

A Blockchain Based Decentralized NFT Marketplace

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Abstract: *With the advancement of technology around the globe lead to a rise of technology called Blockchain and amazing technology that completely eradicates the centralized network. Blockchain Technology has got its applications from finance, gaming, supply-chain etc. One of Applications of this amazing technology are NFT's (Non Fungible Token's) That act as a digital assets in the world of Blockchain. NFT's can be any form of data from art, music to video etc. The interest of NFT's have been growing in every field of various industries like fashion, gaming, etc. Non-fungible tokens (NFTs) are transferrable rights to digital assets, such as art, in-game items, collectables, or music. The phenomenon and its markets have grown significantly since early 2021. The information about the NFT's are stored onto the blockchain Where each information is kept encrypted and prevented from attack as its impossible to alter the data in the blockchain. This cutting-edge technology continues to grow and capture the attention of the masses as more applications of NFT's are identified with time. The System proposed in this paper allows consumers to transfer encrypted content and write it to NFT's. Various consumers can approach the content of NFT's by mentioning their purchase or endorsement. Confidential information is licensed for a period of time, after which the information is appropriately deleted.*

Keywords: NFT, Token, Block chain, Asset, Ethereum, Fungible

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