



**BUILDING THE FUTURE OF QUALITY & ACCESSIBLE HEALTHCARE
USING BLOCKCHAIN TECHNOLOGY**

WHITE PAPER

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It is our firm conviction that the information provided in this white paper is accurate and up to date and that all products, services, technical architecture, NFT and token distribution, and company timelines are accurate and up to date. Furthermore, all of these materials may have changed without notice, and they can never be considered a signatory agreement of advice.

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Not Advice



Investment
Risk



No Liability

ABSTRACT

When it comes to non-fungible tokens (NFTs), or the emerging form of digital certificate that certifies an asset as being one-of-a-kind, the world seems to be split into two camps: pro- and anti-NFT camps. Those belonging to the former camp tout it as a novel approach to finance and own digital media; while those against NFTs point to – among many other things- their devastating effects on the climate.

But beyond \$69.3 million-worth NFT art and relying on technology that consumes as much energy as a whole country, NFTs represent a unique potential in the digital health age: that of patients, rather than companies, owning their own digital healthcare data. With such a level of ownership, patients could leverage its advantage to monetise their data rather than have companies profit off them, as has been traditionally the case.

Given the novelty of NFTs, their untapped potential in healthcare might not be known, let alone what NFTs are and how they work. This article will walk you through the basics of NFTs, how they can further empower patients in the digital health age, as well as raise concerns pertinent to the technology.

This Whitepaper lays out the business model, technical foundations, and economic mechanisms of MOSQ.



ABOUT US

Solmosquito is a collection of 10k uniquely generated mosquito_like NFT arts with dozens of traits living on the Solana blockchain. It is a social investment project with the goal of having a significant impact on the fight against malaria.

NFT sale is live, the proceeds will be used to fund the entire project(the MOSQ APP).

We will be donating a total of \$10,000 to the malaria course.

The blockchain industry has witnessed tremendous growth and popularity in recent years. The Non-Fungible Token or NFT space has thrived due to its unique application of blockchain technology and is quickly becoming one of the primary use cases for blockchains and blockchain companies today.

The MOSQ app will provide maximum utility for our NFT and the \$MOSQ token, other existing features (NFT staking, DEX) will be integrated into the app.

- In app drug authenticity scanner.
- Consult with a doctor from anywhere in the world securely.
- In app NFT staking to earn \$mosq token rewards.
- In app Solana based Dex to trade your to trade your favourite tokens.
- Hospitals and other medical facilities can create and send patients medical reports privately as NFT's via the MOSQ APP.
- The \$mosq token is the official currency for in app payments for the MOSQ APP.



VISION

BUILDING THE FUTURE OF QUALITY & ACCESSIBLE HEALTHCARE USING BLOCKCHAIN TECHNOLOGY.

We are currently developing the (MOSQ) app which will provide of utilities for our NFT and more importantly provide accessible healthcare to thousands of potential users worldwide through strategic partnerships with health institutions and healthcare services providers. App features includes: Live secure peer-to-peer medical consultation, drug authenticity scanner and more.A



STAKING

NFT staking or farming involves locking up your rare assets on a blockchain protocol or smart contract to yield interest. Generally, staking is one of the many ways to earn passive income in the crypto space considered safe, highly rewarding, and low investment risk (beware of scammers, though).

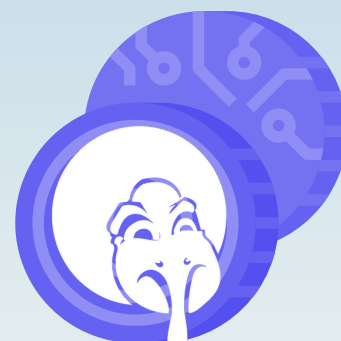
Blockchains that use the proof-of-stake (PoS) mechanism to process transactions require that validators stake their cryptocurrencies to confirm blocks of transactions. In addition, the duration and yield for staking are usually pre-determined before the crypto assets are locked to a network, keeping them out of circulation for a given period of time.

Because NFTs are non-fungible, they cannot be staked on many DeFi platforms supporting other cryptocurrencies. Therefore, a few projects are dedicated to creating staking protocols for NFTs. If you want to stake crypto, you need to transfer your NFT to a protocol that enables such or mint an NFT associated with a staking pool. Before transferring your asset, you must first confirm if your NFT is stackable on such a platform. Here are a few NFT staking platforms.

For PoS blockchains, staking is the vital function that allows these networks to process transactions and stay secure. In addition, staking rewards for blockchains and Web3 platforms usually come in the form of network transaction fees or interest.



ECOSYSTEM



BLOCKCHAIN USED FOR MOSQ

Solana:

Solana is the fastest blockchain in the world and the fastest growing ecosystem in crypto, with thousands of projects spanning DeFi, NFTs, Web3 and more.

Integrate once and never worry about scaling again. Solana ensures composability between ecosystem projects by maintaining a single global state as the network scales. Never deal with fragmented Layer 2 systems or sharded chains.

No KYC and AML

Regulatory requirements require individuals to submit identification documents and proof of address for KYC/AML (Know Your Customer/Anti- Money Laundering) compliance. As part of our DEX, all forms of identification are not required for verification, allowing users to remain anonymous.

Additional Features

Powerful Matching
Engine Multi-layer
Security Proprietary KYC
and AML Verification for
NFTs Escrow System
Atomic Swap
Dispute Management
Preferred Trader
Selection Admin Panel
Multi- language Support



APP FEATURES

DRUG & INVESTIGATION

- In app drug authenticity scanner. About the drug authentication scanner we intend working with pharmaceutical companies to eliminate fake drugs from circulation. The scanner authenticates the drug and also shows the manufacturing and expiring date's.



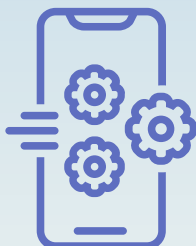
ONLINE MEDICINE

- Consult with a doctor from anywhere in the world securely. The doctors consultation function will help people in remote areas or in need of some medical advice reach out to doctors around the world for medical advice. The doctors can decide to monetize this function if they want to.



NFT & REWARD

- In app NFT staking to earn \$mosq token rewards. The staking feature benefits only Solmosquito NFT holders, for now they can mint from the minting site and stake when the staking function becomes available.



APP FEATURES

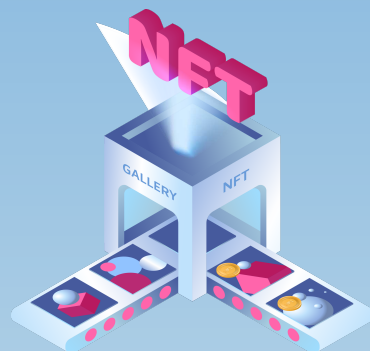
DEX

- In app Solana based Dex to trade you to trade your favorite tokens. The DEX allows \$mosq holders to sell their tokens and any other Solana based token including Sol and USDT.



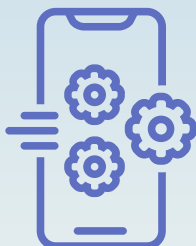
REPORTS AND NFT

- Hospitals and other medical facilities can create and send patients' medical reports privately as NFTs via the MOSQ APP. There's also a function that allows hospitals and health facilities to tokenize and send medical reports as NFTs to patients. We believe it's a more efficient and confidential way of handling people's personal information.



PAYMENT SUPPORT

- The \$mosq token is the official currency for in app payments for the MOSQ APP.



MARKET OVERVIEW

The blockchain market in healthcare was valued at USD 2.12 billion in 2020, and is expected to reach USD 3.49 billion by 2026, with a CAGR of 8.7% during the forecast period, 2021 - 2026. In 2018, the Illinois Blockchain Initiative (IBI) launched several pilots, including a birth registration pilot to develop secure identity solutions and a pilot to develop blockchain health provider credentialing solutions. Proposals like these are expected to improve the market conditions.

- In 2018, the healthcare industry continued to be plagued by data breaches involving sensitive patient information, with public reports of hacking and phishing incidents, reminding how vulnerable the patient data remains. According to the Breach Barometer 2019 Report, more than 15 million patients' records were breached in 2018. Such incidents allow blockchain vendors to launch new solutions.
- Government mandates require healthcare industries to come up with innovative ways to manage their assets. From February 2019, the Falsified Medicines Directive (FMD) came into force across the European Union. These prescription medicines came with a security feature enabling the hospitals, pharmacies, or healthcare providers to verify their authenticity.
- One of the biggest challenges faced by the healthcare industry is a lack of understanding and awareness of a trustless system. Most of the applications of blockchain are in the BFSI sector. Additionally, the bad reputation of bitcoin, highlighted by the media, discourages market expansion.
- Drug authenticity scanner by using the drug authentication scanner we intend to work with pharmaceutical companies to eliminate fake drugs from circulation. The scanner authenticates the drug and also show the manufacturing and expiring dates.
- In health care by using blockchain Doctors and other health professionals can earn passive income by the use of NFTs.
- By using social media platforms reach more audiences through the app.

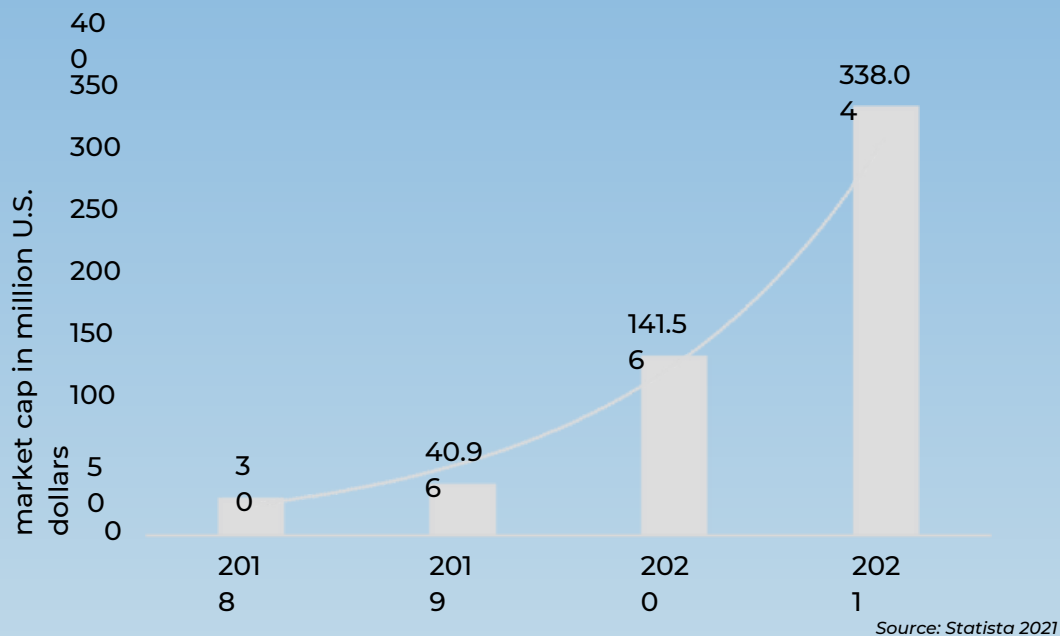


NFT'S SUMMARY

Background

NFT started with Crypto punks, CryptoPunks is a non-fungible token (NFT) collection on the Ethereum blockchain. The project was launched in June 2017 by the Larva Labs studio, a two-person team consisting of Canadian software developers Matt Hall and John Watkinson. The experimental project was inspired by the London punk scenes, the cyberpunk movement and electronic music artists Daft Punk. The crypto art blockchain project was an inspiration for the ERC-721 standard for NFTs and the modern crypto art movement, which has since become a part of the cryptocurrency and decentralized finance ecosystems on multiple blockchains.

NFT market cap from 2018-2021



- In 2018, the NFT industry market cap was measured at just over \$30 million. In 2019, the crypto winter hit the market and was notably a down year for the blockchain industry. However, the NFT market cap rose by 33%, weighing in at \$40 million.
- In 2020, the market cap continued on its path of growth. At the end of the year, it was at roughly \$141.56 million.

- 2021 was the breakthrough - NFT transactions tripled, reaching more than \$338.04 million.
- Today's entertainment, game, art, and Finance industries are buzzing about NFTs. This includes musicians earning millions of dollars through releasing their own NFTs, to professional athletes launching their own NFT companies and gaming clubs looking for opportunities to mint their own NFT tokens.

The market cap of NFT shows a fast-moving development, growing nearly ten-fold between 2018 and 2021. NFTs have rapidly gained popularity among gamers, artists, celebrities, and influencers as a way to digitize their brands or IP rights. Any fan, no matter if they admire a music band, a football team, or Harry Potter books, loves to collect merch and memorabilia, and won't miss the chance to get to a Meet & Greet, a concert, or a match (as soon as the pandemic is over). Thus, it's only natural that dedicated fans and collectors are so into NFTs. The new way of collection and fan experience.



NFT'S OVERVIEW

What are NFTs

NFTs ("non-fungible tokens") are one-of-a-kind tokens that signify a specific good or asset, such as digital trading cards. They can be sold on NFT marketplaces, minted, auctioned, or used as assets in Financial projects that are yet to be released.

Their main properties are:

Non-fungible tokens contain within their code information that describes the properties of each token that make them different to

others. A piece of digital collectibles might have coded information about individual pixels, while tokenized game assets might contain ownership, size and feature details.

• **Traceable:**

Each NFT has a record of transactions on-chain, from when it was created, including every time it changed hands. This means each token can be verifiably authentic and not a counterfeit – obviously a very important thing for owners and prospective buyers.

In order for non-fungible tokens to be attractive for buyers, they should be probably scarce. This will ensure that assets remain desirable in the long run and that supply does not outstrip demand.



- **Indivisible:**

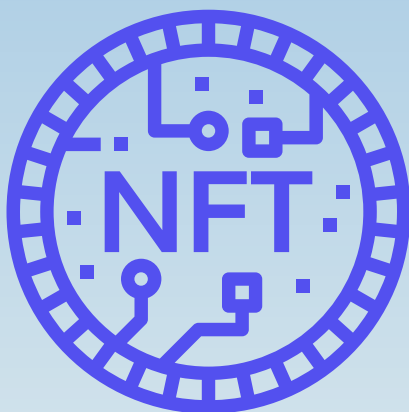
NFTs mostly cannot be transacted as some fractions from the whole. Just like how one cannot purchase half of a game asset. Ticket or trading card, non-fungible tokens cannot be split into smaller denominations.

- **Programmability:**

Like all traditional digital assets and tokens built on smart contract blockchains, NFTs are fully programmable.

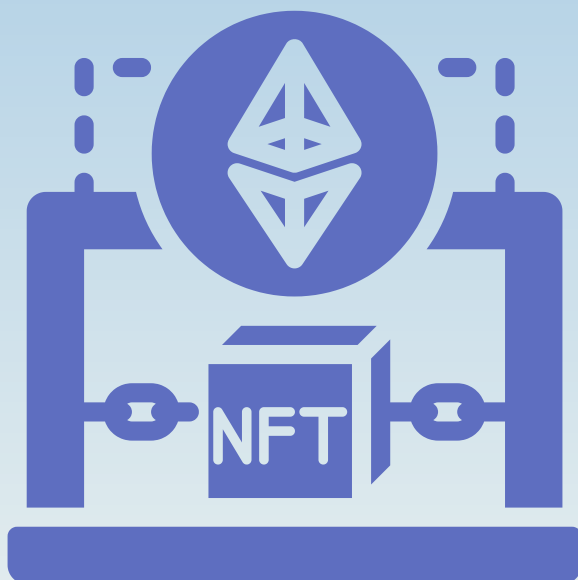
What do we tokenize

As you can imagine, NFTs, which are created by the SolMosquito protocol, can be extremely powerful since they can represent literally any asset, digital or real. Below are just some uses for our NFTs:



NFT MARKETPLACE

MOSQ is a vital part of our ecosystem dealing with NFT'S. Non-fungible tokens (NFTs) are unique, non-interchangeable assets, minted on-chain. These Tokens can be linked to anything from digital Meta NFT to physical assets. The core attributes of NFTs give them unique value and categorically separate them from other types of assets. These properties include being verifiably unique and indivisible. The transparent nature of the underlying code means that the scarcity and ownership of any given token are evident without the need for a trusted intermediary. We view the emergence of NFTs as a continuation of a paradigm shift from centralized to decentralized systems. This framework is now unlocking fresh business models for the creators of digital and physical collectibles. MOSQ is a widely known NFT project. The underlying token for each MOSQ encodes a unique genome that defines its appearance, traits, and hereditary lineage. This cannot be replicated and cannot be transferred without the user's permission.



SWAP DEX

Swaps have come a long way in a short time. Crypto swap providers have made it simple to swap cryptocurrencies without the complex process of logging in to multiple exchange accounts. Even some wallet providers have streamlined the process.

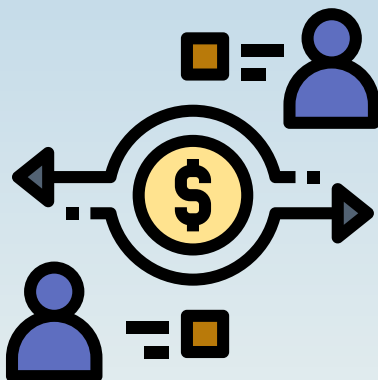
As an important part of a defi ecosystem, these services have their niche and serve it well. But what about when users want to track multiple swaps? Is there a way to do that easily?

Thanks to MOSQ app, this process just got a whole lot easier. But before we dive into the details, let's take a quick look at how swaps work and how they fit into the whole blockchain ecosystem.

Swaps occur when a trader wants to exchange directly between trading pairs. For example, if a user wanted to add Bitcoin to their portfolio but only had Ethereum, a swap would need to take place.

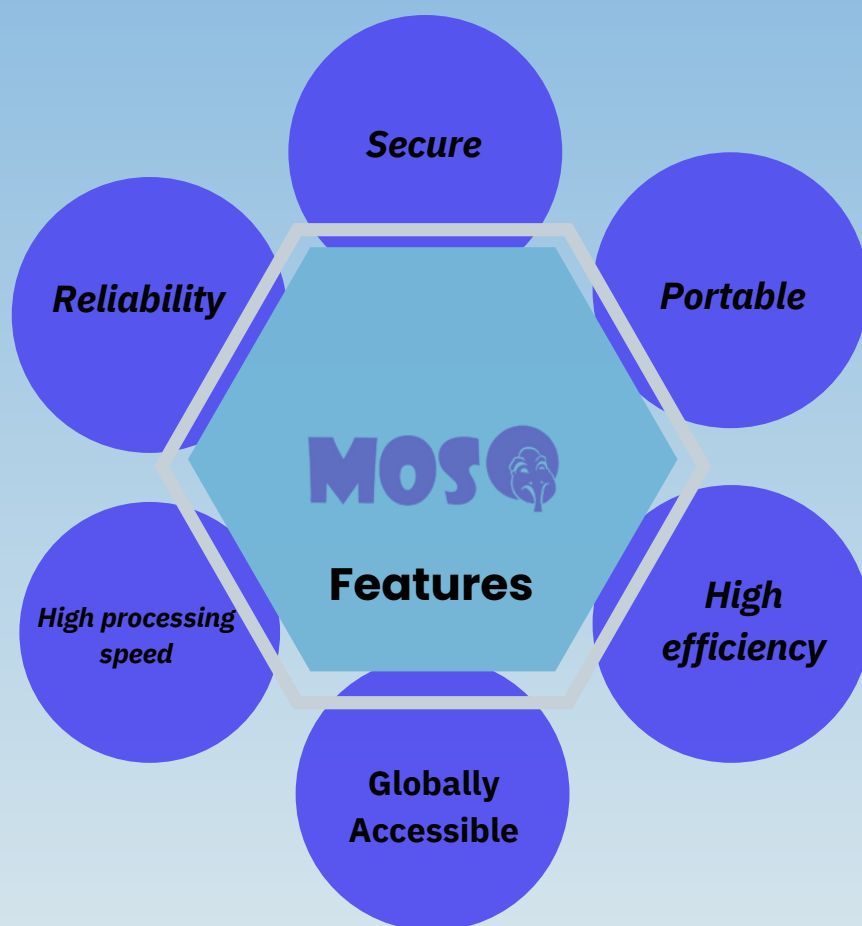
In the past, this was a complicated process that required many steps and multiple accounts, but thanks to crypto swap providers such as Changelly, ChangeNow, SwapSpacem, the Kyber Network and others, it is a lot more user-friendly. Beginners especially benefit from these service providers who have simplified the bewildering mix of choices between a centralized exchange, a decentralized exchange, and the plethora of options for accounts.

Swapping should be a simple activity, and so should keeping track of swaps, which is where MOSQ mobile app comes in handy with its ability to track multiple DEX swaps.



DECENTRALIZED EXCHANGE

It is an easy, fast, and secure exchange in a truly decentralized way. Solmosquito NFT is going to create an ecosystem where people mint and buy tokens on decentralized exchange. It is a peer-to-peer (P2P) that connects buyers and sellers. The Exchange is non-custodial, meaning a user remains in control of their private keys when transacting on a DEX platform.



BENEFITS

It is profitable in digital currency because it generates rewards by holding the Token/NFT on any trade and generating automatic revenue. In a decentralized society, it is the easiest technique to perform when a financial backer possesses a Token and designates the pool. This app creates an opportunity for medical practitioners in all fields of medicine and patients alike. It provides a decentralized limitless reach and an extra source of income. Made possible by the blockchain technology.

App users will also earn \$mosq tokens as rewards, funds can be used for in-app purchases or withdrawn.

Our target market is in those regions of the world with low quality healthcare system and the world at large.

There are a couple of quantifiable advantages of Holding with Solmosquito.

NO HARDWARE IS REQUIRED

Unlike proof of work, there is no need of a specific equipment or hardware for crypto staking. Proof of stake works with no equipment requirements. The only requirement is to hold the Token for an interval of time by the holders on any exchange



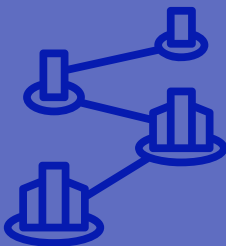
PASSIVE INCOME

Stakeholders earn incentives by holding and controlling their digital wealth. Passive income for the beneficiary is the reward of holding with our Token.



SCALABILITY

In the Blockchain world, scalability is a concept that is often used. It refers to a computational process's potential to be used or generated in a variability of ways. Proof of stake protocols, as shown by Solmosquito Token higher transaction outputs and lower fees, make for greater scalability.



ECO-FRIENDLIER

Because Proof of stake blockchains consume less energy, they are more environment Friendly. Thus, they have a lower carbon footprint and have little or no environmental effects.



MORE COST-EFFECTIVE

Proof of stake blockchain are always inexpensive and less energy- consuming platforms with no particular and expensive hardware requirements. Unlike proof of work chains more cost-effective and eco-friendly. So, the stakes can earn more passive income by using Solmosquito.



HIGHLY SECURED

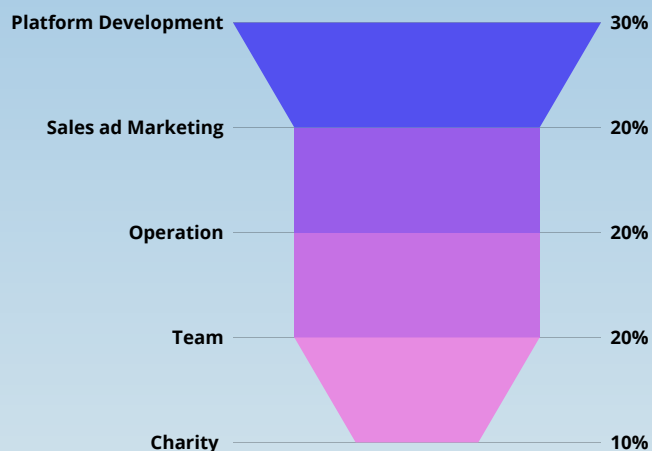
The biggest issue in the modern world is security and privacy, Solmosquito provides a swift and stable portal that is backed by the contract, making it superior to others. Solmosquito NFT contract is offering a highly secure and fast platform to the users for staking crypto.



NFT REVENUE DISTRIBUTION

TOKEN DISTRIBUTION

- 30% Platform development
- 20% Sales and Marketing
- 20% Operation
- 20% Team
- 10% Charity(going to Anti-Malaria NGO` s)



TOKEN DETAILS

TOKEN NAME : Mosq Token

TOTAL SUPPLY : 1,000,000

SYMBOL : \$mosq

BLOCKCHAIN : SOLANA

- 50% of tokens will be put on public sale & 50 will be paid as rewards for NFT staking and app usage.
- 100% of proceeds from token sales will be injected back to the project.



NFT ROAD MAP

STAGE#1

- Launch of NFT collection of 10,000 unique SolMosquito 's exhibiting multiple traits.
- Public sales will go live via our website for a fair price on 07/02.
- Listing on secondary market (MagicEden) immediately after public mint.

STAGE#2

- Charity wallet is created with a percentage of revenue deposited to fund our mission.
- Public donations will be made to our partner Anti-malaria NGO's.

STAGE#3

Team Expansion

- At this point we plan on building a stronger team of developers and marketing professionals to take us through the remaining stages of the project.

STAGE#4

Launch of the the \$mosq Token

- The \$mosq token is the governance token for the Sol Mosquito NFT collection which will help us handle our staking feature and will also be used for transactions on the upcoming MOSQ app.

STAGE#5

Launch of our Dex

- Our Dex will be launched on the Solana network as an independent project but will also provide utility for the \$mosq token and will also feature in our upcoming app.

STAGE#6

MOSQ app/Website Launch

- The MOSQ app will provide maximum utility for our NFT and the \$MOSQ token, other existing features (NFT staking, DEX) will be integrated into the app.

APP ROAD MAP



STAGE#2

NFT STAKING

- Stake your NFT to earn \$mosq rewards

STAGE#1

LAUNCH OF THE \$mosq TOKEN.

- Airdrop of tokens to NFT holders.
- Token public sales.

STAGE#3

DEX LAUNCH

- A DEX for trading Solana tokens on and off the app.

STAGE#4

LAUNCH OF THE MOSQ APP

- Launch MOSQ_IO 1.0 BETA

STAGE#5

MOSQ 1.0 LIVE

- and Many More

CONTACT US AT



TWITTER <https://twitter.com/mosq>



TWITTER <https://twitter.com/solmosquito>



DISCORD <https://discord.com/solmosquito>

Need More Information?

Please visit our website for more details



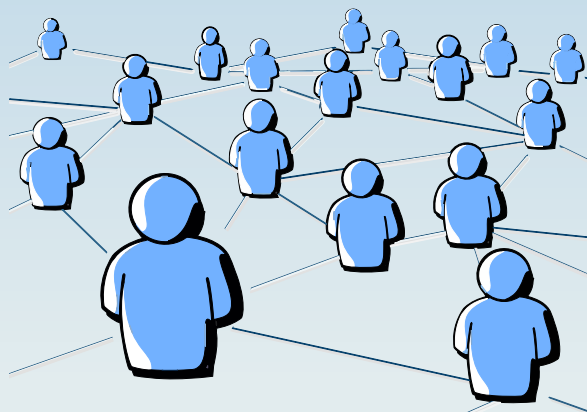
MOSQ <https://www.mosq.io/>

Minting Website



SOLMOSQUITO <https://www.solmosquito.art/>

FOLLOW US ON SOCIAL MEDIA TO STAY UPDATED WITH OUR PROJECT!





THANKS!
FROM MOSQ TEAM

WHITE PAPER