

# The future of NFT



Mikhail Savchenko



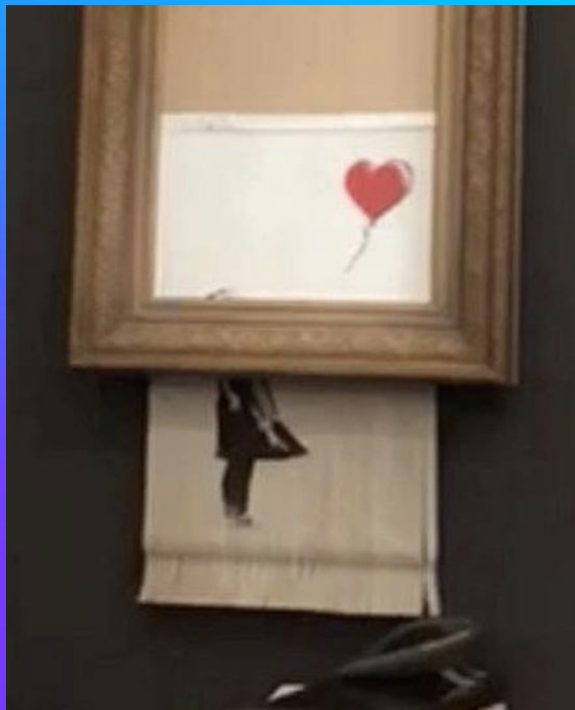
# The history of NFT

- Fungible Assets : assets that are capable of mutual substitution, interchangeable e.g. oil, a penny, and bitcoin are all fungible assets.
- Non-Fungible Assets : assets that are incapable of mutual substitution, not interchangeable e.g. art, deeds, and diplomas are all non-fungible assets.
- NTFs enable trustless verifiability of uniqueness and authenticity  
(+ new forms of fractional ownership and tradability)

# Is NFTs digital art hype over?

- Monthly Ethereum NFT platform volumes have gone from \$200 million to \$100 million
- If include NBA TopShot on Flow, that adds another \$25 million to \$50 million in weekly volume, down from a \$150 million weekly peak

# Is NFTs digital art hype over?



## 404 error

This NFT doesn't exist.

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# Is NFTs digital art hype over?

- **What is async art?** Async Art is a new art movement built on the blockchain. Create, collect, and trade programmable art: digital paintings split into "Layers", which you can use to affect the overall image. Art that can evolve over time, react to its owners, or follow a stock price is now all possible with programmable art.
- **What is async music?** This is music with the ability to change its composition. It may sound different each time you come back to listen. This is achieved by breaking down a song into separate layers called Stems. Each Stem has multiple Variants for its new owner to choose from. In this way, a single Async Music track contains many unique combinations of sounds.

# Should the NFT market be regulated?

- Lack of metadata and content standardisation
- Lack of media content storage rules and tools
- Lack of non media content storage platforms and protocols
- Lack of validation & verification tools
- Lack of independent valuation services

# NFT use cases beyond digital art

- Collectible Tokens
- Financing Tokens
- Impact Tokens
- Access Tokens
- Art Tokens
- Physical Property Tokens
- Data Tokens
- Credential Tokens
- Capability Tokens
- Commodity Tokens
- Identity Tokens
- Certification Tokens
- Tickets & Coupons

# NFT standards review

- ERC20 : Standard Token
- ERC223 : Fungible Token Standard
- ERC667 : transferAndCall Token Standard
- ERC721 : Non-fungible Token Standard
- ERC725 : Identity
- ERC735 : Claim Holder (claims about Identities)
- ERC777 : Operator Based Token Standard
- ERC809 : Renting Standard for Rival, Non-Fungible Tokens
- ERC827 :Pseudo-introspection using a registry contract
- ERC864 : Related to #981
- ERC865 : DelegatedTransfer (Related to #965)
- ERC874 : Weighted Non Fungible Tokens



# NFT standards review

- ERC918 : Minal Token Standard
- ERC965 : sendByCheque (Related to #964)
- ERC981 : Barter Token Standard
- ERC994 : Delegated Non-Fungible Token Standard
- ERC998 : Composable Non-Fungible Token Standard
- ERC1003 : Safe Transfer To Contract Extension
- ERC1155: Multiple Token Type
- ERC1400: Security Token Standard
- ERC1404: Simple Restricted Token Standard
- ERC1410: Partially Fungible Token Standard
- ERC-1633: Re-Fungible Token Standard

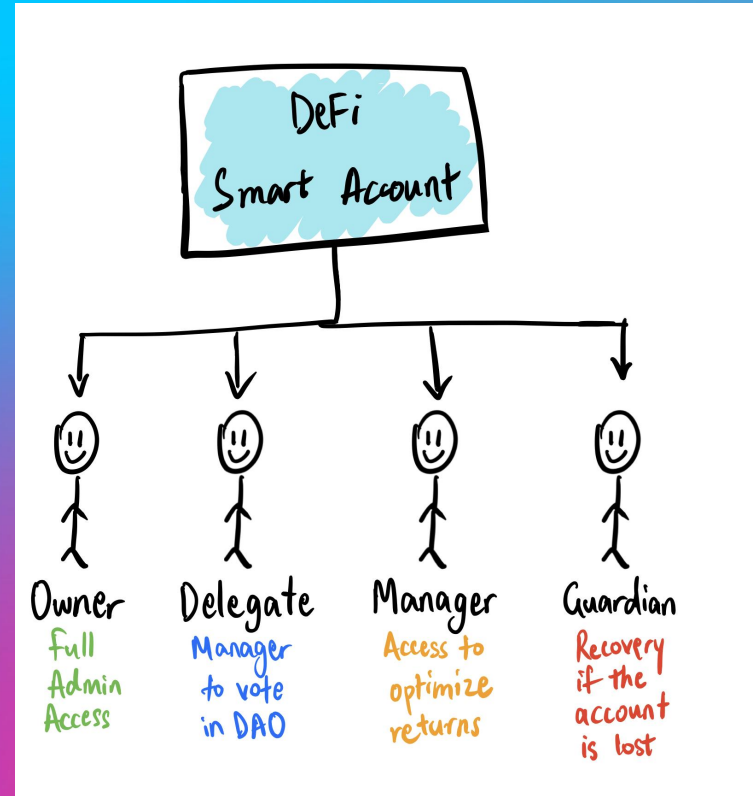
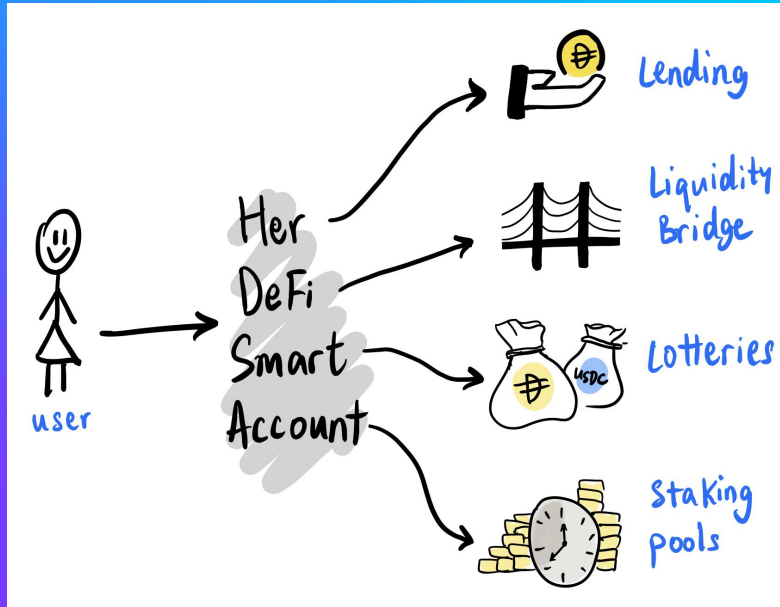
# Upcoming NFT tech trends

- Secret NFT
- Multi-chain support (Bridged NFT)
- Semi fungible NFT
- Physical assets NFT
- Business process tokenization
- Deeper IPFS integration
- Integration into DeFi and portfolio management

# NFT as a digital passport

- EOA accounts is not the best option
- ERC725 and analogs should be widely supported
- Instadapp DSA is a good example
- User account smart contracts in gen4 blockchains (starting from EOS)
- We need better/unified protocols and token standards?!

# NFT as a digital passport



# Perspective NFTs projects review

- <https://unlock-protocol.com>
- <https://www.flashback.one>
- <https://niftsy.io>
- <https://ripiocredit.network>
- <https://mattereum.com>
- <http://pinata.cloud>
- <http://thegraph.com>

# Should you invest NFT?

- That's what we would have observed of CryptoKitties in December 2017 only to be entirely wrong about 2021.
- Another point of context is to think about ICOs. Today, most people think back to that period as one of irrationality and bad decision making.

# Thanks!

