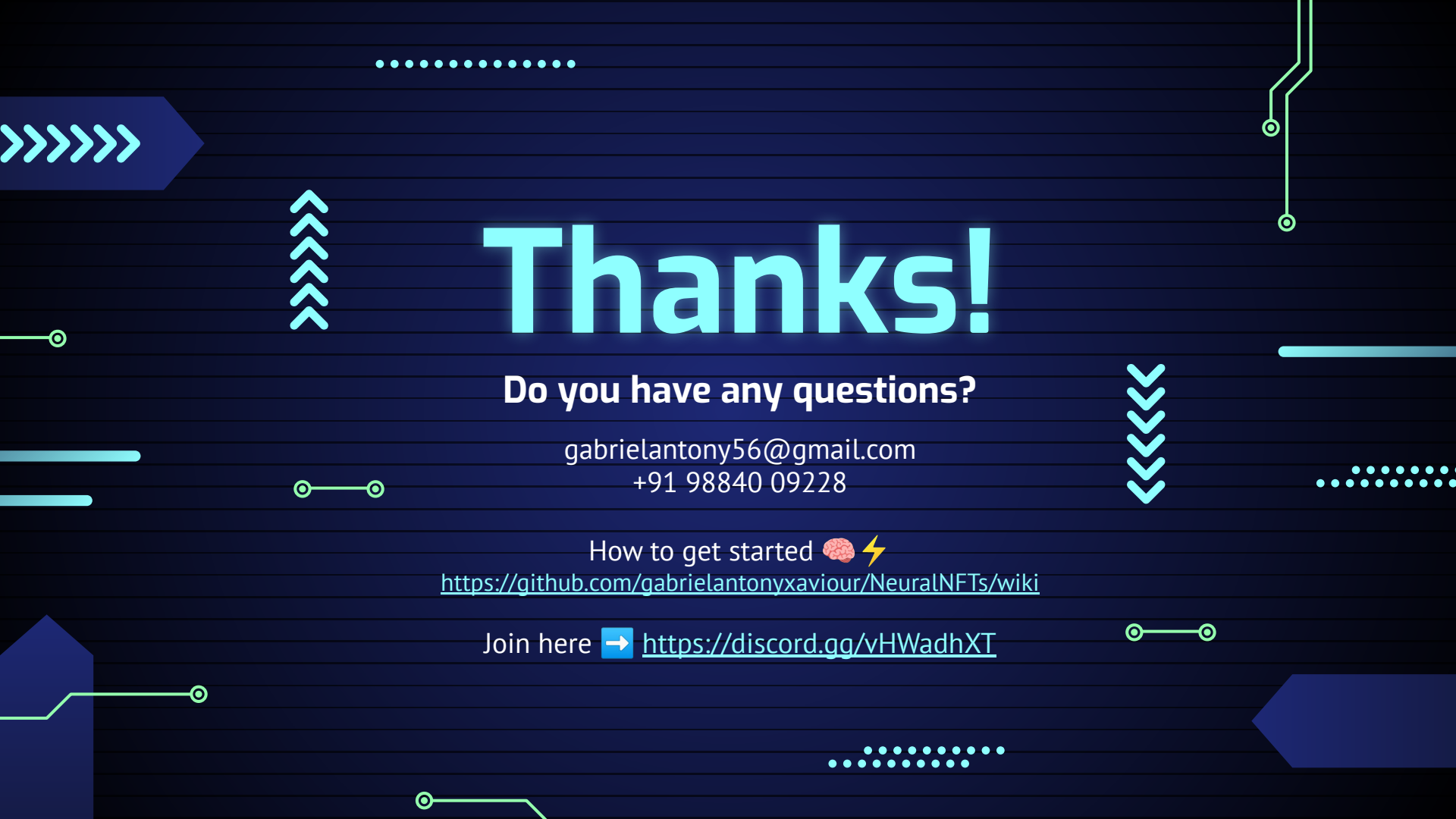
PROJECT WORKFLOW

The Team 🛠️💖

Deploying on Polygon mainnet

NeuralNFT Marketplace Smart Contract

polygon

Fetching Data from deployed contracts.

NFTPort

Listening and Indexing events

the graph

IPFS / Filecoin

Fetching Data from deployed contracts.

Covalent

NFTs and Metadata uploaded to IPFS using web3.storage

Neural NFTs & Token URIs

Creating / Minting an NFT

ML artists 🧠🖌️

Spheron

Deploying build to IPFS

Neural NFT Marketplace dApp

XMTP

User support channel

ML Lovers / Investors / Traders 🤠🤖

User profile data using 3ID DID / IDX

Hackers / Bad people 🧑‍💻😈

Highly protected and untamperable smart contracts kicks these bad people out of the vicinity ensuring a safe and fair marketplace

DEMO TIME! :)

PROJECT ROADMAP

V1 → Production ready UI/UX experience with NFT airdrops and giveaways.

V2 → Verified on-chain outputs from Neural NFTs via Chainlink API.

V3 → Auctioning options and Launch of NeuralTeams DAO.

V4 → REST API endpoints for NeuralNFT subscribers.

Thanks!

Do you have any questions?

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How to get started 🧠⚡
https://github.com/gabrielantonyxaviour/NeuralNFTs/wiki

Join here ➡️ https://discord.gg/vHWadhXT