



BLOCK CHAIN



INTRODUCTION

**ETHEREUM NFT
WHITEPAPER**

SMART CONTRACT

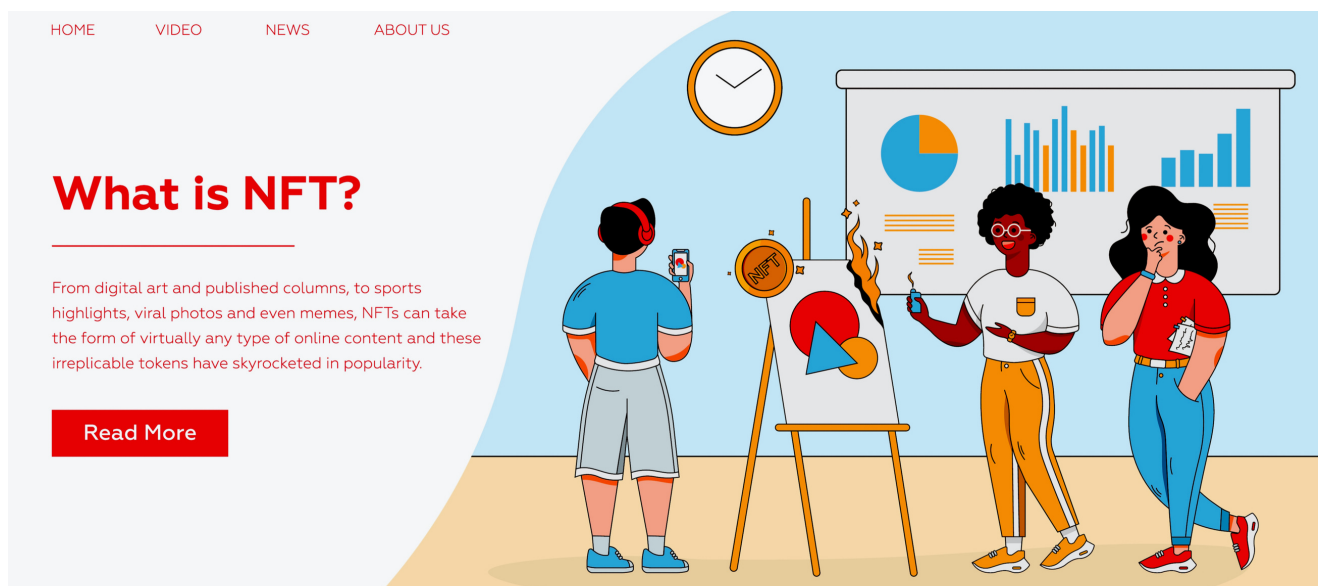
For more information visit www.ethereumnft.in



Ethereum NFT Whitepaper

The introductory Ethereum White paper was originally published in 2013 by Vitalik Buterin, the founder of Ethereum, before the project's launch in 2015. It's worth noting that Ethereum, like many community-driven, open-source software projects, has evolved since its initial inception.

The Ethereum NFT White Paper as build on the vision to ensure addition of more Block in to Ethereum Ecosystem by developing NFT and Smart Contracts



WHAT IS AN NFT? WHAT DOES NFT STAND FOR?

Non-fungible token.

Opening up an NFT is same as opening up a bank Account, you can store all your wealth in the form of digital currency

That doesn't make it any clearer.

Right, sorry. "Non-fungible" more or less means that it's unique and can't be replaced with something else. For example, a bitcoin is fungible — trade one for another bitcoin, and you'll have exactly the same thing. A one-of-a-kind trading card, however, is non-fungible. If you traded it for a different card, you'd have something completely different.

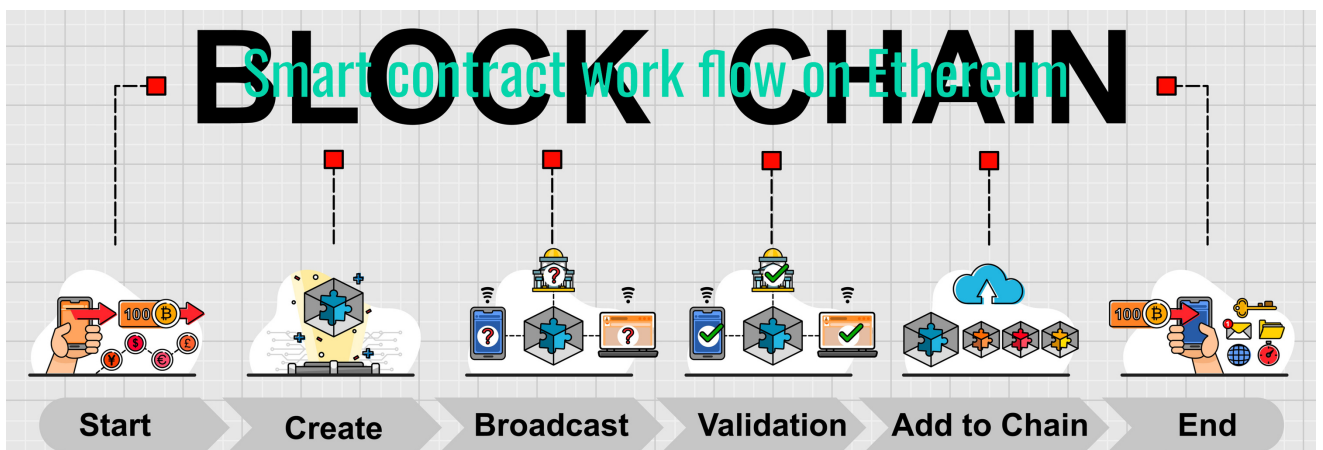


How do NFTs work?

At a very high level, most NFTs are part of the Ethereum blockchain. Ethereum is a cryptocurrency, like bitcoin or dogecoin, but its blockchain also supports these NFTs, which store extra information that makes them work differently from, say, an ETH coin. It is worth noting that other blockchains can implement their own versions of NFTs.

How does a smart contract work?

A smart contract works by exploring your wealth and trading them on peer-to-peer network, that means people will decide value of your Asset by creating supply and demand



Who can use NFT and Smart Contract?

Ethereum NFT – Making NFT and Smart Contract accessible and useable for everyone including but not limited to Enterprises, Societies, Organization, Professionals, Businessman, Shop Keepers, Traders, and every individual who wish to unlock their value and hold their wealth in the form of digital Asset.

NFT and Smart contract are easy to use, digital financing industry is failing users With Ethereum Non- fungible Token and Smart Contract, we want to take Crypto to the next Level where value is created at all levels of the society solving the endemic inefficiencies in Financial System were privacy violations and financial freedom are hobbling the Society.



The Ethereum NFT is written on below code:

```
7     string public name = "My Token";
8     string public symbol = "TKN";
9     uint public decimals = 18;
10
11    event Transfer(address indexed from, address indexed to, uint value);
12    event Approval(address indexed owner, address indexed spender, uint value);
13
14    constructor() {
15        balances[msg.sender] = totalSupply;
16    }
17
18    function balanceOf(address owner) public returns(uint) {
19        return balances[owner];
20    }
21
22    function transfer(address to, uint value) public returns(bool) {
23        require(balanceOf(msg.sender) >= value, 'balance too low');
24        balances[to] += value;
25        balances[msg.sender] -= value;
26        emit Transfer(msg.sender, to, value);
27        return true;
28    }
29
30    function transferFrom(address from, address to, uint value) public returns(bool) {
31        require(balanceOf(from) >= value, 'balance too low');
32        require(allowance[from][msg.sender] >= value, 'allowance too low');
33        balances[to] += value;
34        balances[from] -= value;
35        emit Transfer(from, to, value);
36        return true;
37    }
38
```