NFTAVE WHITEPAPER

TABLE OF CONTENT

LEGAL DISCLAIMER Page 5

EXECUTIVE SUMMARY Page 5

NFTAVE - AN ABSTRACT Page 6

- Mission Page 7
- Vision Page 7
- Our Value Proposition Page 8

MARKET OPPORTUNITIES OF NFTAVE Page 8

NFTAVE ECOSYSTEM Page 9

- Multichain NFT Marketplace Page 9
  - Features of Our NFT Marketplace Page 9
  - How Does our NFTAVE Marketplace Assist You? Page 11
  - Workflow of Our NFTAVE Marketplace Page 11
  - Creator's Flow Page 12
  - Collector's Flow (Crypto Gateway) Page 13
  - Collector's Flow (Fiat Gateway) Page 16
- NFT Aggregator API - An NFTAVE's Exclusive Page 16
  - List of Information that NFTAVE's Aggregator API Retrieve Page 16
    - Basic Data Page 17
    - History Data Page 17
    - Collection Information Page 17
  - Workflow of the Aggregator API Page 17
- NFT Academy - The Official NFT Collection of NFTAVE Page 17

TABLE OF CONTENT

Utilities and Perks of the NFT Academy Page 18
How Does the NFT Academy Collection Works? Page 19
NFT Academy's Referral Program Page 21
AVX - NFTAVE's Social Utility Token Page 22
AVX Token Utilities Page 24
Staking Reward Program for AVX Holders Page 25
Automated AVX Token Distribution Page 26
NFTAVE's Affiliate Program for Webmasters or Media Companies Page 27
TECHNOLOGIES THAT POWER NFTAVE Page 28
Blockchain Technology Page 28
Cryptocurrency Page 29
Non-Fungible Tokens Page 29
The Use-Cases of NFTs Page 30
Smart Contracts Page 32
Ethereum Page 33
BNB Smart Chain Page 34
Polygon Page 35
TECH STACK BEHIND NFTAVE Page 36
Front-End Page 36
Back-End Page 36
Database Page 36
Storing the IPFS and the NFT Files Page 36
Server Page 36
Security Measures Page 36

TABLE OF CONTENT

TOKENOMICS Page 37

ROADMAP Page 38

CONTACT PARTICULARS Page 39

LEGAL DISCLAIMER

NOTE: WE STRONGLY SUGGEST THE READER GO THROUGH THE SECTION TITLED "DISCLAIMER OF LIABILITY" COMPLETELY BEFORE PROCEEDING TO READ THE OTHER CONTENTS OF THIS WHITEPAPER ISSUED BY NFTAVE.

Any kind of information, predictions, assumptions, and statistics represented in this whitepaper are completely for GENERAL PURPOSES. It is advised that the information accommodated in this whitepaper cannot be understood as a financial, legal, or advisory council. This whitepaper does not lead to an INVITATION TO INVEST and does not organize or promote any type of contractual obligation. If you come across any queries or doubts, we recommend that you seek assistance from an attorney, accountant, or any deemed fiduciary of your choice. Any reference to external resources or third-party material in the whitepaper is provided for representational purposes only and cannot be understood as any form of approval or endorsement of their information or estimations.

By reading this whitepaper, you agree to absolve NFTAVE from any responsibility for any damages arising directly or indirectly for relying on any information provided in this document. Regarding more queries about legislation and regulations concerning cryptocurrency, we highly recommend that you seek counsel from qualified professionals and your attorney, accountant, or trusted fiduciary.

When drafting this whitepaper, utmost care and diligence were exercised to ensure the integrity of the facts and statements mentioned in the document. However, NFTAVE does not guarantee the complete accuracy or legal relevancy of the information presented in this whitepaper.

By reviewing and seeking information about NFTAVE, the reviewer confesses that they have read, understood, agreed, and embraced all the terms and conditions mentioned in the section labeled "DISCLAIMER."

EXECUTIVE SUMMARY

The tendency to create and share content with people worldwide has significantly shown a sharp peak since the dawn of the internet. The content can be anything, right from artwork, pictures, videos, music to even memes, and the best part is that everything falls under the digital category. The advent of technology has made this web3.0 era the finest evolution for digital content. Blockchain, being the cornerstone of web3.0, opens the door to novel possibilities, and one among its concepts that leverage digital content is Non-Fungible Tokens (NFTs).

NFT is the new-gen technology that tracks the ownership of digital assets. These immutable rights assist people in proving their ownership over their assets at any time and anywhere in the world. The history of such transactions is publicly viewable, verifiable, and eliminates intermediaries in the process. According to NonFungible.Com's Quarterly NFT Market Report: Q3 2022, the total volume of NFTs traded in the primary and secondary markets is $1.675 billion USD. This sizable number makes us comprehend the serious adoption of NFTs all across the globe.

Apart from the collectible concept, brands and entities are striving to make this phenomenal advancement useful in many ways. Be it art, gaming, real estate, music, or any sector, NFTs will be a good fit for the industry as it maximizes the opportunities and brings their target audiences closer to the organization, thereby making them more collaborative and engaging. NFTAVE is one such project that yearns to capitalize on the market advantages of NFTs.

NFTAVE is a remarkable initiative that aims to make non-fungible assets more easily accessible to everyone by rolling out a multichain NFT marketplace, where users can purchase, sell, bid, trade, mint, and hold NFTs securely and confidently. Moreover, NFTAVE stands out from the conventional projects by introducing our own collection, NFT Academy, to empower students who have a great desire to learn about blockchain, cryptocurrency, NFT, metaverse, and other web3.0 concepts. Put together, NFTAVE is a brainchild of an adept crew of blockchain professionals who aims to bring NFTs mainstream, thereby substantially increasing its adoption rate.

NFTAVE - AN ABSTRACT

"A One-Stop Shop NFT Marketplace"

NFTAVE is a web3.0 project that intends to take NFT to new heights by making people easily access NFTs. To make the NFT purchases smooth, straightforward, and as easy as e-commerce purchases, NFTAVE will roll out an official NFT marketplace. Users of this marketplace can buy, sell, trade, mint, bid, and hold NFTs effortlessly. The primary objective of this marketplace is to provide a frictionless NFT trading experience overall. High-end features, sophisticated functionalities, and a user-friendly interface will make the NFTAVE marketplace a go-to platform for creators and buyers.

The project stands unique among the other platforms in the market with its aggregator functionality. This API integration in the NFTAVE marketplace makes the work of buyers very simple by aggregating all the required particulars of the NFTs under one roof. For instance, the platform will aggregate details such as the price of the NFT, transaction history, rarity, NFT metadata, social media links, etc., by sourcing information across all the platforms where the same NFT is listed. Therefore providing all essential data under a single umbrella reduces the time considerably and makes the purchasing process seamless and instant.

Apart from the marketplace, NFTAVE will introduce its own collection called NFT Academy to assist students and individuals who have a strong passion for gaining insights about blockchain, cryptocurrency, and NFTs. NFT Academy features different courses on web3.0 concepts and bestows them an incredible chance to become certified NFT experts. Users who purchase their desired program will receive a one-of-a-kind NFT that provides access to the course. These NFTs cannot be traded with one another as it acts as a one-time access key to the academy program.

Each course will encompass a minimum of 10 videos, and students need to watch those videos to progress through the program. The curriculum has been planned in such a way that every program will have quizzes in-between to check the understanding of the students. They need to score a minimum of 60% or above to unlock the next stage. On failing, they can retake the course and attend the quiz to secure the pass percentage. The successful completion of the academy program will make them certified NFT experts with which they can explore job opportunities in the web3.0 domain.

Mission

The first and foremost success of any NFT initiative is forming a robust community. Similarly, NFTAVE's mission is to build an engaging community by introducing a cutting-edge NFT marketplace and a valuable collection for blockchain enthusiasts. We understand the importance of this community and how it can vastly assist us in forming new teams, thereby contributing to the long-term success of our project by being a community-driven platform.

Vision

Our ultimate vision is to bring NFT and crypto tools closer to people all across the globe. We aim to connect users with the latest technology of blockchain by building a novel community. We believe that NFTs are for everyone, and this technology marvel will play a crucial role in the upcoming years. Accordingly, NFTAVE intends to create a positive impact and enhance the realm of NFTs and cryptocurrencies by making it easily accessible to every nook and corner of the world.

Our Value Proposition

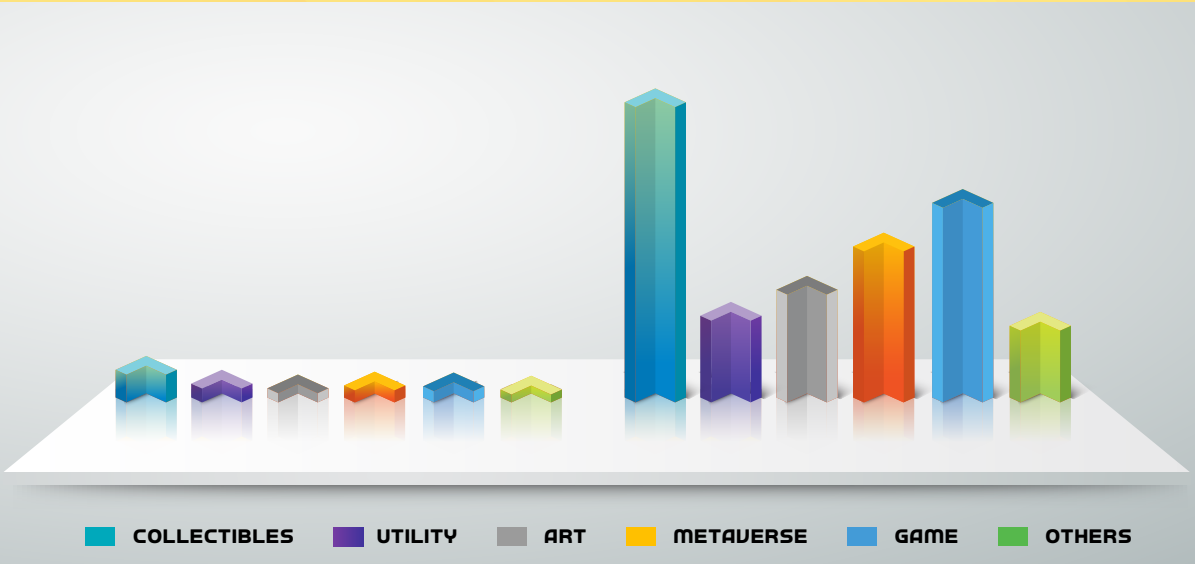
Education and knowledge are the two essential components in our brand-new approach to the market. Our primary goal is to develop simple web3.0 tools to allow newbies in the NFT and crypto sphere to get familiar. We offer a safe, secure, and transparent environment to make them utilize the latest trends without any complexities.

MARKET OPPORTUNITIES OF NFTAVE

NFTs and applications that incorporate NFT mechanisms into their dApps have shown positive growth aspects in the market. According to CoinMarketCap, the current market capitalization for NFTs is more than $11,000,000,000 billion USD. Moreover, the trading volume for NFTs has crossed the mark of $1,000,000,000 USD.

Emergen Research has mentioned in their recent NFT market research report that "The rise of digital assets and collectibles, growing popularity of block-chain-based gaming as well as the metaverse, rapid adoption of cryptocurren-cy, provision of authentication, and tracking of original owners are key factors driving the Non-Fungible Token (NFT) market revenue growth."

However, the growth of the NFT market is said to expand at an exponential rate by 2030 compared to the market growth of NFTs in the year 2020.



Source- www.emergenresearch.com

Therefore, NFTAVE capitalizes on this market advantage of non-fungible tokens by rolling out an user-friendly, feature-rich, and secure NFT marketplace for a simplified and reliable NFT trading experience.

NFTAVE ECOSYSTEM

NFTAVE endeavors to offer a robust ecosystem that assists NFT aficionados with a hassle-free trading experience. Non-fungible tokens are the future of digital assets, and the project firmly believes that the introduction of a one-stop shop NFT marketplace would bridge the gap between creators and their fans by fetching all essential information of a particular NFT across its listed platforms. On the other hand, NFTAVE emboldens blockchain admirers to understand the concept quickly without any complications by launching an impressive edu-tech-based NFT collection, NFT Academy. Therefore, to be precise, the sound ecosystem of NFTAVE consists of

A Multichain NFT Marketplace

NFT Academy

Multichain NFT Marketplace

NFTAVE's multichain NFT marketplace is a feature-rich platform that is developed with the primitive target of making beginners and experts in the NFT realm seamlessly utilize the technology. As a multichain NFT platform, NFTAVE supports Ethereum, Polygon, and Binance Smart Chain networks to bestow swift NFT transactions. The marketplace allows any creators to tokenize their masterpieces into NFTs, irrespective of their background. To be precise, NFTAVE converts creator's digital work into a collectible by storing the ownership right in the blockchain. The platform acknowledges that the NFTs have opened new avenues for individuals and strives to raise the industry experts by offering the best tools and user experience to support NFTAVE's long-term vision.

Features of Our NFT Marketplace

The following are the exclusive features that make the NFTAVE marketplace a go-to platform for NFT enthusiasts.

Advanced Search The sophisticated search feature in the platform will save the user's time by landing at the right NFT without any hassles.

Explore This feature in the platform will allow participants to explore the available collections on the basis of top sellers, hot bids, top buyers, categories, etc.

Filters

This option allows users to search precisely by offering an assorted range of filters, such as price, type, category, traits, etc.

Wallet Support

The platform will support eminent wallets such as MetaMask, Coinbase, and Wallet Connect to bestow a seamless NFT trading experience.

Listing

The listing feature allows creators/artists to list their NFTs either in an auction or fixed-price sales, depending on their interests.

Transaction History

By simply clicking on an NFT, any individual can view the transaction details, previous owner's history, date of mint, and other trading histories of the NFT easily.

Properties

This section displays the traits of a specific NFT in the collection, which in turn, assists buyers in knowing the rough estimation of the NFT's rarity score.

Share The share feature present near the collectibles will enable participants to share the NFTs across all eminent social media platforms.

Favorite This feature on the platform will enable users to store some of their favorite NFTs all in one place. They need not search for it again to check on it.

Light/Dark Mode Users can switch between the light and dark interface according to their preference.

Live Chat Participants in the NFTAVE marketplace can contact customer support directly through our live chat feature to get their queries answered.

Call or Text This is a special feature that permits users to call directly from the marketplace using 1-800, Whatsapp, and Telegram.

Workflow of Our NFTAVE Marketplace

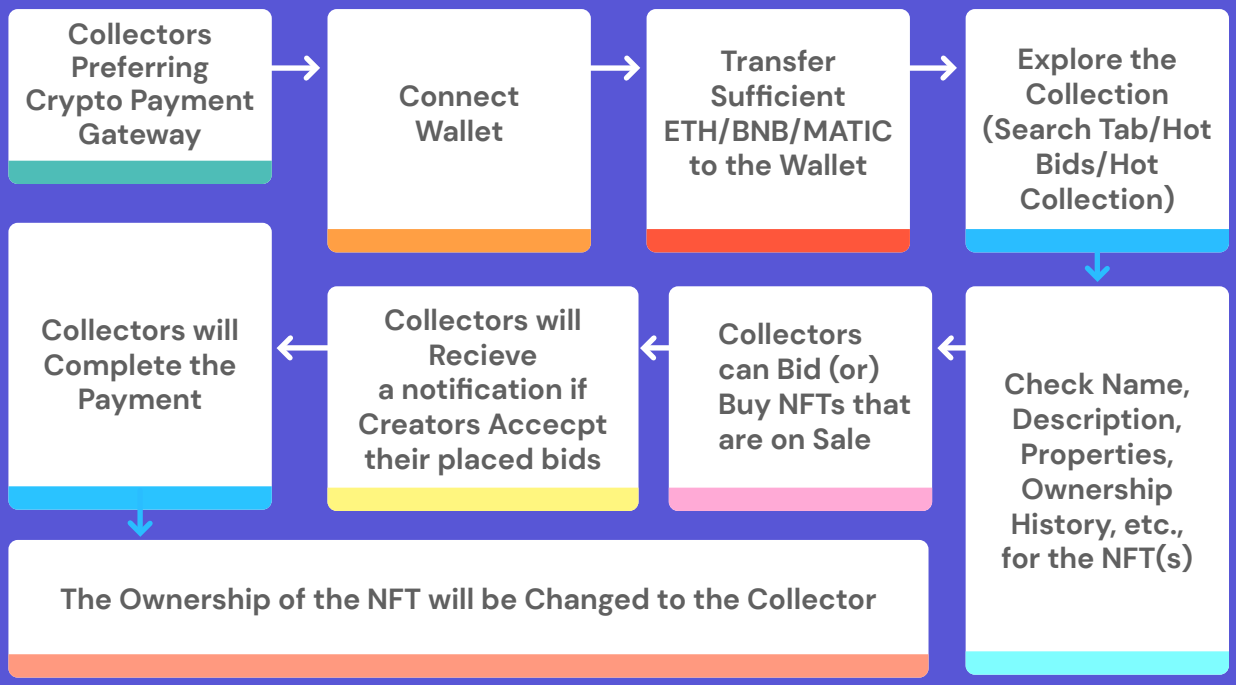
The proficient crew of NFTAVE has designed a user-friendly and engaging interface to make it easy for even the newbies in the NFT sector to purchase, sell, trade, bid, and mint NFTs within a matter of seconds. To give you a clear understanding of our marketplace's workflow, we segregate it into three different categories.

Creator's Flow

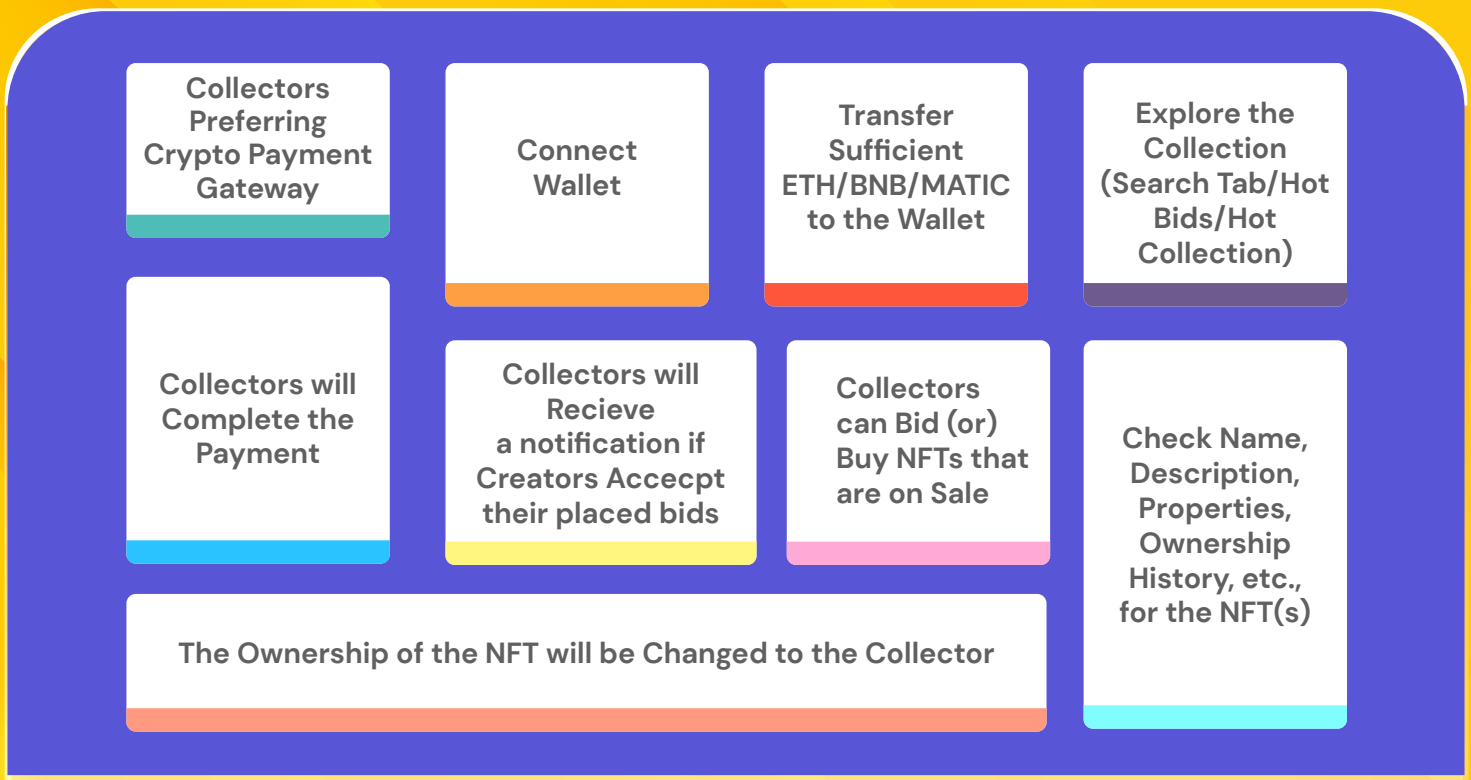
Collector's Flow (Crypto Gateway)

Collector's Flow (Fiat Gateway)

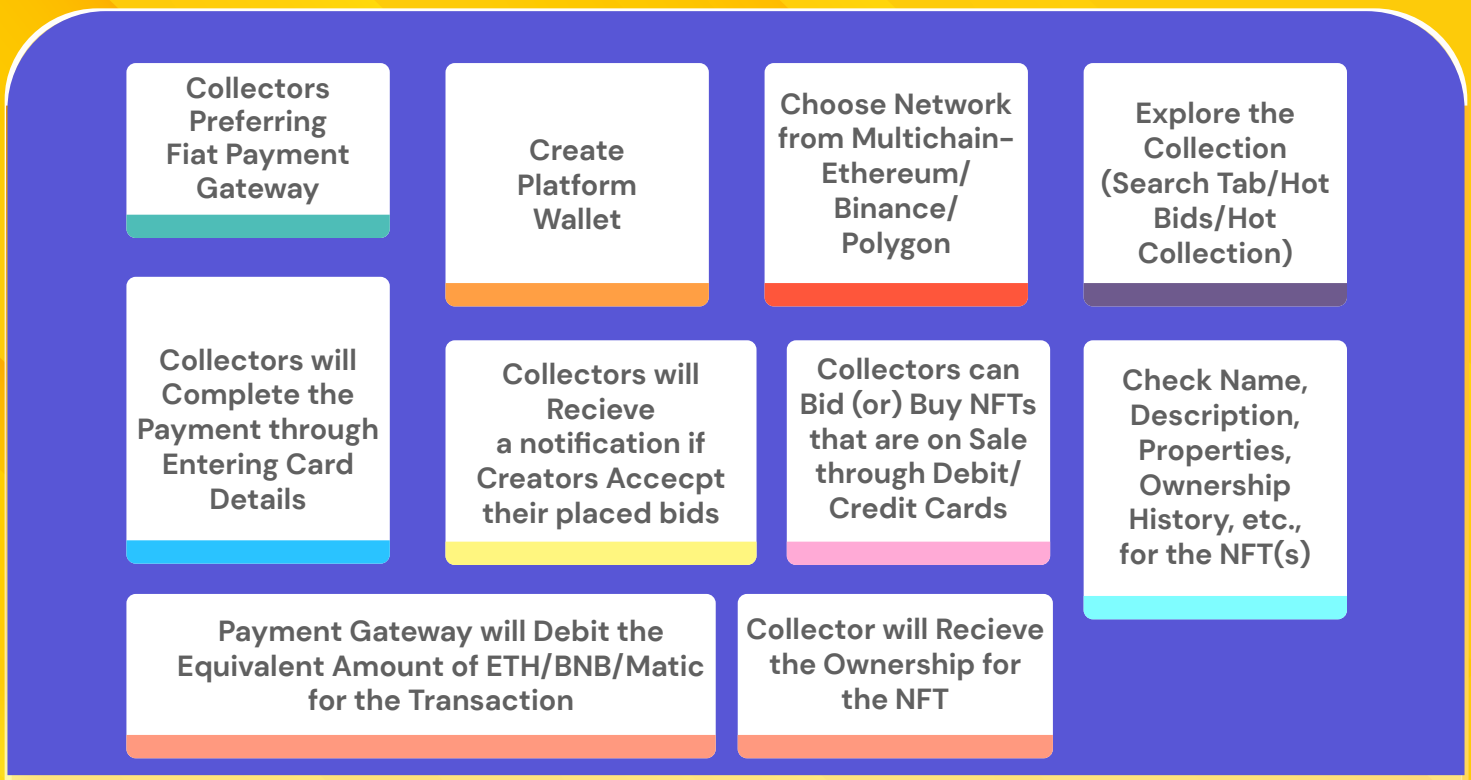
- The above infographics show the simplest workflow for a creator in the NFTAVE marketplace.
- Initially, they will sign up on the platform by connecting their wallet to the required blockchain network (Ethereum/Binance Smart Chain/Polygon). The marketplace will support MetaMask, Wallet Connect, and Coinbase wallets.
- Creators have to ensure that their wallet has enough cryptocurrencies to make transactions. They can have balances in ETH, BNB, or MATIC.
- They can begin their NFT creation by clicking on the Create NFT button. They can choose either a single or multiple edition creation option according to their needs. The single edition is used when creating only one NFT, while the multiple edition option is used when creating an NFT collection.
- Creators then need to provide the basic details of the NFTs, including name, properties, description, title, royalty percentage, preferred blockchain network, listing price, etc.
- Once the basic details are provided, creators can list the NFTs in either auction sale or fixed price sale, depending on their requirements.
- Buyers now come into the picture to place bids or purchase the NFTs at the listed price.
- Creators will be prompted to accept the proposed bids. On accepting the bids, creators will receive the payment, excluding the platform's service fees.
- Also, whenever the same NFT gets traded on the secondary market, the creators will receive perpetual royalties for the set percentage.



- The above infographic shows us the platform workflow for collectors who prefer cryptocurrency payment mode.
- Similar to the creator, they have to sign up to the marketplace by connecting one of their wallets with the desired blockchain network (Ethereum/Binance Smart Chain/Polygon).
- They must have enough balances in ETH, BNB, or MATIC to perform transactions.
- Collectors can explore the NFT collections available on the platform by clicking the Explore button. Also, sections such as hot bids, top buyers/sellers, and hot collections will assist in exploring the best collections in the marketplace.
- On choosing the NFT, collectors will have to check and verify the collection by going through the provided information and previous transactions, if any.
- Once the information is verified, collectors can place bids on NFTs that are on auction sale or propose an offer to purchase the NFTs directly that are listed on the fixed price sale.
- The creators will be notified of the proposed bids and offers.
- On accepting, collectors can complete their payment. The successful transaction will make the NFTs reach the collector wallet, and, at the same time, creators will receive their funds.
- Collectors will now hold the ownership of the asset, and it is up to their wish to hold it for the long-term or flip it for a higher price by listing them on the platform again.



- The above infographic shows us the platform workflow for collectors who prefer cryptocurrency payment mode.
- Similar to the creator, they have to sign up to the marketplace by connecting one of their wallets with the desired blockchain network (Ethereum/Binance Smart Chain/Polygon).
- They must have enough balances in ETH, BNB, or MATIC to perform transactions.
- Collectors can explore the NFT collections available on the platform by clicking the Explore button. Also, sections such as hot bids, top buyers/sellers, and hot collections will assist in exploring the best collections in the marketplace.
- On choosing the NFT, collectors will have to check and verify the collection by going through the provided information and previous transactions, if any.
- Once the information is verified, collectors can place bids on NFTs that are on auction sale or propose an offer to purchase the NFTs directly that are listed on the fixed price sale.
- The creators will be notified of the proposed bids and offers.
- On accepting, collectors can complete their payment. The successful transaction will make the NFTs reach the collector wallet, and, at the same time, creators will receive their funds.
- Collectors will now hold the ownership of the asset, and it is up to their wish to hold it for the long-term or flip it for a higher price by listing them on the platform again.



- The workflow for collectors who prefer a fiat payment gateway is almost similar to the crypto payment gate, with the only difference in the payment mode.
- Initially, they can choose the required blockchain network (Ethereum/Binance Smart Chain/Polygon) in which they have to purchase the NFT.
- Collectors can explore the NFT collections available on the platform by clicking the Explore button. Also, sections such as hot bids, top buyers/sellers, and hot collections will assist in exploring the best collections in the marketplace.
- On choosing the NFT, collectors will have to check and verify the collection by going through the provided information and previous transactions, if any.
- Once the information is verified, collectors can move to place bids on NFTs that are on auction sale or propose an offer to purchase the NFTs directly that are listed on the fixed price sale.
- Here, instead of using a crypto wallet, they can place bids and propose offers through their credit/debit cards as simple as ordering a pizza or an e-commerce checkout.
- The fiat payment gateway will debit fiat by converting the equivalent amount of ETH/BNB/MATIC.
- The successful transaction will enable the collectors to claim their NFTs instantly with immutable ownership rights.

NFT Aggregator API – An NFTAVE's Exclusive

Conventional NFT marketplaces show the listed NFTs in the platform directly for sale, and users can purchase the piece if they find a reasonable price. To make this further simple, NFTAVE integrates an aggregator API in our own marketplace to gather all the details of a particular NFT across every platform where the same NFT is listed. Users can save time and collect comprehensive particulars under one roof without having the need to travel over an assorted range of platforms to know the price, history of transactions, rarity, traits, etc. NFTAVE's marketplace will enable collectors to compare prices and help them arrive at a purchase decision instantly. They need not visit other marketplaces, and instead, they can purchase the NFT from NFTAVE's marketplace.

NFTAVE charges a minimum service fee to execute the transactions in the same marketplace, even if the NFT is listed on the external platform. The various filters that aid users in the search for the right NFT include New Drops, Floor Price, Top Sellers, Preferring the Blockchain Network (BNB, Matic, and Ethereum), Categories, Trending, Rarity, Traits, etc.

List of Information that NFTAVE's Aggregator API Retrieve

The following are the diverse information that NFTAVE's aggregator API brings to the marketplace.

Basic Data

The basic information that the API gathers from the listed platforms includes,

Blockchain

Collection Name

Contract Address

Token ID

Name

Description

Image

Owner Address

Traits

Transaction Hash

Token Price

Token Address

Transaction URL

Time

History Data

This is the information that deals with the transaction history of the NFT.

Total Transaction

Sender Particulars

Receiver Particulars

Transaction Type

Transaction Hash

Price

Gas Fees

Quantity of NFTs

NFT Metadata

Collection Information

This aggregates the data of a particular NFT collection available in the blockchain.

Last Updated

Market Cap

Floor Price of the Collection

Total Number of NFTs

Collection Name

Listed URLs of the Collection in the Marketplaces

Number of Holders

Number of Transfers

Logo

Contracts Standards

Category

Rarity

Social Media URLs of the Collection

Number of Buyers in 24h / 7d / 30d

Number of Sellers in 24h / 7d / 30d

The successful completion of the program will make the students certified NFT experts. Through this certification, they can seek job opportunities in the blockchain and cryptocurrency domain easily. The NFTs will provide physical and digital world utilities to add real value to the holder's portfolio. They will receive exciting member-only benefits and will have lifetime access to the content.

The platform makes the course easily accessible to students and blockchain aficionados by providing it at the cost of just $499 USD. Therefore, the total cost for the program will be $499 + the gas fees of the network. The users can use either ETH/USDT in cryptocurrency or credit/debit cards in fiat to complete the payment.

A unique ID will be given to the buyers, and they can share this ID with their friends and family and can refer them to the platform. NFTAVE values all referrals and appreciates referees with exclusive rewards. Also, the newcomers to the platform will be rewarded for their activities in the marketplace. The detailed referral program is shared in the upcoming section of the whitepaper.

As a matter of bestowing the utmost transparency, NFTAVE offers a maximum of 7 days for users to cancel their purchase of the course in NFT Academy. On a cancellation request raised by the students, the NFTs will be burnt from total circulation/collection. So, by simply filling out a set of 6-8 basic questionnaires, students can quickly get relieved from the course. The amount will be returned to the source wallet, the one that was used to purchase the NFT.

Utilities and Perks of the NFT Academy

The following are the diverse real-world perks and utilities for owners holding NFT Academy.

- Lifetime access to the courses.
- Successful completion of the course will make them certified NFT experts.
- Additional access to upcoming and exclusive content in the program.
- Full access to live streaming events.
- Live coaching on tips and strategies from industry experts.

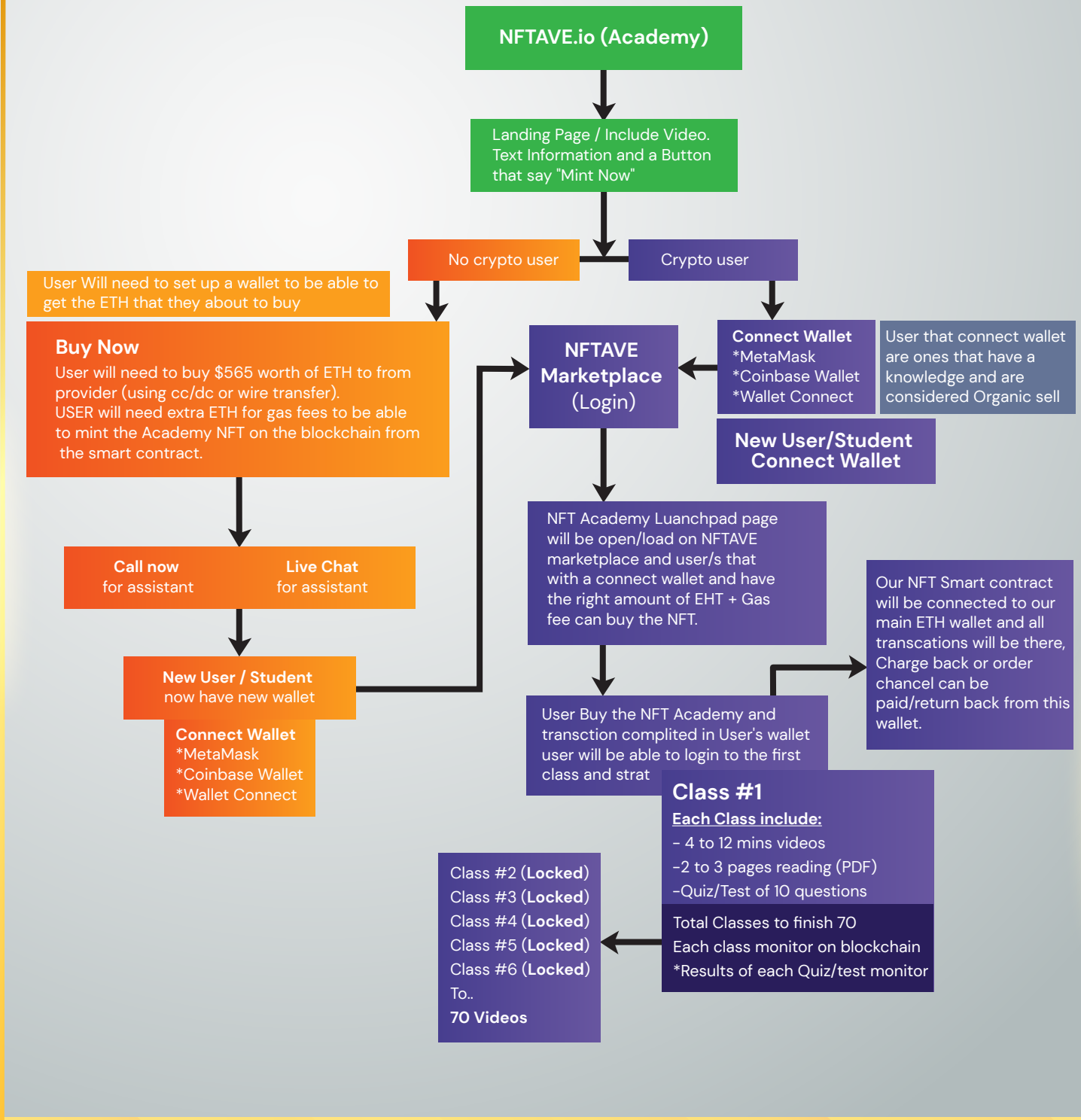
- Knowledge-sharing sessions with subject matter experts.
- One free NFT airdrop once in 3 months for the next 1 year.
- Special invitations to our future events, including free online event tickets.
- Chances to get elected as an active community member or even ambassador in our official community-building channels, such as Discord.
- Exclusive access to our VIP events with industry experts.
- Attractive referral rewards of $99 by inviting two members to take up the NFT Academy course.
- "Black Friday" up to 50% off on all fee transactions for purchasing NFTs on the marketplace every Friday for life.
- Free access to Metaverse worlds, which will be launched in the summer of 2023.
- Privileges to participate in token offering or early airdrop.
- Exciting opportunities to become exclusive partners with NFTAVE.

How Does the NFT Academy Collection Works?

NFTAVE.io is our official landing page that will have the "Mint Now" button by default. It will now redirect users to the NFT Academy launchpad in the NFTAVE marketplace. Users will be able to establish a valid connection to the launchpad by integrating their crypto wallet (MetaMask, Coinbase, or Wallet Connect). It is now the user's decision to purchase NFTs either through a crypto payment gateway or a fiat payment gateway.

Crypto-preferred users can mint the NFT (access key) by paying the course fee directly in ETH/USDT. While users preferring fiat gateway can mint the NFT by paying the course fee through credit/debit cards.

Once the program is purchased, users can start learning the course by watching the videos and reading materials. The only way to advance through the course is to score 60% or above on the quizzes. Until then, the sections or videos will remain locked. Here is the detailed infographic that explains the workflow of NFT Academy.



Furthermore, the NFT Academy holders can get assistance from our customer support through both chat and call options. As students progress through the course, they can even refer the collection to their friends and family who show a great interest in learning the web3.0 fundamentals. They can simply send their referral code to their connections and make them purchase the course directly. Both the referees and newbies will receive special referral rewards for the transaction made.

NFT Academy's Referral Program

NFTAVE gives the utmost priority to the referral program as we firmly believe that customers acquired through referrals will be more loyal than customers acquired through other forms of leads. Holders of the collection will have a unique ID connected to the main wallet, and we verify the count of referrals through this ID. Our system will then process the rewards to the wallet linked to this particular ID, depending on the referrals made. The referees and newbies will receive some exciting rewards for contributing to the platform.

Below is the table that describes the referral program for the NFT Academy collection.

Payback Amount (USD)	Number of New Members
$99	2 Members
$199	4 Members
$299	6 Members
$399	8 Members
$499	10 Members
$599	12 Members
$699	14 Members
$799	16 Members
$899	18 Members
$999	20 Members

This referral program is only for the NFT Academy holder, and only these holders can invite or share with their kith and kin. Also, the new member should purchase the NFT Academy course to win the payback prize. For instance, adding 2 new members to the platform will reward referees with $99 USD cashback. On the other side, newcomers will receive payback with our community social utility token, AVX.

AVX – NFTAVE's Social Utility Token

AVX is the indigenous social utility token of the NFTAVE platform that further strengthens the operations and services. It is an ERC-20 standard token built on the robust Ethereum blockchain, the network known for its reliability and security.

Each time when a user procures the course in NFT Academy, our smart contract will create a fixed number of AVX tokens depending on the tier level, thereby adding new tokens to the total circulation. Initially, the circulation starts from 0 tokens and builds up gradually when users purchase the NFT Academy access. To be specific, for every NFT Academy purchase in Tier 1, we will mint 15,000 AVX tokens, whose estimated token value will be $0.03 USD. Similarly, for a Tier 2 NFT Academy purchase, 14,250 AVX tokens will be minted, and it goes on.

Below is the table that shows the accurate details of the number of holders, mint numbers, tiers, market cap, etc.

Tier / Percentage in Each Round	Number of Users Holding NFT Academy	Total Tokens Mint Per Each NFT	Total Tokens in Circulation	Minimum Estimated Token Price (USD)	Estimated Market Cap (USD)
Tier 1 / -	2500	15,000	37,500,000	$0.03	$1,250,000
Tier 2 / 5%	2501 to 7,500	14250	37,514,250 to 71,235,750	$0.05	$1,250,500 to $3,750,000
Tier 3 / 10%	7501 to 15,000	12825	71,248,575 to 96,174,675	$0.08	$3,750,500 to $7,500,000
Tier 4 / 15%	15,001 to 22,500	10900	96,185,575 to 177,924,675	$0.06	$7,500,500 to $11,250,000
Tier 5 / 20%	22,501 to 30,000	8720	177,933,395 to 243,324,675	$0.06	$11,250,500 to $15,000,000

Tier 6 / 25%	30,001 to 40,000	6540	243,331,215 to 308,724,675	$0.06	$15,000,500 to $20,000,000
Tier 7 / 25%	40,001 to 50,000	4578	308,729,253 to 354,504,675	$0.07	$20,000,500 to $25,000,000
Tier 8 / 35%	50,001 to 75,000	2975	354,507,650 to 428,879,675	$0.08	$25,000,500 to $37,500,000
Tier 9 / 40%	75,001 to 100,000	1785	428,881,460 to 473,504,675	$0.10	$37,500,500 to $50,000,000
Tier 10 / 45%	100,001 to 150,000	980	473,505,655 to 522,504,675	$0.14	$50,000,500 to $75,000,000

Tokens will be distributed for specific purposes after their creation. The following pointers give a clear picture of how the tokens will be distributed.

- 40% of the tokens created will be allocated to NFT Academy Holders (Users/Students/New Members).
- 35% of the tokens created will be utilized to reward the community.
- 25% of the tokens created will go to the NFTAVE.io foundation or the project's ecosystem.

Note: The creation of new tokens will be executed in one of the two following ways.

- The token can be minted at the same time when the user purchases the course from NFT Academy.
- The token can be minted only after 7 days from the order purchase.

AVX Token Utilities

The best part of AVX tokens is its utilities. AVX tokens bestow its holders with remarkable real-world utilities and perks, which significantly contribute to the token growth. The following are the benefits of the AVX token.

Staking: Staking is one of the most important utilities of the AVX tokens. Users can stake the AVX tokens to claim splendid rewards. They can opt for both flexible staking and fixed-duration staking, depending on their interests. Overall, it generates a passive income for the holders who wish to earn good returns by just locking their assets in their wallets.

Payment Mode: AVX tokens can be used as an integral form of payment in the NFTAVE marketplace. Holders can use these tokens to purchase their desired collectibles in the marketplace. They can even use the tokens to swap them for NFTs, which is similar to a decentralized exchange.

Token Swap: The owners of the AVX tokens can swap the AVX tokens with other listed tokens. This enables holders to swap their AVX tokens with the other available tokens that are listed in the centralized or decentralized exchanges.

Gas Fee/Mint Fee: Soon, in the near future, AVX tokens can be used to pay the gas fees or mint fees for the NFTs minted in the NFTAVE marketplace.

Availing Other Services: As a social utility token, AVX can be used to avail of any other services inside the NFTAVE platform. AVX will have the highest priority for any form of payment inside the platform.

These are the primary privileges that holders can enjoy by owning AVX tokens in their portfolio. Also, the tokens will be listed on the DEXs (Decentralized Exchanges) after Tier 2 and on the CEXs (Centralized Exchanges) after Tier 4 or Tier 5.

Staking Reward Program for AVX Holders

NFTAVE stands unique in the NFT realm with its unique yearly APY (Annual Percentage Yield). The platform rewards the token holders instantly with its high percentage of returns comparatively and makes it one of the finest passive income solutions. For every successful staking, dividends will be distributed back to the token holders directly, and the distribution totally relies on the number of tokens staked.

Check this table below to understand the staking functionality of AVX tokens.

Staking Period	Yearly APY	Monthly Percentage	Example: Holder with 10,000 Tokens	Reward Tokens
1 Month	4.75%	0.39%	10,039 Tokens	+39 New Tokens
3 Months	6.25%	0.52%	10,156 Tokens	+159 New Tokens
6 Months	7.00%	0.58%	10,336 Tokens	+336 New Tokens
9 Months	8.00%	0.66%	10,594 Tokens	+594 New Tokens
12 Months	9.00%	0.75%	10,900 Tokens	+900 New Tokens

The Annual Percentage Yield (API) varies according to the staking period. Generally, the higher the staking period, the higher will be the APY. Here, the APY for one month staking period is 4.75% (yearly). Converting this into a monthly percentage, we get 0.39%. Therefore a holder staking 10,000 AVX tokens for a month will receive 10,039 tokens at the end of the month, in which 39 new tokens are the user's profit.

Automated AVX Token Distribution

Here's another table that shows automated token distribution after the mint/creation of each new NFT Academy.

Tier # - % Each Round and Total Tokens in Circulation	NFT Academy New Community Member / New User gets 40%	Tokens that will be Staking Rewards to Existing Members / Users, DEX – CEX, and Liquidity Pools 35%	Tokens that will be Going Back to NFTAVE.io Foundation / Project – Ecosystem. 25%
Tier 1 Total Tokens 37.500.000	15.000.000	13,125,000	9,375,000
Tier 2 37.514.250 To 71.235.750	15,005,700 to 28,494,300	13,129,987 to 24,932,512	9,378,563 to 17,808,938
Tier 3 71.248.575 To 96.174.675	28,499,430 to 38,469,870	24,937,001 to 33,661,136	17,812,144 to 24,043,668
Tier 4 96.185.575 To 177.924.675	38,474,230 to 71,169,870	33,664,951 to 62,273,636	24,046,393 to 44,481,168
Tier 5 177.933.395 To 243.324.675	71,173,358 to 97,329,870	62,276,688 to 85,163,636	44,483,248 to 60,831,168
Tier 6 243.331.215 To 308.724.675	97,332,486 to 123,489,870	85,165,925 to 108,053,636	60,832,803 to 77,181,168
Tier 7 308.729.253 To 354.504.675	123,491,701 to 141,801,870	108,055,239 to 124,076,636	77,182,313 to 88,626,168
Tier 8 354,507,650 To 428,879,675	141,803,060 to 171,551,870	124,077,678 to 150,107,886	88,626,912 to 107,219,919

Tier 9 428.881.460 To 473,504,675	171,552,584 to 189,401,870	150,108,511 to 165,726,636	107,220,365 to 118.376.169
Tier 10 473.505.655 To 522.504.675	189,402,262 to 209,001,870	165,726,979 to 182,876,636	118,376,414 to 130,626,169
MAX Supply of Tokens will 522.504.675	Fully smart contact / token deployment finish on user 150.000	Tokens Distribution: * 50% For staking / Rewards – Community * 30% DEX or CEX * 20% Liquidity Pool/ reserves / Affiliate	

NFTAVE's Affiliate Program for Webmasters or Media Companies

Apart from the referral program, we also have an impressive affiliate program to reward our affiliates for their contribution to the platform. The affiliate will get a credit of $50 for every new sign-up and NFT Academy program purchase on the platform. Furthermore, affiliates have the option to receive commissions in AVX tokens from every NFT Academy that they sell. The number of tokens depends on the tier level, but the cost is fixed at 2.5% for every course purchase. The below table describes the NFT Academy's affiliate program in detail.

Total User/s Buy The NFTAVE Academy	Total Payout for each user new user
1 to 20 user/s	$50 to $1000
21 to 50 users	$1050 to $2500 + ($250 bonus)
51 to 75 users	$2,550 to $3,750 + ($350 bonus)
76 to 100 users	$3,800 to $5,000 + ($500 bonus)
101 to 150 users	$5,050 to $7,500 + ($750 bonus)
151 to 200 users	$7,550 to $10,000 + ($1,000 bonus)

This affiliate program will be very useful for webmasters and media entities as they deal with more online customers.

Additionally, NFTAVE includes a commission program exclusive for Team Leaders or Representatives in the service-providing organizations. For every new NFT Academy purchase in the business processing entities, such as Call Center,

The Team Leader will receive a credit of $5.

Customer Services/Sales Representatives will get $15

TECHNOLOGIES THAT POWER NFTAVE

Blockchain Technology

Blockchain technology is the latest technological advancement in the digital era. Blockchain is a one-of-a-kind distributed database that shows us a secure and transparent way of sharing information. By meaning a distributed ledger system, we mean that the data will be distributed between the nodes or participants in a public or private network. This distributed ledger technology makes the data/information highly secure, transparent, and immutable. These characteristics of blockchain eradicate the mediators in the process and make it highly cost-efficient and time-saving.

Whenever a new transaction or data is added to the network, the nodes will validate and confirm the transaction according to the granted permissions or incentives. This is basically known as the consensus algorithm. When this consensus is reached, a new block will be created and will be added to the chain. Once the block is created, all the nodes will get an update on the block, and the same will reflect on the public ledger. Among all the nodes, the first one to validate and confirm the transaction's legitimacy will receive a reward, and this process is known as mining.

All the stored data on the blockchain will have encryption made via unique hashes conceived with the SHA-256 algorithm. Every new block added to the chain will have the hashes or records of the previous blocks by default. So, new blocks never overwrite the old ones and instead get appended to the previous block, thereby providing a chance to examine the changes all the time. This makes blockchain highly secure, and it is almost impossible for hackers to alter the records.

The advancement of blockchain has paved the way for the development of dApps, DeFi applications, and other potential scopes. Research from the McKinsey Technology Council reports that blockchain-based transactions would contribute up to 10% of global GDP in 2027.

Here are the advantages of businesses adopting blockchain in real-time.

Eliminates risks

Reduces compliance costs

Automates the process with smart contracts

Makes financial transactions simple, secure, and immutable

Eliminates mediators

Cryptocurrency

Cryptocurrencies are the new-age digital currencies that act as payment modes with all web3.0-based applications. Cryptocurrencies use cryptographic encryption algorithms to serve as an economy in the network. The most popular cryptocurrencies are Bitcoin, Ethereum, and Litecoin. To transact or store any cryptocurrency, it is essential for the user to have a crypto wallet, which can either be a software or hardware wallet.

Cryptocurrencies are decentralized in nature, thereby enabling users to transfer digital assets between peers without any intermediaries in the process. It is this peer-to-peer transaction model that has eliminated the need for centralized authorities to oversee or govern the network. Truly a trustless process.

The technological advancement of cryptocurrency has enabled people to quickly process borderless transactions. The first ever cryptocurrency in the world was created by an anonymous person/group of persons called Satoshi Nakamoto, who is also known as the father of Bitcoin. The first launched cryptocurrency, Bitcoin, still remains one of the most valued crypto assets in the web3.0 sphere.

Each cryptocurrency will have its own dedicated blockchain network for which the asset will serve as the native currency. The value of these assets significantly depends on supply/demand, circulation, and utilities. In addition, cryptocurrency transactions are irreversible, unlike fiat payments, which solves the problem of double spending.

Non-Fungible Tokens

One of the latest trends that seize the attention of web3.0 enthusiasts is non-fungible tokens (NFTs). The name non-fungible is self-explanatory. These tokens are digital assets offering a unique identity for the digital content they represent on the blockchain network. The unique identity here we mean is the immutable ownership right.

Ethereum was the first-ever blockchain network to roll out the concept of NFTs. Each NFT is unique from one another, meaning no NFT is interchangeable with one another. The value of non-fungible tokens greatly depends on the rarity and traits of the piece. They have the ability to represent both tangible and intangible

Non-fungible tokens are more than just art or collectible. The use cases of NFTs are extensively unfurling their potential to numerous other sectors in the real world. Typically NFTs can be any creative digital content like photos, videos, GIFs, audio files, gaming collectibles, and much more.

There are different standards for NFTs depending on their use, uniqueness, and rarity. ERC-721 was the first standard for NFTs that were created on the Ethereum network. These 721-standard NFTs offer more uniqueness than other assets and will not be similar to any other NFTs in the collection. However, 1155-standard is the other standard in the NFT that may have similar editions. These NFTs reduce the transaction and minting costs but implement batching multiple NFTs with a single, smart contract. The aforementioned NFT standards may differ according to each blockchain network, but their functionality remains the same across different networks.

The Use-Cases of NFTs

As the NFT use case fits into a broad range of applications and workings, here are the NFT applications that are widely adopted and some of the prominent examples in the web3.0 sphere.

Art NFT One of the first things that come to mind when talking about non-fungible tokens is the artwork. NFTs have transformed the art industry to a whole new level by providing artists with a phenomenal chance to tokenize their artworks. NFTs are a boon for artists as it assists them in proving their ownership over their masterpieces, creating revenue opportunities, and receiving royalties lifelong.

Music NFT Musicians across the globe can greatly benefit from tokenizing their original music content into NFTs. Converting their music album into non-fungible tokens enables the rightful owner to exercise immutable ownership over their music album or songs.

Video NFT Any moving picture which is tokenized on the blockchain network are video NFTs. Unique videos with splendid elements can be highly valued video NFTs. Any viral videos or famous content creators' clips can be converted into NFTs.

Gaming NFT The gaming industry and NFT are yet another successful winning combination. Gamers can have a unique and immersive gaming experience in the metaverse by tokenizing the in-game assets, such as characters, player emotes, skin, accessories, etc., as NFTs. The assets and its numbers will remain transparent all the time and gives a gamer a feeling of pride that he/she is the only person in the world to own such an asset. Furthermore, the extended use-case of NFTs monetizes the player's gameplay and generates good revenue through play-to-earn games.

Metaverse Compatible NFTs While web3.0 technological advancements are aligned with the metaverse, NFTs have a key role in providing users with a unique experience in the metaverse. NFT holders can integrate their NFTs into the metaverse platform and represent their characters or assets in the virtual world.

Sports NFT Iconic moments in games have always been celebrated by the audience worldwide. Converting these iconic moments into non-fungible tokens will give immutable ownership rights to sports enthusiasts. However, apart from these moments, even collectible playing cards, memorabilia, and player's accessories can also be made as NFTs.

Fashion NFT Fashion NFTs enable users to purchase accessories and clothes as NFTs. The users can integrate these NFTs with their metaverse character to flex in the metaverse. In addition, brands can also bundle both physical and digital NFTs to give users an out-of-the-world experience.

Domain NFT An identity is important for any company or individual. Converting domain names into non-fungible tokens enables users to have a unique identity on the web3.0 realm for their businesses. Unlike traditional domains, NFT domains incur a one-time payment for registration, and they need not be renewed every year.

Collectibles NFT Collectible NFTs have the potential to rise in value rapidly. Any collectible which is unique and authentic can be converted into an NFT to serve as a collectible NFT. Rare and unique pieces can be tokenized on the blockchain network to represent digital content virtually.

Real Estate NFTs are a game changer for the real estate sector. Users can convert their real-life land plots into NFTs and can swiftly sell them to people across the globe without any complex paperwork and procedures. In addition, through fractional NFTs, the land plots can be divided into equal ratios and can be sold to different people, thereby increasing the accessibility of the NFT.

Utility-Backed NFTs Apart from NFTs offering a sense of ownership over unique assets, the utility gives a strong purpose for holders to own an NFT. The real-world or virtual-world utilities add genuine value to the owner's portfolio and give them an assorted range of benefits. On the whole, utilities are one of the best ways to increase NFT adoption.

Similarly, non-fungible tokens are presently witnessing mass adoption in many regions of the world, and many businesses have started adopting NFTs in order to leverage their brand identity. Therefore NFTs are undoubtedly a pioneering technology for entrepreneurs seeking an ingenious way to promote their businesses.

Smart Contracts

Smart contracts are a set of codes that are stored on the blockchain and get executed when some specified conditions are met. Smart contracts play a paramount role in automating a process so that every user in the platform can clearly witness the smooth flow of work without the involvement of any intermediaries.

Basically, smart contracts operate on a simple "if/when...then.." logic that is written as a code on a blockchain and triggers the action when the predetermined stipulations are met and verified. Once the action is completed, the smart contract will update the blockchain, and the permitted users can see the results in real-time. The best part is that once the smart contract is deployed, the rules of the workflow or the process cannot be altered. So, the action cannot be reversed or altered, thereby giving blockchain applications an immutable nature. The diverse features that set the standards of smart contracts include autonomy, customizable, self-verifying, self-enforcing, and deterministic. The perks of using smart contracts include,

Accuracy & Efficiency

These contracts are digital and automated by default, and they execute the process at the moment when specified stipulations are met. This speed and immutability of smart contracts make a process highly accurate and efficient.

Highly Transparent

The contracts eliminate the need for third parties, and also sharing encrypted information across all users in an ecosystem makes it no way possible to alter the data for personal benefit. Therefore smart contracts make the process highly transparent.

Security

With its storage on blockchain, it makes it highly impossible for fraudsters and hackers to hack the data. This is because each block will be connected with the previous block through its hash, and changing the data for a hacker in one particular block would involve changing all the blocks in the chain.

Saves Time & Costs

Since they eradicate the need for middlemen, it vastly reduces the cost and time required to complete a required work or process.

Ethereum

Ethereum is one of the eminent open-source and programmable blockchain networks in the world. Ethereum network was launched in 2015 and served as a cornerstone to rapidly roll out hidden use cases of the blockchain.

The innovation of the Ethereum network by Vitalik Buterin and other co-creators has paved the way for the advancement of DeFi applications (dApps). The primary objective of the network is to overcome the drawbacks of the Bitcoin network, which is only used only as a payment architecture to send, receive, and trade Bitcoins. So, Ethereum is developed as an infrastructure where developers can build their own decentralized applications using smart contracts (a piece of programming code that instructs how a process should work). This, in turn, led to various use cases such as DeFi, NFTs, games, and whatnot. In fact, Ethereum is the first blockchain network to introduce the concept of non-fungible tokens to the globe.

The native cryptocurrency of Ethereum is Ether (ETH), which is the second largest cryptocurrency in terms of market capitalization after Bitcoin. This indigenous currency of the network enables the users to transact funds, stake and earn rewards, trade with other cryptocurrencies, buy non-fungible tokens from NFT marketplaces, and much more.

The Ethereum network first began its web3.0 journey with the Proof-of-Work (PoW) consensus mechanism. The network recently switched to the Proof-of-Stake (PoS) consensus mechanism as a fix to its scalable problem and global warming through its 'Merge' process. The Merge is the first step to switching Ethereum's consensus mechanism to Proof-of-Stake from Proof-of-work. However, Ethereum 2.0 will be equipped with PoS, which results in high-speed transactions, high security against hacks and attacks, and scalability to accommodate more transaction numbers in a second.

Being a decentralized blockchain, Ethereum extends its network to thousands of computers that participate in the process as nodes. This enables the network to uphold the transparency and decentralized characteristics of web3.0. Furthermore, the native currency of the blockchain, ETH, serves as the economy for dApps transactions in the network.

This blockchain uses Solidity as its programming language, and the developers can use this language to build applications on top of the Ethereum network. This distinct programming language is also utilized to develop smart contracts facilitating transactions, creating machine-level codes, and compiling the codes on EVM (Ethereum Virtual Machine).

BNB Smart Chain

BNB Smart Chain is yet another open environment network that makes transactions scalable, secure, and immutable in the blockchain. Earlier it was started as Binance Chain in 2017, and later it evolved into Binance Smart Chain in 2020 by acknowledging the revolutionary growth of DeFi and dApps in the year.

Initially, Binance Chain offered users only staking and governance utilities. The blockchain network rewarded users with staking BNB rewards, and holding onto the BNB enabled users to cast their valuable votes counting to any major change which takes place in the Binance Chain. Subsequently, recognizing the rising demands of DeFi, Binance Chain switched to Binance Smart Chain with the robust support of smart contracts in its architecture. The network was then integrated with smart contracts to facilitate the growth and boom of dApps, NFTs, and crypto.

Currently, it is Build n Build (BNB) Smart Chain, a decentralized and distributed blockchain network enabling masses to develop decentralized applications. In order to empower the masses to adopt the BNB chain and build decentralized applications on the chain swiftly, it uses programming languages such as Golang, Java, Javascript, C++, C#, Python, and Swift.

The BNB Smart Chain is equipped with smart contract programs, consensus layers, hubs to multi-chains, and Ethereum Virtual Machine compatibility, unlike the previous version. In addition, the current BNB Smart Chain is Ethereum Virtual Machine compatible, paving the way for interoperability. This cross-chain ability of the network enables projects on other EVM-compatible chains to shift their base to BNB Smart Chain easily.

BNB Smart Chain uses a unique consensus mechanism to validate the transactions occurring on its network. It uses a combination of Proof-of-Stake and Proof-of-Authority consensus mechanisms which is known as Proof-of-Staked Authority (PoSA). The network elects its own validators to validate the transactions and, however, people who wish to validate transactions in the BNB Chain have to stake BNB coins. In addition, the PoSA consensus mechanism enables the blockchain network to process transactions in less time and decreases the block time.

According to the BSC News website, "Currently, BNB Chain has a 3-second block time with its PoSA consensus. It can handle a maximum of 300 transactions per second (TPS). Furthermore, when the BNB ZkRollup launches in 2023, it is projected to be able to handle up to 10,000 TPS."

Moreover, with regard to the gas fees, the BSC news has mentioned that the gas fees in the network are very low compared to other leading blockchain networks. The gas fees in the BNB Chain costs range from $0.20 to $0.50 per transaction.

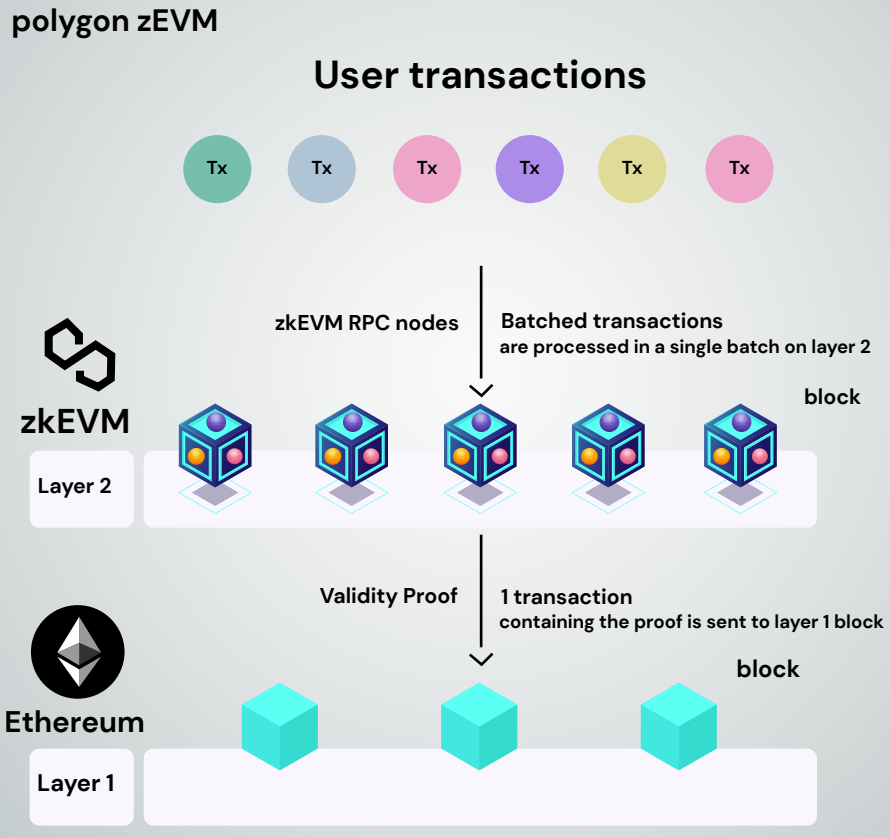
Polygon

With the aim of making web3.0 available for everyone across the globe, Polygon serves as Ethereum's layer two solution enabling blockchain developers across the globe to build decentralized and scalable applications where users can benefit from ultra-speed transactions at a low gas fee.

Polygon, which was initially known as Matic, was developed to address the scalability and network congestion problems in the Ethereum network. Polygon serves as a fix to Ethereum's scalability by processing the transactions in the second layer of the blockchain. After processing the transactions in this layer, the network then returns the transaction to the main chain (Ethereum), where the block is created to store the transaction data. To be precise, Polygon utilizes an innovative ZK (Zero Knowledge) roll-up technique to roll the transactions and process them in a batch. This mechanism paved the way for Ethereum to become scalable and avoids network congestion extensively.

The Polygon network is one of the fastest-growing blockchain networks that is witnessing a huge adoption rate through its higher throughput nature. It is a multi-chain ecosystem for Ethereum, and projects can hugely benefit from its architecture through its sophisticated functionalities.

Below is the diagram that depicts how user transactions are batched in layer 2 (Polygon) and sent back to layer 1 (Ethereum).



MATIC is the native currency of the Polygon blockchain network, which enables dApps and DeFi applications to transact in the network. The network uses a Proof-of-Stake consensus mechanism to validate the transactions. There is a wide range of advantages for blockchain enthusiasts worldwide to deploy their projects on the Polygon network. The perks for choosing the Polygon network include but are not limited to interoperability with the existing Ethereum network, achieving a transaction speed of 65,000 transactions per second, and low transaction fees. Therefore, the Polygon network levies much lesser gas fees comparatively while maintaining the high standards of the Ethereum network.

The Polygon network uses programming languages, such as Golang, Solidity, and Vyper, for dApp development. As the blockchain uses Proof-of-Stake Plasma-based sidechain, the sidechain is linked to the Ethereum mainnet.

TECH STACK BEHIND NFTAVE

Front-End

HTML

CSS

Back-End

Ruby on Rails

Node.js for Smart Contract Integrations

Database

MySQL DB

Storing the IPFS and the NFT Files

Pinata

Server

AWS (The Server on which the NFTAVE Runs On)

Security Measures

Advanced SQL Injection

Cross-Site Scripting - 3 Types (Reflected/Persistent/DOM)

Self XSS to Reflected

Remote File XSS Attack

XSS Attack through File

Command Injection/Execution

Server-Side Request Forgery

File Inclusion (LFI/RFI)

Directory Traversal

Source Code Disclosure

Script Source Code Disclosure

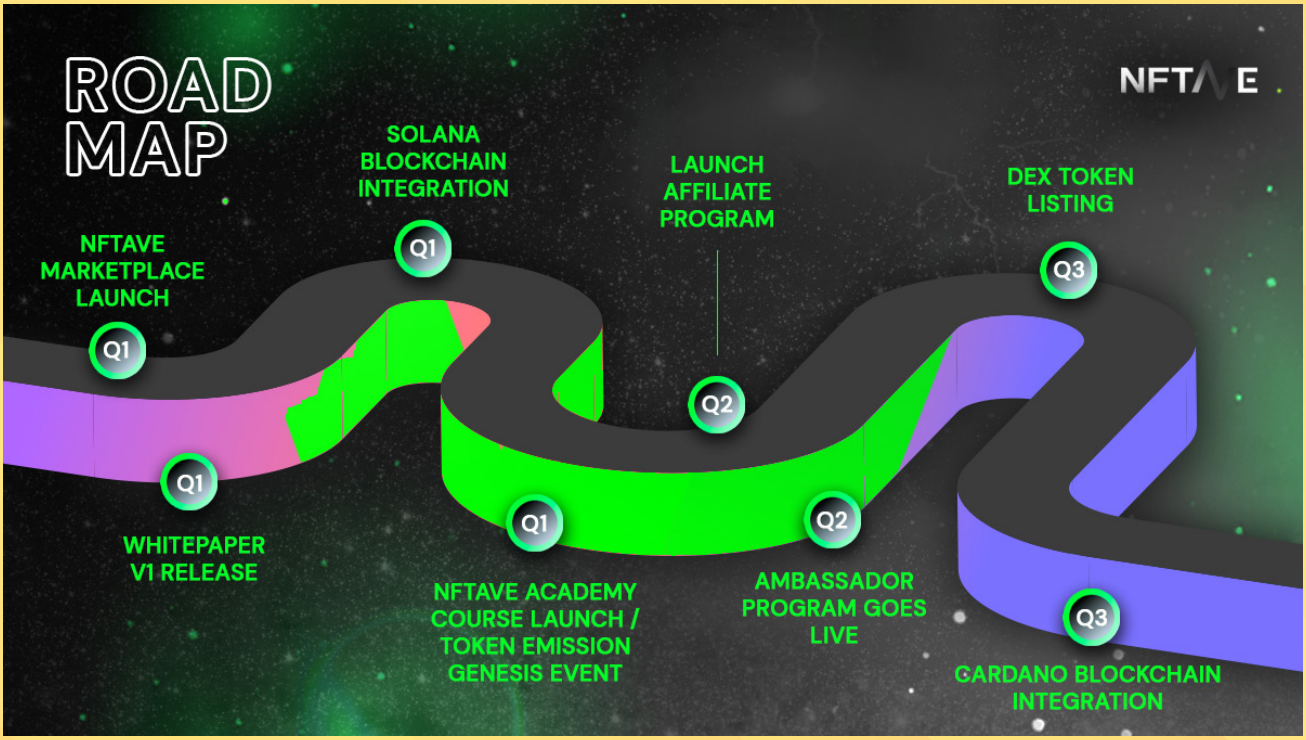
HTTP Parameter Pollution Attack

Host Header Attack

TOKENOMICS

TOKEN NAME	NFTAVE COIN
TOKEN SYMBOL	AVX
TOKEN TYPE	ERC-20
DECIMAL SUPPORT	
TOTAL TOKEN SUPPLY	522.504.675
SUPPLY TYPE	CAPPED
ACCESS TYPE	OWNABLE
VERIFIED SOURCE CODE	YES
MINTABLE	NO
BURNABLE	YES
SOFT CAP	HARD CAP

ROADMAP


ROAD MAP
NFTAVE
NFTAVE MARKETPLACE LAUNCH
Q1
WHITEPAPER V1 RELEASE
Q1
SOLANA BLOCKCHAIN INTEGRATION
Q1
NFTAVE ACADEMY COURSE LAUNCH / TOKEN EMISSION GENESIS EVENT
Q1
LAUNCH AFFILIATE PROGRAM
Q2
AMBASSADOR PROGRAM GOES LIVE
Q2
DEX TOKEN LISTING
Q3
GARDANO BLOCKCHAIN INTEGRATION
Q3

CONTACT PARTICULARS

You can reach out to us through any one of the following mediums:

Website	https://linktr.ee/nftave
Twitter	https://twitter.com/NFTAVE1
Instagram	https://www.instagram.com/thenftave/
Discord	https://discord.com/invite/JEVRHeVvue
Telegram	https://t.me/NFTAVE
Facebook	https://www.facebook.com/NFTAVE