FESS

Future Of Electronic Settlement System

WHITEPAPER

VERSION 1.0

CONTENT

1. **Executive Summary**

2. **Introduction to the Blockchain and its role in Electronic Transactions**

   2.1 Rise of Bitcoin
   2.2 Shortcomings

3. **Scope of Improvement**

   3.1 Security
   3.2 Scalability
   3.3 Speed

4. **Objectives of Fesschain**

5. **Introducing Fesschain**

   5.1 Our Approach
   5.2 Proof of Proof Methodology
   5.3 Benefits of Proof of Proof

6. **Working Mechanism**

   6.1 The Mechanism
   6.2 How is it different from Sharding?

7. **Technological Framework**

   7.1 Neutrino Framework
   7.2 DApps and Fesschain

8. **Fesschain Powering Business and Enterprises**

   8.1 Fess and Scalability
   8.2 Fess Tokens: A True Utility
   8.3 Augmenting the Smart Contracts

9. **Applications of Fesschain**

   9.1 In-house DApps Platform
   9.2 FessPay
   9.3 Apparel Brand
   9.4 Fitness Training Application
   9.5 Supply Chain Framework
   9.6 Content Sharing Platform
   9.7 FESSLEXO
   9.8 FESSEX: The FESS Exchange
   9.9 Future Developments

CONTENT

10. Security Features

11. FESS Token

    11.1 Token Details and Tokenomics
    11.2 Token Utility

12. Roadmap

13. Team

14. Legal and Regulatory Compliance

15. Disclaimer

16. Glossary

EXECUTIVE SUMMARY

Fesschain is a blockchain based platform that has been diligently designed by integrating the versatility of Artificial Intelligence into the current tech development space. The architecture of Fess' blockchain aims to power an array of services with its unique Neutrino Framework. However, the foundation of the objectives vouches for building an effective conjuncture between the blockchain technology and solutions to the real-world problems.

The advantages of blockchain technology are no more a secret, and at FESS we are not only seamlessly harnessing it but also putting our best foot forward to deliver an optimized solution that will be beneficial to everyone, be it an individual or a large business entity.

> ***The primary parameter which differentiates Fesschain from other blockchain based solutions is, its underlying framework and working mechanism, which is solely designed to optimize the existing blockchain functionality and enhance security, speed & scalability.***

Transactions over the internet are one of the primary necessities of today's fast-paced world, and through FESS Chain, we are determined to improve the quality of electronic settlement systems. Hence the name FESS: The Future of Electronic Settlement Systems completely justifies it.

Apart from numerous other advanced features at Fess with a real-world utility, an in-house ultra-secured cryptocurrency exchange is also on the cards. We will also launch a utility token named FESS, helping the whole-ecosystem to achieve its long-term vision that is: One Token powering every necessity. All this and more lots makes Fesschain a robust and complete blockchain based platform. Moreover, a young and enthusiastic team with a multivariate background and relevant industry experiences serves as the backbone of this project.

INTRODUCTION TO THE BLOCKCHAIN AND ITS ROLE IN ELECTRONIC TRANSACTIONS

Ever since the inception of the Barter System, the concept of Exchange is prominent in human existence. It has evolved over centuries, and transactions between two or more parties have become pretty customary. Then by the end of the 20th century came the Internet, which eased up this process and enabled us to transact with any entity across the world, discounting the needs of any physical medium. However, banking on trusted third parties had always been part of this transactional procedure.
To put it, we had always been dependent on a centralized authority to carry out all financial transactions as well as maintain the records. Furthermore, entities had no control over their assets. And due to this, the perils of fraudulent activities are always around.

2.1 Rise of Bitcoin

Off late, a Visionary and founder of the world's first cryptocurrency, Satoshi Nakamoto introduced the concept of peer to peer(P2P) electronic system. This P2P was running on a decentralized network (the blockchain), thus mitigating the existence of a centralized authority. Blockchain seemed to be the perfect solution to several big woos related to electronic transactions. One could transfer anything of value over the blockchain, and also store it in a secure and immutable manner, thus making it virtually impossible to damage or tamper transactional records.

2.2 The Shortcomings

Downsides and loopholes are always an underlying prospect with something ground-breaking, and Blockchain was no different. Ever since its inception, it has been applied in numerous avenues including real estate, supply chain, asset management, financial houses, and more.
However, the technology is still crippled with very fundamental issues, which is potentially preventing its wide-scale adoption. At FESS, we are looking to address all such significant issues and come up with a more refined blockchain experience which will enable flawless electronic transactions, in addition to several other promising applications.

SCOPE OF IMPROVEMENT

Every invention has one thing in common, and that is the NEED, and blockchain is no different. Cryptography is an old method of securitization and used heavily in the World war ear. Though the same technology is no more relevant today and for the same reason, it has been upgraded over time. Blockchain was another addition in this upgrade, and the credit of introducing it to the common public goes to bitcoin. Though the periodic update was not enough and impregnated three significant issues of-

3.1 Security:

Transactions and data recording within the blockchain are a function of the network. A network is usually vast, with hundreds and thousands of nodes working together -verifying, authenticating, and recording (mining) data. Such a colossal setup develops voids making it vulnerable to cyber-attacks. In technical understandings, it is known as the 51% attack. Thus, if any entity within the network gets hold of more than 50% of the system by simply tweaking a couple of codes, then the entire purpose of decentralization is lost.

A few entities or nodes would then be able to control the data authentication and mining process. This, if executed, will bring us back to the same concern, where we would be required to trust specific powerful nodes/entities for storing and keeping a tab of the user's valuable data. Thus, there has to be a different data authentication method, which does not only nullify this risk but also do away the shortcoming in security. Unfortunately, most of the existing blockchain based platforms are aligned to the same path of concern.

3.2 Scalability:

One of the primary concerns of blockchain application in the mainstream is its scalability. In the blockchain, data is being recorded in blocks. Every block has a specific limit of data holding capacity. Once this limit is reached, complex mathematical calculations reveal a hash with the help of which the block is being sealed, essentially making it tamper proof. The hash of a previous block is interlinked with the data to be recorded in the next block. This characteristic strengthens the irrefutable nature of blockchain.

However, with every set of transactions being recorded on the blockchain, the number of blocks increases with the growing number of users. Every subsequent block has more data than its previous block, as it carries the history of the last block. In such a scenario, blockchains get overburdened with a massive amount of data, making it slower with every passing transaction. It also makes it challenging to deploy blockchain technology in fields dealing with substantially massive data.

3.3 Speed:

Continuing from the previous point of scalability, transactional speed is an equally essential concern, which needs to be taken care off at the same time. The whole essence of electronic transaction is to carry out dealings between entities, in a comparably quicker and secured manner over the lethargic legacy systems. Due to heavily overburdened networks, transactional speed faces a significant blow which only gets slower with the passing time.

OBJECTIVES OF FESSCHAIN

Blockchain technology holds immense potential to revolutionize possibly every sector in the mainstream and beyond. However, to date, we have not seen a full-scale adoption of this technology. Most of the blockchain based platforms today, surviving with superficial- notions. The promises made by them are either not practically possible or zero possibilities to attain it in the real world. It is one of those significant challenges every upcoming blockchain project is facing today. Fortunately, at Fess, the idea came way before the project was unrevealed before the world.

FESS does not only suggest a way to harness the true potential of blockchain but also put the best steps forward to make it suitable for implementation at all scales. At the same time, Fess is also committed to delivering a sustainable platform with the flexibility to embrace potential future dynamics of blockchain tech and its applications. Real world use cases are our principal target as a theoretical approach only looks good on paper.

At Fess, our primary goals are:

1) To create a universal settlement system on our blockchain offering both security and high transactional speed, while maintaining a decentralized workflow.

2) To execute a decentralized fiat-less economy through our blockchain.

3) To optimize and secure all supply chain frameworks to our blockchain.

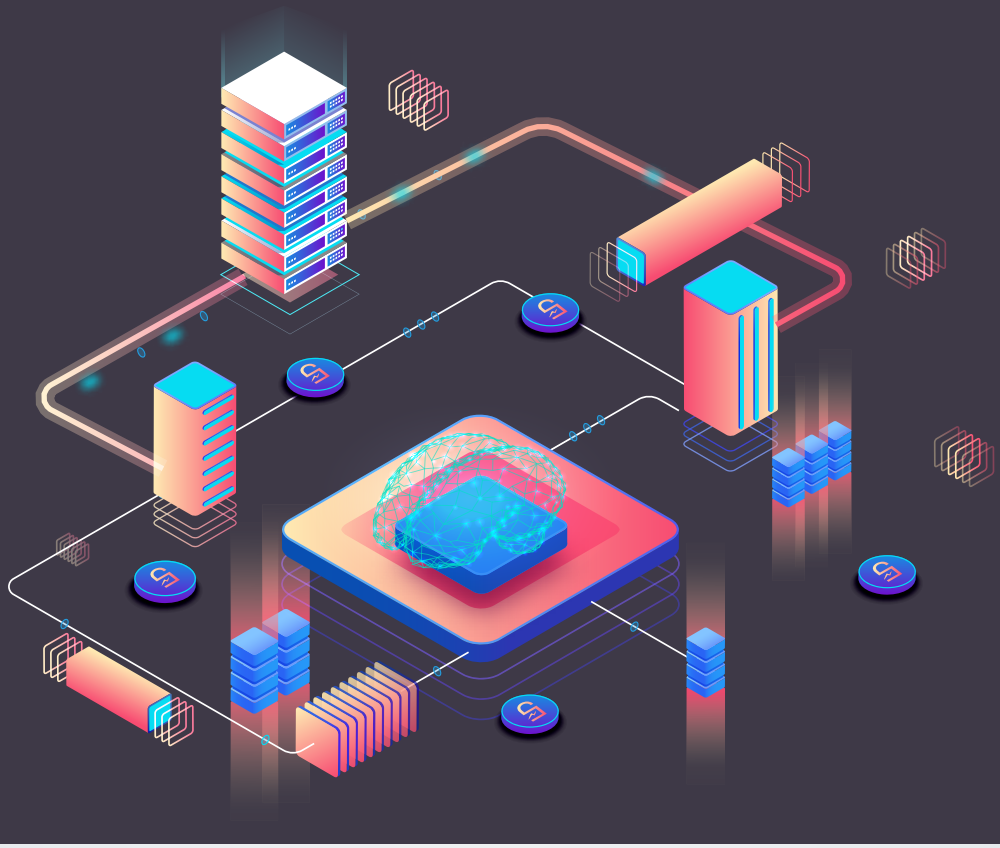
4) To build a decentralized exchange for all kinds of goods and services; optimizing the age-old barter system with the help of advanced technology.

5) To provide a complete support environment with safety, security, and scalability features to existing projects and exchanges operating in crypto Space by offering them across the chain transaction facility.

6) To provide the best possible supply chain to implement ZERO BUDGET AGRICULTURE.

Fesschain is the first of its kind, open blockchain which is being designed with a significant focus on revolutionizing the financial sector, by devising a sound electronic transaction system. The advantages of cryptocurrency and transacting in the respective environment is not unknown. However, the platforms available for transacting in cryptocurrency are not robust enough.

We have come up with a simple, unique, yet effective solution to address these drawbacks. To do away the existing loopholes, Fesschain focusses on both security and scalability issues of existing blockchains running and being used all over the world at a single go.



5.1 Our Approach

We acknowledge the fact that, while most other blockchains are unviable for practical applications, the blockchain implemented in Bitcoin is exceptionally diverse and robust, which essentially makes it impossible to hack (though it's getting slower with every passing day). Thus, we have harnessed the technical superiority of Bitcoin blockchain in terms of security and integrated it with fesschain to come up with the most trustworthy blockchain in the crypto space.
Further fess brings a unique authentication method for transactions on the board, making our blockchain hackproof. So, fesschain has super-fast transaction speed topped with the security of Bitcoin.

5.2 The Proof-of-Proof (PoP) Methodology

Today, sharding in conjugation with Proof of Stake (PoS) is being used by most of the existing blockchains. However, the PoS mechanism poses the risk of digital coin owners being able to hog the entire network. If they place sizeable orders of coins at once and hold onto the majority of the coins in existence, it increases the likelihood of them dominating the network, thus forging most of the future blocks, and earning the coins made from these blocks.

Such characteristics give rise to an oligarchy whereby it is in the best interest of these coin holders to make changes that benefit them the most. And since sharding in a whole can't be exercised on Proof of Work (PoW) so creating shards is not a possibility.

5.3 Benefits of Proof of Proof

FESS, on the other hand, is combining Proof of Proof (PoP) methodology with AI and basic features of sharding into a new blockchain. Fesschain verifies every block with blocks mined on the Bitcoin blockchain and/or the timestamp of each transaction recorded within the block, thus deeming itself practically unhackable. Even if someone hacks into our blockchain, the very next block verifies back and returns where the original verified block was mined.

The underlying motive of this model is to stimulate the wide-scale adoption of blockchain technology, by ensuring speed and security, which will substantially impact the most concern worth section of the financial sector i.e., electronic transaction systems.

WORKING MECHANISM

Fesschain is a multi-layered blockchain, where both recording and verifying of transactions on the network takes place in a two-step procedure. Every transaction before being recorded is confirmed either with its timestamp or with blocks mined on the Bitcoin blockchain or both. This is the first of its kind data authentication method, which makes this Blockchain extraordinarily secure and trustworthy.

6.1 The Mechanism

Since we are determined to improve the transaction speed, we have devised a unique method, which will potentially enable 400-950 transactions per second with ease. On our blockchain, there will be **fragmented and parallel processing of transactions,** a process through which our blockchain's core power will be divided into fragments to enable simultaneous and parallel processing. This will be materialized through dynamic coding and AI implementation. The entire issue of slow transaction speed arises from the blockchains being overloaded by a huge volume of transactional data at a particular point of time. This makes it extremely difficult for mining and/or verification nodes to process data quickly.

Our mechanism somewhat reduces the dependency of transaction speed on the processing power of nodes. FESS Chain's AI-powered technology will create one or more sub-chains and transfer excessive data on to these sub chains, depending upon the need of our blockchain at a particular point of time i.e., depending upon the existing load of data on our blockchain. Once the data is being processed on these sub-chains, it will move back into the parent chain and will be escalated further towards its destination.

6.2 How is it different from Sharding?

While this might sound somewhat similar to sharding, there lies a significant difference. Shards are theoretically distributed data saved at different nodes, which ultimately jams up the chain with more data. However, FESS only stores Proof of Transaction and bypasses unnecessary information to keep the chain light. It substantially reduces the load on the chain and increases the transaction speed. We do not save all the data in the main chain, but we only process these fragmented data parts in virtually operated nodes.

TECHNOLOGICAL FRAMEWORK

The whole technological framework can be broadly understood in terms of 'Neutrino Framework', powering the fesschain ecosystem. Apart from that, this part of the document will also explain how fesschain will improvise the way DApps till date are being developed and run. In fact, it is also one of the major reasons which made way for the existence of fesschain.
We will understand both of these forebodings on case by case basis.

7.1 Neutrino Framework

The fesschain is majorly driven by the powerful Neutrino Framework which is the key to its speed amplification with the increasing volume of data. This Framework makes sure the blockchain doesn't clog with the unnecessary data so that the maximum transaction speed can be ensured even at the high transaction requests. The goodness of another plus point in this framework that brings up the bitcoin's blockchain security to the next level.

The Framework

The Whole Neutrino Framework is divided into 5 Phases or 9 Stages. These stages sums each and every activity takes place during any odd transaction on the fess blockchain.

1. Inputs Initiated

In this phase, the transaction requests are initiated and forwarded to the Data Optimisation Phase.

Stage-1

At the first stage, there are multiple transactions are requested from the users' end on the blockchain.

2. Data Optimisation

This phase is completed in two crucial stages. The received inputs in the phase 1 will be converted into a data type which is blockchain friendly and then the process of trimming of the raw data into relevant data will be initiated. Another important step, the fragmentation of the data takes place under this phase.

Stage-2

In the second step, the requested Transaction Data is developed into the respective blocks in order to make it system friendly

Stage-3

Once the blocks are developed then the third stage comes into existence where these blocks are sent to the parent node. This is a very important step as all blocks are processed to churn out the relevant data. This is achieved through the 'Data Fragmentation'. Under fragmentation, data is broken into the smallest unit parts possible so that the unnecessary data and space both can be taken care of.

3. Data Validation

This phase comprises three stages. The fragmented data converted into blocks from the previous phase is arranged into random manner with the versatility of artificial intelligence. Thereafter the data verification starts to make sure only relevant data is stored on the blockchain.

Stage-4

In the 4th stage, the freshly processed data is sent to randomly arranged virtual nodes with the help of artificial intelligence so that the networks can process it.

Stage-5

Once the data is moved into the randomly ordered virtual nodes the next process comes into action. In this stage, the available Sub-nodes validate the entries. After verification, the data from here is forwarded to the next stage where the entries will be recorded on the blockchain.

Stage-6

The verified and relevant blocks now become part of the blockchain.

4. Data Aggregation

Once the data is fragmented, optimised and validated to find his mainstay in the blockchain. It's high time the data is aggregated so that every irrelevant data request can be dropped and the precious block space on the blockchain can be saved.

Stage-7

Once the entries are received then all blocks are verified with the Bitcoin's mined blocks for aggregation.

Stage-8

Now as the data has been sorted, fragmented, validated and aggregated. The 8th step is what is visible to the user that is the DATA, the Relevant data which has now been saved in the Fesschain's blockchain.

5. Completion

Stage-9

Now the relevant entries are recorded and the Transaction has been successfully completed.

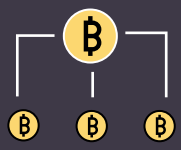
It may sound like 9 different long stages that are going to take some several minutes or so. But the story is completely different. The Algorithm of Fesschain is optimized to deliver up to 900 such transactions within a second. All this without compromising even an iota of security.

TECHNOLOGICAL FRAMEWORK

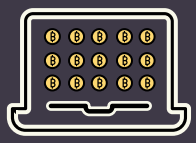
7.1 Neutrino Framework

1. Multi Transactions Requested

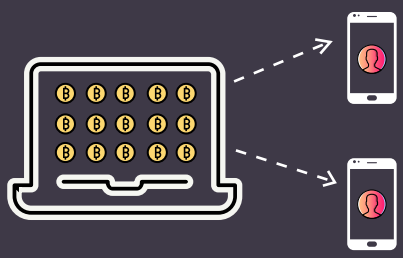
2. Transactional Data Created into Blocks



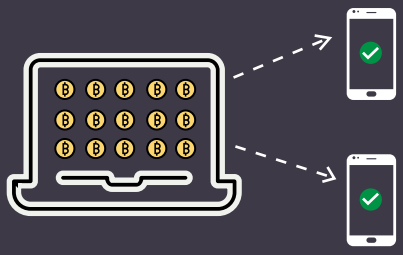
3. Blocks Sent To Parent Node And Fragmented Into Unit Parts Possible



4. Sent To Randomly Created Vurtual Nodes From AvailabLe Nodes In Network To Process

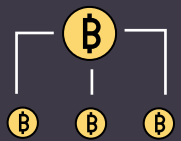


5. Sub-Nodes to Validate The Work & Data Sent

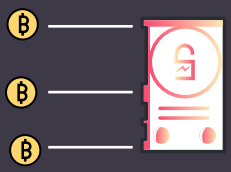


6. Blocks are Added To The Exisitng Blockchain

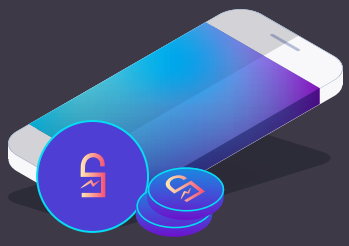
7. Every Block Is verified With the Bitcoin's Mined Blocks



8. Relevant Data Is Saved In Fesschain Blockchain



9. Transaction is Completed



7.2 DApps And Fesschain

DApps deployment over FESS via smart contracts has its own advantages at par. Blockchain will never be said as a 'scalable tech to practice' in practice unless it solves the architectural flaws under the practical implications. FESS here as in believes that any application built over Fesschain will never be useful until we can use it to disrupt several running applications in practice for good.

As of now running technical architectures of other blockchains are very much slow to practice in daily use because of following flaws that we believe can be rectified at Fesschain's end-

1. Because of the redundant nature of computation on available networks, the gas/ram costs of execution will always be higher than private offline execution off chain. Until and unless you can facilitate offline businesses into online architecture in a cost-effective manner, the technology is of no use in literal means.

2. Node's processing capacity matters at every operation initiation generation and closure of instances.

3. Multi lingual technical interface for different operations. i.e.- Solidity, JSON RPC and few more in case of Ethereum.

4. Single operation at a time, due to technical and processing power insufficiency they don't have the ability perform bi lateral multi operational tasks.

5. Different DApp deployment for every different cause of operation. So, all in all we see several limitations or roadblocks to the available methods of DApps being operated and developed. In order to make the technology more efficient and business friendly the upgrade or even a complete makeover is a very small cost. Because in the end the cost effectiveness and speed is all that matters. Now it's time we introduce you to the seamless mechanics of Fesschain-

    - With Fesschain there is nothing like Gas Fee exist at the very first place. Yes, it may sound unbelievable but at fess its true! The key lies in the deployment.

- The blockchain deployment needs 0.00001/MB worth of data under the utility of fesschain. FESS has spoon ready techie vigilance that runs DApps smoothly. Node setup and operation is again very much cost effective. And to rectify operational incompetency we will be having more than hundreds of businesses online ready with our Main net launch.

- With Fesschain, operational processing power has no real concerns since its algorithms are designed in a manner that even weakest non-mining node can withstand full-fledged mining operations, that too by only dedicating 1% of its processing power.

- Additionally, the feature of Single language compiling the whole program makes it even more useful.

- FESS smart contracts are designed in a way to operate bilateral multioperation tasks. Let's understand it through graphical representation.

The above-mentioned skeleton is trying to explain an analogy. In the depicted representation two smart contracts are performing a common task together with tasks and subtasks allotted at the very same time respectively.

- This technological architecture is an AI powered mechanism which allows DApps to act together on a single task allotted and/or implementing two different tasks that too at the same time.

- As a matter of fact, a single smart contract is enough to perform multi-level operations with the fesschain ecosystem.

FESSCHAIN POWERING BUSINESS AND ENTERPRISES

Interoperability in heterogeneous blockchains is no more a secret for the current blockchain consensus. Let's not go to the what and how it's essential for the whole blockchain community, though discussing how Fesschain makes it more special to operate makes complete sense.

The Commercial, operational needs are never-ending as the demands keep on shifting pattern in terms of both the size and nature. Technology uncluttered the experience of business and reduced the burden significantly. Businesses are being operated today with a single click saving money and time both. But that's not enough as things involving technology can always be optimized. Fesschain is building a complete eco-system that will improve the experience of enterprises for good with its various pro-enterprise features within the fesschain eco-system.

8.1 Fess and Scalability

Fesschain runs on a unique 'Neutrino Framework' which has AI enabled feature called VOF1.1 (Velocity Operational Fraction). The VOF1.1, Velocity Fragmentation is a throughput way to break and process data into the smallest units possible. Since Fesschain's running Framework has the capacity to enhance scalability and security outraging feature, it can quickly provide solutions to other blockchains running on different factors and Algorithms with a scope of improvement in their running consensus.

8.2 Fess Tokens: A True Utility

Fesschain's Fess coin is not the only utility to use. Fesschain is designed in a way so that it can provide featured safety to record off chain data and supply chain mechanics to benefit both the organized and unorganized sectors. It has a regulatory framework to record any off-chain data through KiFi 1.1 (Kinetic Fidelity).

Kinetic Fidelity

It is an Algorithm demonstrating and converting any throughput operating machine into operational nodes by using only 1% of its CPU power.

8.3 Augmenting the Smart Contracts

Smart contracts, as we all know, play a significant role in the working of any blockchain and is pivotal for self-execution of specific actions upon occurring of certain conditions. This feature alone presents a considerable amount of security to any blockchain. Interestingly, participants on our blockchain will be able to execute multiple smart contacts parallelly (based on the same workflow mentioned above), thus making it extremely feasible for business operations.

APPLICATIONS OF FESSCHAIN

Technology and development are of no use if it can not improve lives for a common man in the real world. At fess, we understand this, and since the inception of the project, we are working on it. Fess comes with the number of offerings for both individuals and commercial requirements. All of these applications will be powered with the fess blockchain.

While it's impossible to get an idea of these applications in words but still this document tries to portray the glimpse of our offerings:

9.1 In-house DApps Platform:

There are several inherent constraints within existing blockchains as discussed before, as a result of which these have not been implemented in a scalable manner. At Fesschain, we are looking to tap all possible opportunities and optimize them using our blockchain. Our in-house DApps will be a source to innumerable use case possibilities.

This platform will help users to take advantage of the fesschain if they wish to develop a DApps for their use. In fact, we encourage commercial setups to take benefit of our platform to save their precious resources and time.

9.2 FessPay

FessPay is a centralized voucher selling platform which allows users to buy vouchers that can be used on various platforms. These vouchers will be encrypted with a key which will be the source to activate the protocol of using that voucher on multiple platforms. Further, these will be issued with the source of value which will be overlapped and used to transact. To put in legal terms, this can be represented as a Bill of Exchange voucher that promises a specific value. These vouchers can also be used for transactions in the various in-house stores here within FESS.
FessPay will be equipped with the following features:

- The vouchers can be redeemed at any point in time here on the FessPay platform.
- The vouchers will be valid on all platforms across the world and will have no expiry or other limitations
- It can be used over drywall and other DApps running on Fess
- These vouchers will have a two-way conversion for redeemable purpose, i.e., both into fiat & crypto, and vice versa
- Quickest withdrawal system for Indian crypto users.

- 30-minute withdrawal cycle for Indian users
- Multi-fiat support structure
- These vouchers do not represent any form of cryptocurrency
- Completely Decentralised in Nature
- End to end encryption

9.3 Apparel Brand

E-commerce poses a significant threat to the user data, and in such situation, it is need of the hour to bring something that firmly instils the sense of privacy in the minds of shoppers. We respect the privacy of shoppers and their valuable data. For the same reason, we are launching a full-fledged apparel store which is completely decentralized in nature. In fact, the trials have been very encouraging.

9.4 Fitness Training Application

Irrespective of the age, profession, and gender fitness is important for every human being on the earth. In order to be efficient, healthy and to live a long life, the role of good fitness cannot be denied. But as everyone is not pro-fitness, it is vital to give them something effective and more importantly, easy to follow. Fesschain is coming with the unique fitness training experience through a decentralized app based on the fess blockchain.

9.5 Supply Chain Framework

Logistics sector single-handedly runs millions of transactions across the world regularly. At the same time, it has the scope of colossal improvement where Transactions and Tracking are the main subjects. Additionally, a lot of sensitive user data is also exposed to multi-parties. Blockchain has the potential to solve all these riddles efficiently. Fesschain has already developed a decentralized supply chain framework with the help of its blockchain. It has been tested and will be available for commercial use shortly.

9.6 Content Sharing Platform

Integration is a potential key to save resources and time at a single go, and with our Unique Content Sharing platform, we are trying to achieve the same. Under this application will prove to be a one-stop shop for different content curation, development and sharing by the users and the security feature of the versatile fess blockchain will be there for 100% privacy.

9.7 FESSLEXO

Fesschain is a pivot for innumerable practical use cases. As already mentioned before, our platform represents a universal settlement system, where you can store, trade, and settle any data. FESSLEXO, which is another addition to some fesschain flagship applications, will be a platform especially meant for law practitioners.

9.8 FESSEX: The FESS Exchange

Fesschain will also feature an in-house cryptocurrency exchange. Most of the existing cryptocurrency exchanges are crippled with some serious fundamental issues, due to which cryptocurrency trading has not flourished in the way it should have. Fundamental problems like outdated user interface, poor customer support, inadequate trading options and so on are rampant. At FESS, we aim to develop a complete cryptocurrency exchange while addressing all these basic issues.

Some of the features of the FESS Exchange will include:

a) Margin Trading:
This being one of the most rewarding methods of crypto trading, allows the trader to trade with an extra amount of money, by borrowing it from some lender, on the basis of the funds that they actually own. Additionally, FESSEX ecosystem will offer margin trading facilities at multiplied leverage rates, through a strong P2P financing network facility.

b) Derivative Trading:
FUTURES TRADING & OPTIONS TRADING for selected crypto currencies.

c) Option Trading:

Trading in options is one of the wisest methods of being involved in the volatile cryptocurrency industry. These are actually derivatives instrument used to minimize risks in the crypto trading landscape. Through this facility, one can buy crypto at a fixed price in the future, irrespective of its prevailing market price at that point in time. At FESS, we have planned to integrate European options for trading.

Moreover, the FESS Exchange will be equipped to be flexible and adaptable for classes of traders, irrespective of their experience in cryptocurrency trading. It will feature a simple UI, that will enhance user experience on the platform.

9.9 Future Developments

In coming months users can expect more additions in this chain. We will be making additions to cover the whole financial space under the FESSEX ecosystem. We will put our best foot forward in order to touch every single essential activity involving finance. Apart from that, few more developments can be expected in the fields of education, socializing and community services can be expected.

Till then Keep Guessing!

SECURITY FEATURES

Security is undoubtedly an essential facet of any platform which is heavily involved with transactions (especially the financial ones), and fess does not compromise on this front. The most prominent hindrance to the full-scale adoption of blockchain technology in the mainstream has been the scepticism involved with its security. Fesschain's multi-layered technical architecture (as mentioned in the previous section) alone stamps a high degree of protection on the platform. Apart from that, the platform is also equipped with a host of other advanced security features.

- **BIP32 Transfer Protocol:**
  This is one of the most advanced security features, which when integrated with Hierarchical Deterministic (HD) key creation, allows the creation of child keys from parent keys, for your cryptocurrency wallet.

- **Proof of Proof Mechanism:**
  A connected graph network which enables block verification mined at bitcoin blockchain and time delay, while comparing the main chain with a potential attacker's secret chain.

- **Two Factor Authentication (2FA):**
  This is a prevalent yet effective method of securing all activities on the platform for the user. It adds an added layer of security, in which the user is required to prove his/her identity by entering a one-time password after logging in, only after which complete account access is granted.

- **Multi-signature Technology:**
  It refers to the requirement of more than one key to authorize a particular transaction. It is primarily helpful when a transaction involves more than one entity. Multisignature technology instils enhanced security by obliging all the involved entities to authentically prove their identity before having complete access to carry out a transaction.

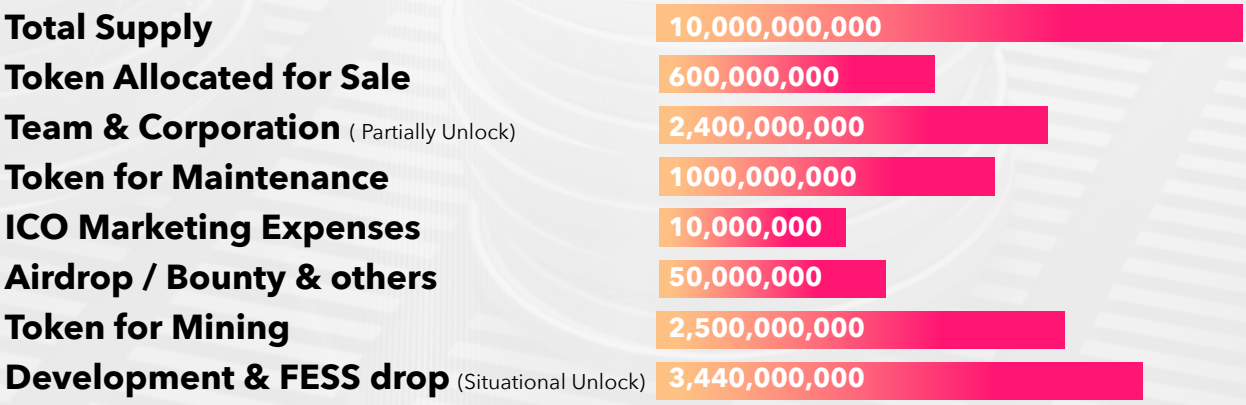
- **Anti-phishing protection**

- **Advanced privacy protection**

Fess token is an ERC-20 based tokens which complete the whole Fesschain Skeleton. It's not an ordinary token being traded on an exchange but way more than that. Apart from holding a monetary value, it retains intrinsic value as well, the point where a lot of digital currencies fail themselves. Fess tokens hold the potential to power the whole Fesschain environment extending in different verticals.

The token holders will be able to unlock various services under the Fess Umbrella with the help of fess tokens. In the months to come, the people with fess tokens will not only able to make a transaction in a fast and secure environment of fesschain but also liable to earn rewards for using it. The more it will be, the better the rewards will be.

11.1 Token Details and Tokenomics:



11.2 Token Utility:

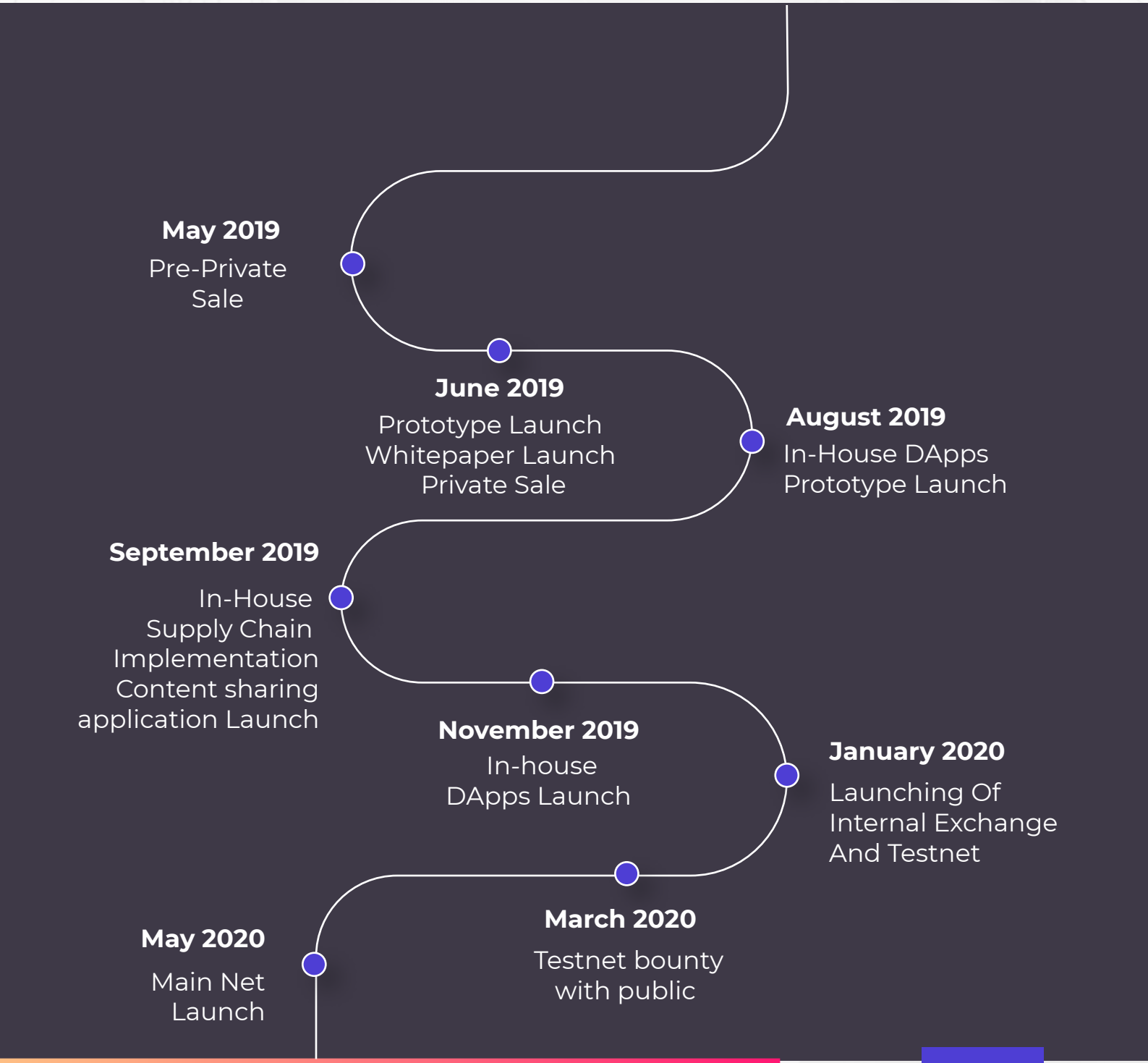
The FESS Token will be of practical utility, in more ways than one. The primary objective of the fesschain initiative is to deploy our solutions through the implementation of blockchain technology at the ground level. Fess Tokens will be the center of this vision, and it-

- Can be used to pay to various vendors, who will potentially accept FESS in future.
- Can be used to pay for various services or products of FESS and its decentralized applications.
- Can be used to pay for the transaction fee and listing fee at the FESS Dynamic exchange.
- Can be used for processing of cross border interproximal payments.
- Can also be used as a processing and gas fee to create a smart contract.

FESS TOKEN

Fesschain follows a definite path under which all the revelations are made before the public. Since the Project launch on 1 May 2019, we are committed to delivering every expectation of our believers. In fact, Actions before promises are the critical Mantra of Fesschain. Till date, we have made our basic prototype public, and the first product launch is due in July 2019. The hardworking team at fess is making sure that by the end of the year the users can have access to both DApps and the DApps building platform powered by fesschain.

The following infographics will be a better way to know Fesschain's roadmap in 2019 and beyond



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Mr. Rahul

Social Media Manager

2 Years of experience in Community and Social Media Management

Mr. Priyank Gupta

Marketing Strategist

Previously Managed and Promoted communities of Nanohealthcare, Quarkchain, DOS Network, Harmony, Waltonchain, Blockcloud and Experty

LEGAL AND REGULATORY COMPLIANCE

After assessing all the aspects of possible legal and regulatory frameworks as per our business model and plans, we have decided to set up the Fesschain parent company at Malta. Fesschain will be EU GDPR compliant. FESS will start operations from the European Union, simultaneously looking for possibilities outside the European Union as well. Going ahead, we will also investigate country-specific regulations for further expansion.

Fesschain is in the process of acquiring the following licenses:

- License for providing a virtual currency wallet service from Malta.
- License for providing services of exchanging a virtual currency against fiat currency from Malta.

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GLOSSARY

AI
Artificial Intelligence

API
Application Programming Interface

BLOCKCHAIN
A Digital ledger/ register maintaining various transactions taken over a particular time.

BTC
Bitcoin

CONSENSUS
A general Agreement, usually between two parties.

DApps
Decentralised Applications

ERC-20
An Ethereum blockchain backed standard used for smart contracts for token development and implementation.

ETH
Ethereum

OTC
Over the Counter

P2P
Peer to Peer (Mode of Transaction)

PoS
Proof-of-Stake

PoW
Proof-of-Work

PoP
Proof-of-Proof

SHARDING
A database partitioning technique used to scale blockchain and enable it to process more transactions per second.

SMART CONTRACT
A digital protocol intended to enable, authenticate, and/or implement the negotiation of a contract without the need of any third party.

STAKING
Earning Interests/income from any owned Token or Coin by HODLing

TPS
Transactions per second (defines the Speed)

THANK YOU

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For Any Doubts or Issues drop us an Email at: Info@fesschain.io