FUDx Coin

A BLOCKCHAIN BASED HYPERLOCAL HOSPITALITY ECOSYSTEM.

Index

Abstract

FUDx is the blockchain-based next-generation delivery solution for small to enterprise-level businesses. It will be interconnected to provide on-demand and customized services. These will include autonomous, connected, and shared vehicles, for which blockchain technology will play a significant role. It is the foundation for the next delivery generation.

Blockchain technology is the foundation for bitcoin and other cryptocurrencies. However, it is much more than that. Blockchain has several applications in the delivery business. These applications are currently altering the potential to alter goods, services, and processes. It takes a novel approach to data management and transaction execution.

FUDx has determined to be the leader in the hospitality business with the use of ethereum based blockchain solutions. Our team has been in the catering hospitality business for more than a decade, and we think it's time we use the unlimited potential of blockchain with a guided approach to our leadership.

FUDx Token will be the utility token for the project and act as the primary currency for all the ecosystems we will be developing in the future. Being the ERC-20 based utility token configuration, we will tap the second largest cryptocurrencies user base. With exchange capabilities, FUDx will ensure to make our token registered on all major exchanges to be traded for other currencies. Token features and potential will be linked to the hospitality industry, and the foundation will cater to the industry's current problems and future opportunities.

We expect tremendous gains as a result of blockchain potential.

Introduction

Blockchain is a digital, decentralized, and distributed ledger. It provides a way by which information can be shared and recorded, and a community can also maintain this information.

There is significant interest in blockchain at the C-suite level. In the last three years, Global investment has exceeded US$1.7 billion. Market research firm Gartner has come to an analysis. It is estimated that the corporate value-add of blockchain will reach US$176 billion by 2025.

Blockchain has gained popularity as the technology underlies cryptocurrencies such as Bitcoin and Ethereum. The financial services sector has been an early adopter due to its interest in the potential of cryptocurrencies to disrupt current currency standards and the security, record-keeping, and trading capabilities of blockchain technology. Consequently, financial services account for a significant portion of present blockchain investment and activity.
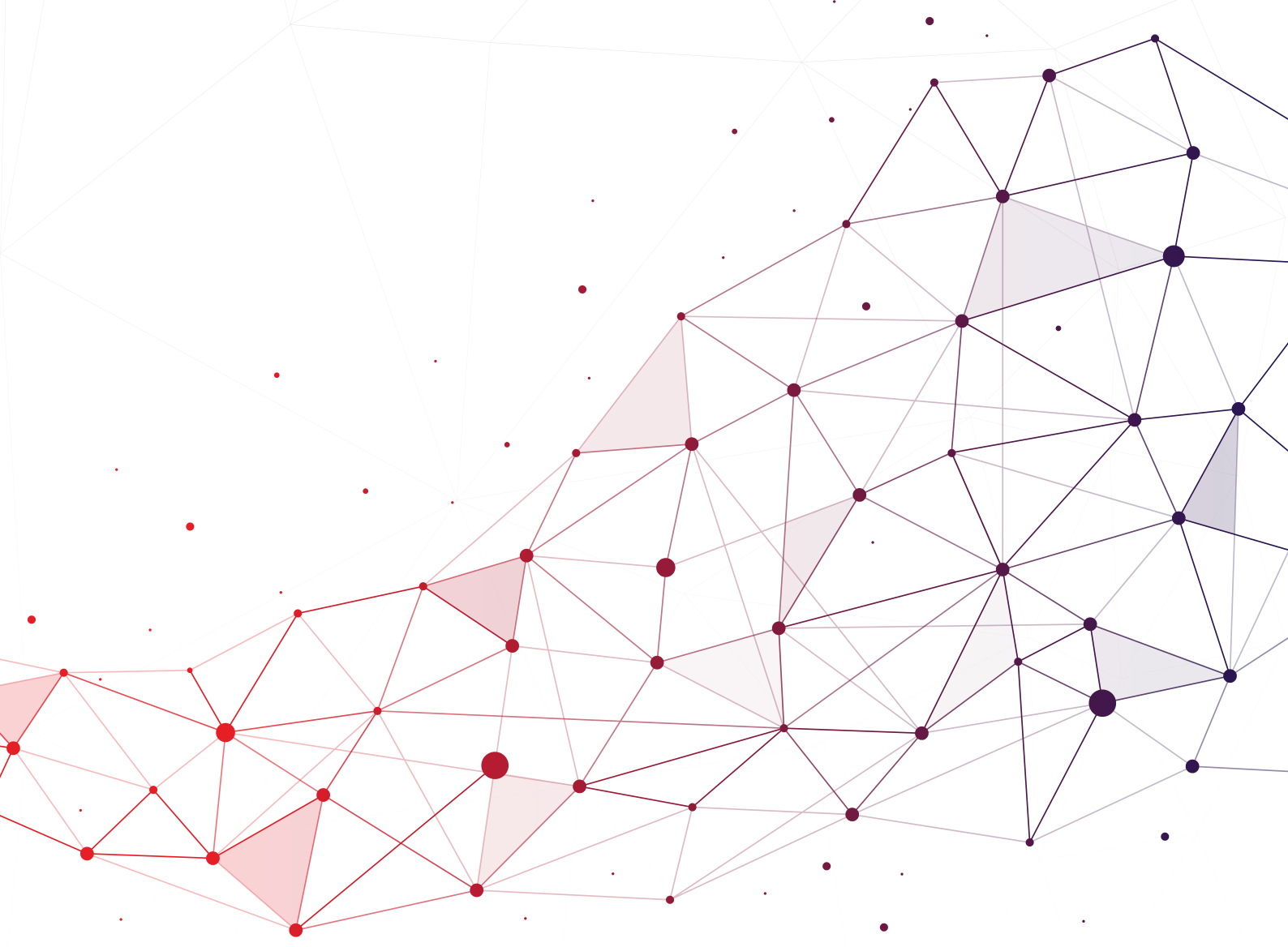
| Problem Statement

Delivery businesses increasingly adopted digital ledger technology and decentralization to build blockchain-based platforms and apps. With the economy moving at high velocity, the complexities increase year by year. Participants and parties involved are getting more complex, with the middle man benefiting the most and making other parties pay for their profits and commissions.

Customer — The Platform Owner/ Startup/Company/ Aggregator — Delivery Agent / Network/Fleet — Restaurant (Single/ Multi Chain)
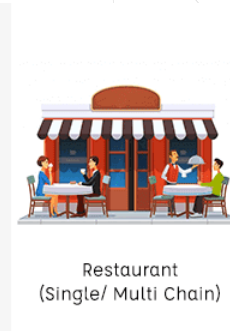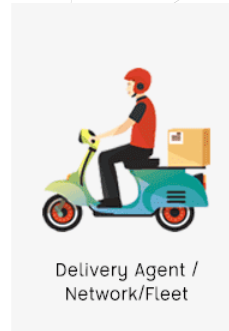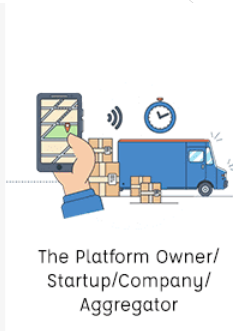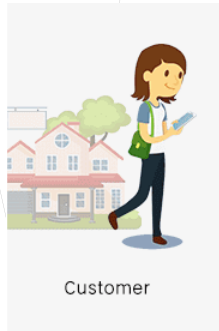
Data Monetization

Current industry giants on-demand food delivery ecosystems don't have a monetization system for users using their platform. On leading on-demand delivery platforms, users are shown ads from restaurant owners via their apps and capitalize the user data. At the same time, there are no benefits for the user in exchange.

High Commissions

Currently, top on-demand delivery platforms charge 31% commission from restaurants that want to rank top and make some sales. Their ecosystems don't make it possible to make some sales for new restaurants without paying for their apps for promotions. In return, a hefty 23% commission is charged generally. Nothing is left for owners to profit from after cutting the chef's salaries, rent, and ingredients cost.

Industrial Monopoly Landscape

Like Facebook, the global delivery sector is the monopolistic rule where top platforms both rule the sectors, hence not allowing newcomers to take a position. New companies entering the market make sure the rates and delivery charges remain in check. However, no one can say anything in the current market if commissions are increased in the future.

No longer do people want to live in a realm where an on-demand economy never happened, and to get these services, they are willing to pay any amount the big corporations will ask. The current three top platforms in and around the globe's on-demand economy know this and control 98% of market space with prices.

There is still another element that is most neglected in this whole ecosystem. The most vital yet the most ignored, the delivery agents. Their cut out of any change remains the same, corporations are earning an extra Rs.100/delivery, but the delivery agent will be staying at the same 5 rupees/delivery. The difference in added profit to compensation is too much to be ignored anymore.

| Our Objective

FUDx is a decentralized delivery marketplace where anybody can get deliveries of popular commodities anywhere, anytime.

Our primary goal is to provide consumers with a one-of-a-kind, industry-altering experience. It entails being linked to real-time data and information and being integrated with all consumers, from delivery partners to the general public, around the country. All of this is completely secured by the application of blockchain by FUDx.

Enhanced Data Privacy

FUDx wants to launch the first of its kind hospitality-focused delivery ecosystem. The platform will incentivize users to share their data for brands to advertise on. Along with incentives, users will have full control over who and what to share their information, along with the option to command an entity to delete their data.

No More Middle Man Charges

The need for the middle man is to make sure things are kept in check, and there are no errors in bookkeeping, resolving issues, and making sure all parties are paid. At the same time, the end-user is charged extra for claiming these necessary services in the form of hefty commissions. FUDx will be changing this by utilizing the distributed blockchain technologies and applications of smart contracts to cut the middle man and reduce costs overall.

No Monopolistic Marketplace

With the introduction of decentralized blockchain in our development, we ensured the lowest commission possible, high ROI for restaurants, and good pay to delivery agents. By being decentralized, FUDx tends to have an open economy where everyone gets the best ROI compared to any existing on-delivery agents.

FUDx is pursuing the on-demand gig economy where no central entity controls the flow of information, prices and does not fill bellies with the need for convenience of getting delivered to the doorstep.
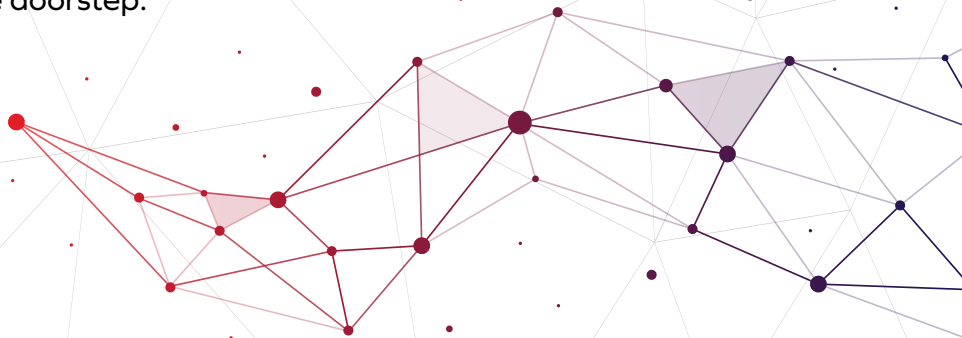
Mission Statement

FUDx hospitality and services were born out of the need to cater to the difficulty of restaurants to maintain a fleet of delivery executives and facilitate the in-house dining process. It is a blockchain-based Hyperlocal Delivery Ecosystem specializing in Food (& Grocery Delivery) and Hospitality Services.

The main agenda of this application is to help its customers get rid of any inconveniences related to the delivery of the services mentioned above/needs. Along with getting incentivized for the information, they share it with platforms to get benefits.

From the seller's point of view, they make sure to solve their tech-friendly platform and provide high commissions and workforce.

Hyperlocal is not just a buzzword anymore! Post covid, hyper-local is on a "hyper-growth" spree, and blockchain is the catalyst to take it to the next era of the hospitality industry.

Hospitality Industry

Customers may hire freelancers for short-term services or asset-sharing using digital platforms in the gig economy.

If you've ever used an app to contact a freelance taxi driver, book a cab, or order meals, you've likely engaged in this area of the economy.

E-commerce has shifted the focus of the package delivery sector from a business-oriented one to a more consumer-oriented one. Delivery services have become a crucial differentiator for large e-commerce companies and several start-ups.

Also, firms may expand the product selection available for immediate delivery beyond the normal emphasis of current services, such as ready-to-eat meals.

With the growth of the "gig economy," more 2nd and 3rd world countries will be major players in the global economic revolution. The gig economy is here to stay, and it's time for all qualified workers to adapt to it.

Current Stats

At the moment, just 1% to 4% of employees in advanced countries depend on gig platforms for jobs. However, when it comes to developing economies, those figures skyrocket. An increasing number of individuals working in less-developed nations sell their expertise to those in affluent countries, such as translators, software engineers, and freelance writers.

This has resulted in the establishment of over 150 online platforms/apps where users may register the particular skill or service they intend to provide, such as ride-sharing, food delivery, vehicle rental, tutoring, parking rental, or dog watching, among others. Approximately half of those who were polled stated they would explore gig employment. Some of the primary reasons given by respondents were the opportunity to make more money (58 percent), work the hours they want (41 percent), or attain a better work/life balance (37 percent) [1].

According to a UK government poll, the major component that individuals working in the gig economy were typically delighted with was independence and flexibility. Respondents were unsatisfied with work-related perks and salary levels, with one-quarter indicating they were extremely dissatisfied with those parts of their job.

These firms may provide flexible working patterns for students who wish to earn while studying or caretakers who want to fit work around school or childcare hours.

Advantages of Adoption of Blockchain Technology

➤ **Decentralization:**
To eliminate the high cost incurred by customers and provide adequate and accurate commission to delivery, the centralized party controlling all activities has to be removed, creating a decentralized ecosystem.

➤ **Transparency:**
Currently, the variables deciding the delivery prices are not transparent. The calculation methodology is not revealed. This creates an ecosystem where the centralizing party controls the delivery fees and commissions.

➤ **Enhanced Security:**
Scaling the hospitality business requires more value than a meal to deliver items. The issue with the existing system is no system in place that makes sure entities are paying what they are supposed to. An individual should have confidence in the delivery ecosystem to get paid when the material of high quality is delivered in requested and agreed conditions.

➤ **Inventory Management:**
Advanced cryptography makes inventory management a breeze. As no middle man is required to keep it updated and its immutable nature making temper proof. The whole inventory management can be automated, thereby reducing operational costs.

➤ **Data Protection:**
Blockchain information is immutable, as our objective is to protect and control information to users. Blockchain helps implement our vision. Everything is recorded and followed. No one has the authority to change the nature and details of the smart contract. If the user decides to delete its information by a certain vendor, there is no scope for it not being executed. On the contrary, if the vendor has a user's data, they can't access any other part, which is not allowed.

➤ **Smart Contracts:** FUDx can decrease commissions because no intermediary keeps orders invoices checked. Instead, in nature, blockchain and implemented smart contracts with no chance of temper keep all the invoices and payment in check and execute them accurately.

Scope

Although flexible, gratifying employment is touted, most gig workers do not receive a livable income.

The expenditures of starting a gig business, such as purchasing the materials and equipment required to do a task, fall squarely on the shoulders of gig workers as well.

So, how can you design a system that proves advantageous for everyone?

FUDx has analyzed the cost-value equation and developed an innovative blockchain-based digital solution. As a result, our solutions will be compelling enough to entice tens of millions of dollars in public equity investment and convince dozens of fiercely competitive vendors to innovate and change their businesses in the global delivery industry.

FUDx will run our on-demand delivery solution on a peer-to-peer network of blockchain nodes. This will make any single central failure out of the question. Peer to peer also enables every party to be directly contacted, paid and commissioned without any middle party involvement.

The delivery agent gets the request directly from the user, and the restaurant gets also notified at the same time to prepare the item. The network works in a decentralized manner, saving the user on delivery charges and bringing higher commission to the delivery agent as no middle party is taking a cut to transfer job details. And restaurants get more profit from each delivery as it also cuts middle parties to get food to be prepared in detail.

FUDx Platform!

Smartphones have changed the game for on-demand delivery business models. The growth of on-demand applications has made our lives simpler than ever before, from buying groceries to ordering meals, purchasing medication, to renting furniture. Consumers increasingly want to have all of their essential needs services delivered to their home, saving them time and allowing them to rest until their order is delivered.

FUDx is a Blockchain-based Hyperlocal Delivery Ecosystem specializing in Food (& Grocery Delivery) and Hospitality Services.

FUDx Elite App enables local (Food and services) ordering in 3 Star to Super Deluxe Hotels. FUDx token will be issued against every FUDx delivery and services app transaction. These tokens will be accrued to users' wallets as a reward for availing of any service and being a customer of the FUDx platform. Customers can also buy tokens from crowd sales or various CEX and DEX platforms at the given prevalent price.

Blockchain technology and existing fintech ideas and features combined with new qualities made possible by blockchain technology may help resolve these challenges and restore control and leverage to the individual worker.

Tokenizing Deliveries

FUDx Token will play a crucial role in rightly tokenizing the entire sustainable delivery ecosystem based on blockchain by removing the high commission-based middle man approach.
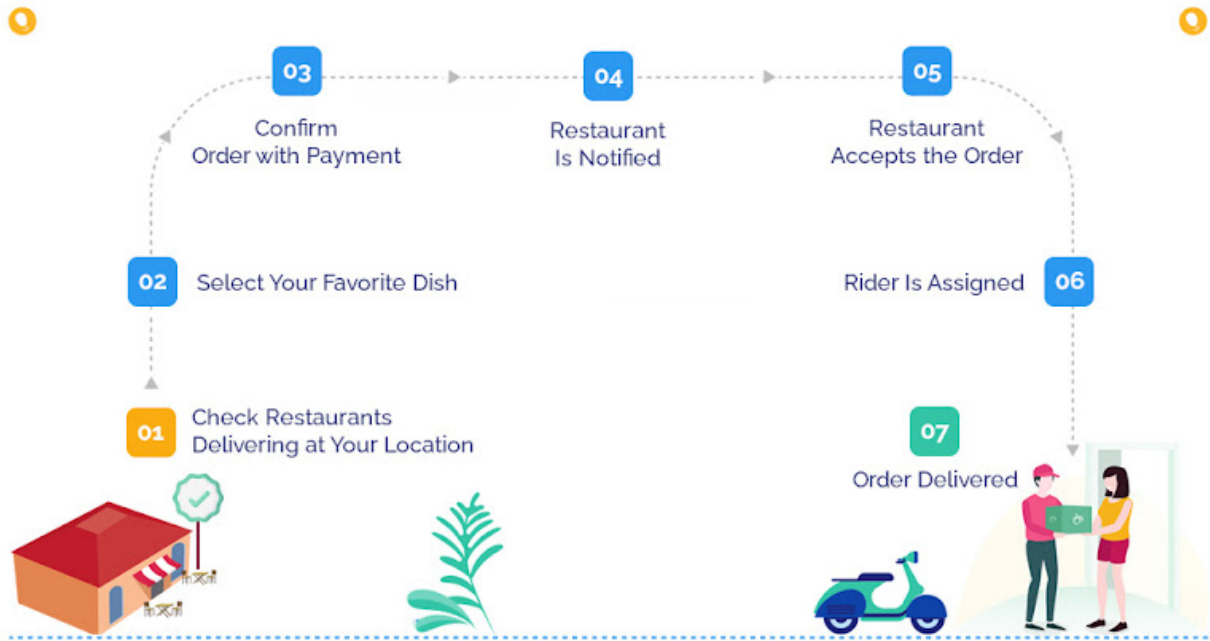
What is a Crypto Token?

"Crypto token" refers to a virtual currency token or a cryptocurrency denomination. An asset or utility that is transferable and may be used for investment or economic reasons is represented by this token.

Coins and tokens may be used in the same way as legal money to represent an investor's interest in a firm or fulfill an economic function. They may use them to make purchases or trade them like other securities for profit.
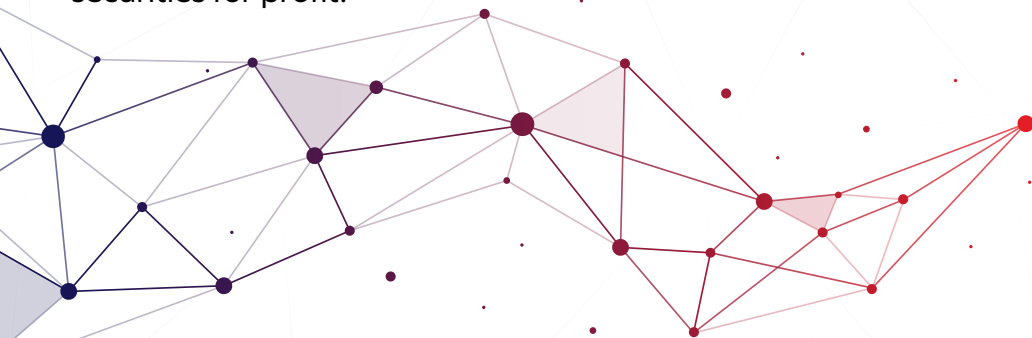
Need of Tokenising the Deliveries

Similar to the different platform technologies, scale is the source of power, success, and influence for blockchain and distributed ledgers. Blockchain requires a minimum scale level to move further from the contained proofs of concept in the delivery industry.

This minimum level of scale is referred to as the minimum viable ecosystem. The ecosystem here is the basic next step towards the blockchain's progression into the ecosystem of deliveries.

➤ More Traditional Stores Support

The development of e-commerce and internet shopping has put conventional establishments in jeopardy. They may increase their sales by using hyperlocal delivery strategies.

➤ Greatest ROI

Retailers may boost their enterprises by listing them on their different platforms. The app aggregator handles everything from pickup to delivery. As a result, shops may expand their operations with minimum effort.

➤ Sustainable Ecology

The hyperlocal delivery approach is environmentally favorable since long-distance transit reduces carbon footprints.

Growth of a hyperlocal market.
ccIncrease Internet Penetration
- Smartphone Penetration
- Urbanization
- Changing Customer Behavior
- Higher Disposable Income
- Higher Trust on Brands

Scaling The Potential of Hyperlocal market.
- Food Delivery
- Grocery Delivery
- Daily Products Delivery
- Medicine Delivery
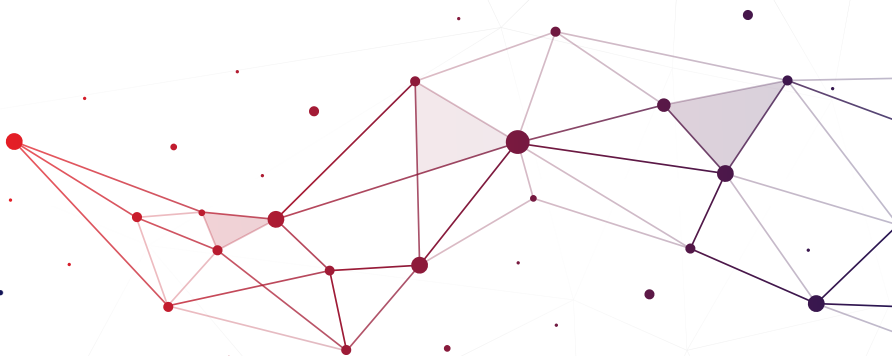
Tokenising will make FUDx the 'one stop' delivery service that enables users to order anything they like from the nearest store in the shortest possible time using blockchain technology.

FUDx Food Delivery Ecosystem

For Restaurants/Businesses

FUDx | Store App

Store App
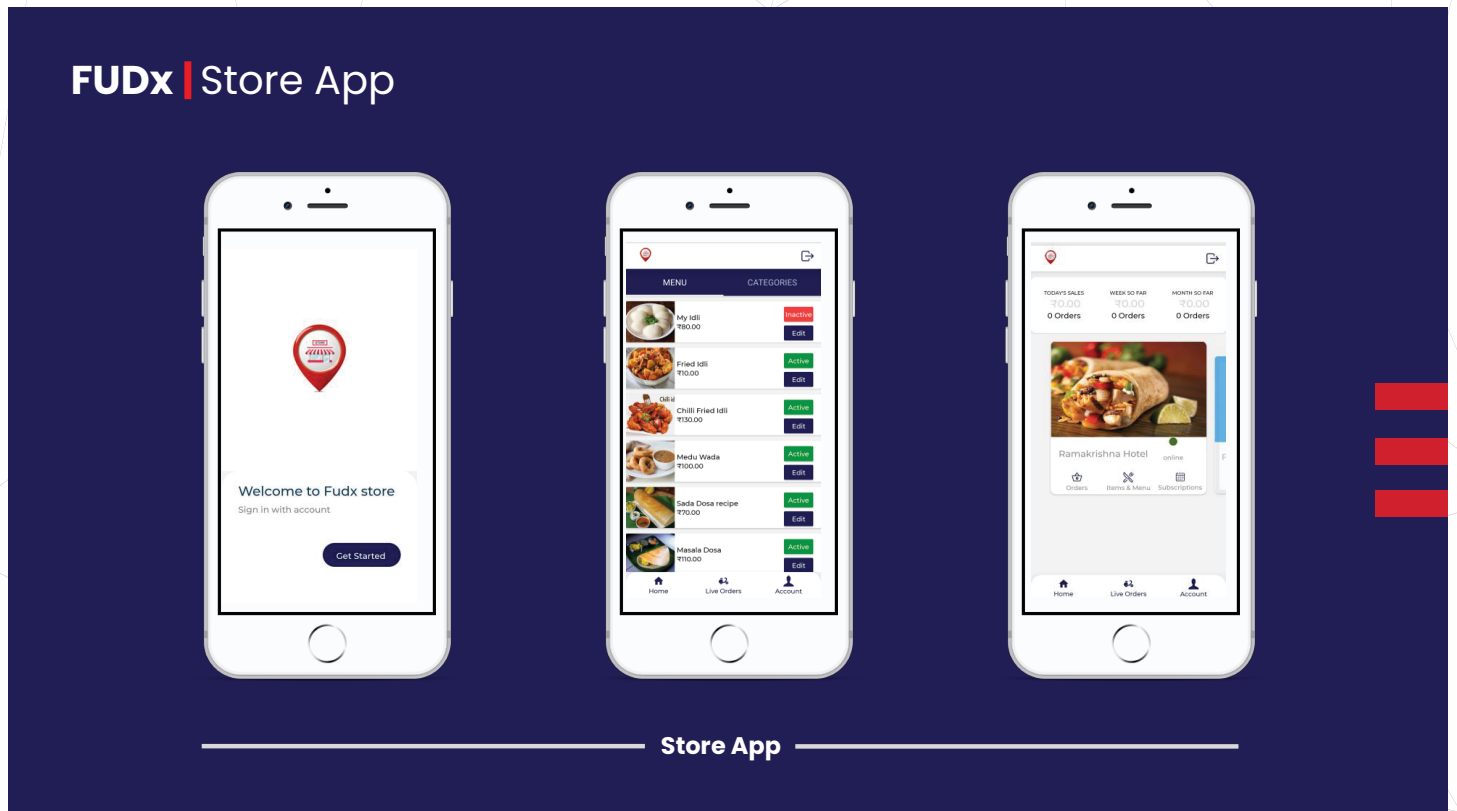
The supply of products through direct P2P does not waste any money or efficiency in constructing a warehouse or installing large-scale infrastructure. FUDx's direct distribution technology supported by blockchain will remove these expenditures, lowering the consumer's financial cost by more than 10%.

Without any centralized entity to take cuts from consumers, delivery agents, and businesses to provide their service. FUDx restaurants will generate higher profits than any other delivery integrator platform.

Restaurant Admin Panel Features-

1 - Order Management
2 - Menu & Pricing Management
3 - Sales and Analytics Report
4 - Payments Tracking

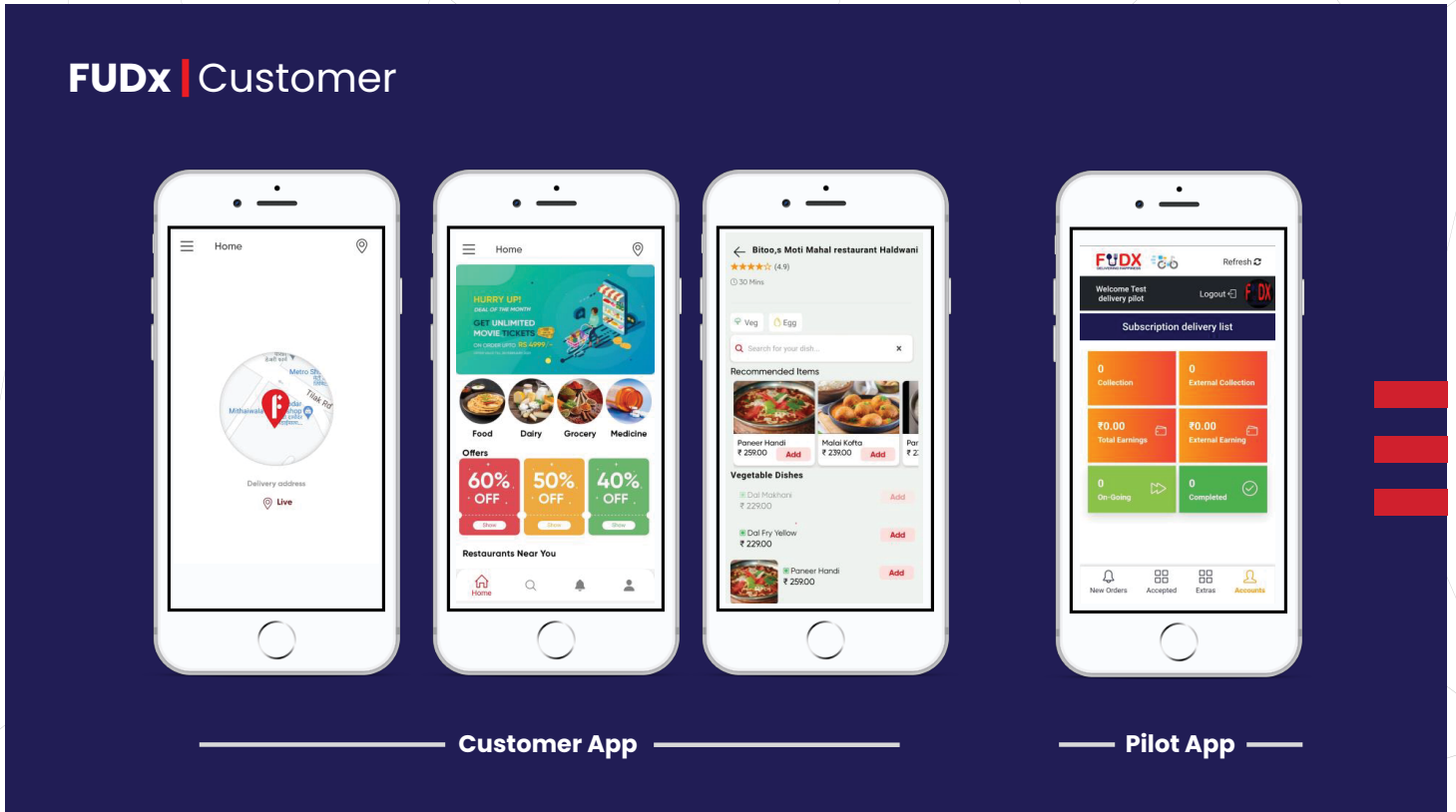# For Customers

FUDx | Customer

Customer App ———— Pilot App

FUDx provides clients with transparency by revealing all fees and expenditures. Launch the app and enter the start and final delivery addresses if you have products to mail. You will see the pricing and expected delivery time after listing the item and its size. When an order is submitted, it is shared through Blockchain and connected to the messenger via the associated smart contract. When the messenger accepts the order, it is confirmed.

The customer is then given information on the messenger and can even follow the messenger in real-time using our app.

With our peer-to-peer network, users will benefit from lower delivery charges than any other solution when also not taking any amount from a restaurant or delivery agent to cater to lower prices.

User App Features-
1 - Order Management
2 - Live Order Tracking
3 - Advanced Search Option
4 - Takeaway Option
5 - Ratings & Reviews

For Messengers

FUDx | Pilot App

—— Pilot App ——

The messenger may specify several variables, such as area, price, and preferred availability time, which are then uploaded to the smart contract. This allows for not matching the consumer and the messenger through choice and availability.

Several rules and standards for delivery services vary by nation and location. Customers are not required to invest time or money to comply with such rules and standards.

Delivery agents directly are notified on their app from restaurants, no middle man to manage to keep processes in check. The product is successfully delivered and validated by an impartial oracle through Blockchain.

Messenger App Features -
1 - Manage order and delivery
2 - Order push Notifications
3 - Income tracking
4 - Insights & Reports
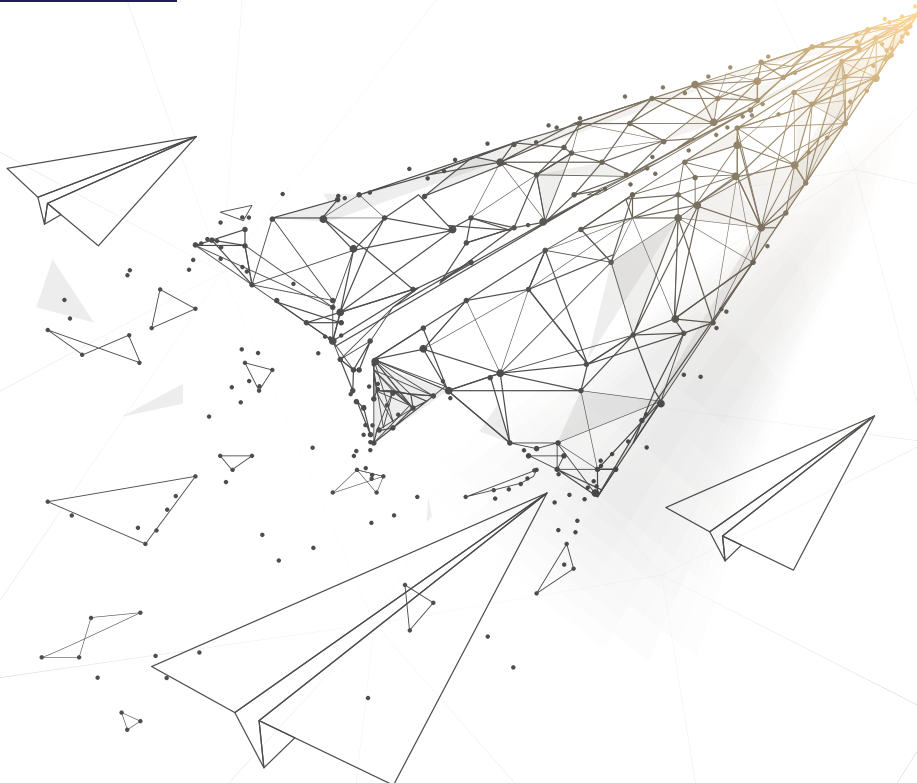
FUDx Future Product Line Up

FUDx is the next revolution developing an ecosystem that caters to all hospitality industries, not just food delivery. FUDx will be the best single-stop solution ecosystem on a decentralized foundation with no middle man to control high commissions.

FUDx Elite

Elite is our premium grade solution for providing the class 5 star like services even when accommodation is rated 3 stars. At base, it is very simple, what any 3-star hotel lacks, we procure for the guests through our FUDx Elite solution.

{Complete Planned Overview Of FUDx Elite}

4 Core Pillars Of FUDx Elite -

Proximity

Get custom insights on restaurants and local sightseeing locations directly to your app via FUDx Elite. Our solution acts as your Concierge. The app also provides real-time activities in the nearby area, all tailored to your preferences.

Variety

Get the best of local cuisines directly in your room, just like a tailored experience that 5-star hotels procure for you. Choose from multiple food procurement options such as dine-in reservation, pick-up, pre-order online as well quickest delivery in your hotel room.

Experiential

One of the best things about having a 5-star hotel allotted to a personal Concierge is to cut lines, skip queues to save your time and experience the best out of your stay. FUDx will also allow users to order poolside, beach from a catalog expanding beyond your hotel stay.

Security

User data protection is the top priority for us. That's why all our solutions, including FUDx Elite, are based on blockchain technology, with smart contracts removing the middle to take care of technicalities.

| FUDx Pay

FUDx | Pay

FPAY is a digital wallet platform and online payment system developed by FUDX to power-in app and tap-to-pay purchases on mobile devices enabling users to make payments with phones, tablets or watches.

Unique Features

Instant Transactions	App Enabled Transactions	Multilayer Security
Direct Bank Account Transfers	Integration with Multiple Banks	Multiple Payments Options

Traveling is about spending the max you could for the max you can get, but what happens when you don't have local currency for any reason. With FPay, we want to remove any such and other obstacles that come between you and your travel plans. With features such as tap-to-pay directly through the app so, no need to worry about cash and even cards.

Supercharge your travel experience with a payment app for all hotels, deliveries with all local and international banks. Our motto is to provide the best hospitality experience, and that is why the platform supports cryptocurrencies integrated with the wallet.
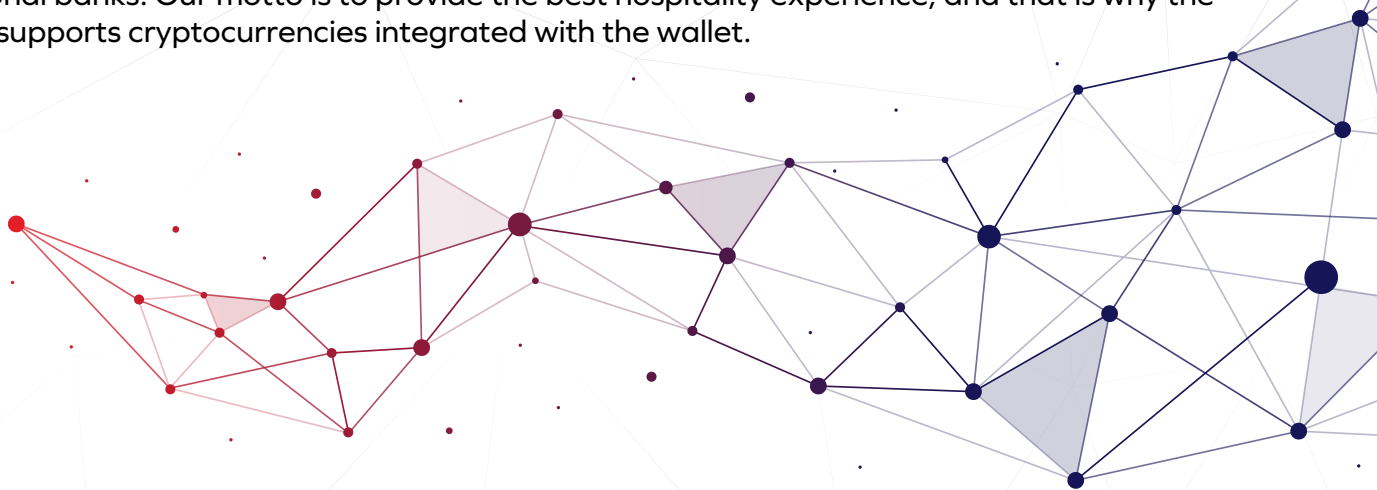
| FAPP Chat

Today, the most popular communication networks for instant data exchange, such as GSM, Skype, WeChat, Slack, Google Talk, Facebook, etc., do not provide adequate protection and privacy. Classical schemes of such systems mainly mean data exchange between parties unprotected.

Fapp Chat is based on blockchain technology with high importance on data protection and no way to monetize data. We have a very strict no-ads policy to make our ecosystem strictly provide the best messaging experience. Neither we do show ads, nor our app will share user information for other companies to showcase ads on other platforms.

Advantages

Free Sevice	**Easy to Use**	**Ads Free**	**Unlimited Messages**
Order Online	**Share location, photos & status**	**No need to add new friends**	**No international charges**

Order Food Directly Through App!

Our Ecosystem is specifically built for the hospitality industry, and so the reasoning behind each app we are launching and we will launch will have hospitality-focused solutions. Fapp Chat has a USP functionality feature to order food directly through the app itself. All the restaurants listed on our Food Delivery App can be directly reached through the app.

FUDx and Blockchain

As FUDx will not just deliver food but will have multiple vertices having their niche, this section should include the vertices that will be launched first and future vertices planned. FUDx is built on Polygon/Matic blockchain to take advantage of low gas fees. The on-demand delivery business requires a lot of transactions per day. A single delivery needs 4 transactions minimum, multiply with a minimum of 10,000 deliveries, and lower gas fees are core to our project.

Dispute Resolutions?

One main role of the middle is to manage and resolve raised disputes between all parties. One of many reasons for those high commissions as they allow restaurants to focus on food and delivery agents out of payment issues. In a decentralized peer-to-peer platform, this role will be taken care of by a group of selected people who will earn FUDx tokens in exchange for managing and resolving raised issues.

Fraud Prevention

The most often asked question about the decentralized system is about its security.

Others have claimed that checking the messengers' credentials would be difficult without a centralized mechanism. However, this reasoning is flawed since there is still a stable platform to test the decentralized system.

The FUDx platform can maintain its security more effectively than the centralized server. The main feature is that all transactions are visible, and all information on transactions and messengers cannot be created using blockchain. As is common with any model like this today, the rating of the service supplied may be attached to the messenger for all consumers to see.
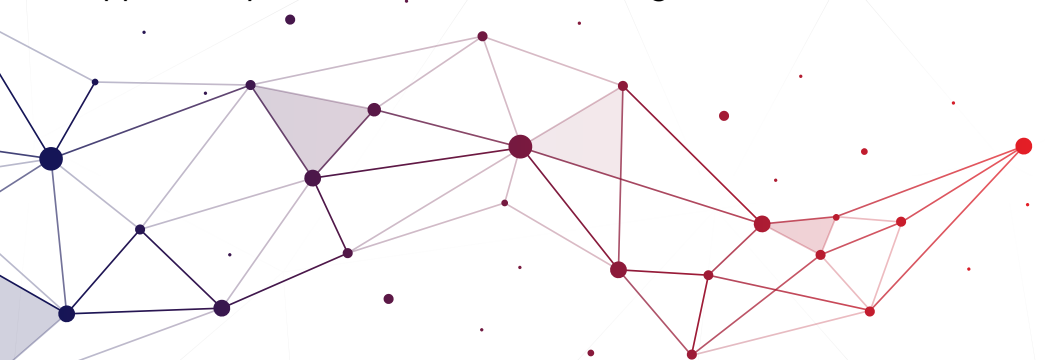
FUDx Token

FUDx Token is the utility token for our next generation of hospitality ecosystem catering and connecting all parties to transact for all services on our peer-to-peer blockchain network.

Token Practical Applications

FUDx token will be issued against every FUDx delivery and services app transaction. These tokens will be accrued to users' wallets as a reward for service availing and being a customer of the FUDx platform.

Customers can also buy tokens from crowd sales or various CEX and DEX platforms at the given prevalent price. Tokens thus accumulated can be exchanged for various gifts, goods, and services at various merchants and online e-commerce stores.

Secure payments

Blockchain technology can provide a more secure platform for transaction operations. Employing blockchain for payment processing may provide new options for both consumers and businesses. The cryptographic hash function ensures that no one can break into the system and change its contents.

With the implementation of smart contracts, blockchain technology can assure all parties of payments under the circumstances delivered. Smart contracts are sets of codes that act as an escrow for payment. If all conditions are met, be it a simple meal delivery or a quality-based delivery operation, the smart contract will release money with no chance of tampering with any party.

As a result, blockchain can protect the network from external and internal assaults.

Managing a versatile delivery fleet

The future delivery vehicles will consist of a versatile fleet, with drones, autonomous vehicles enhancing the existing delivery ecosystem. The blockchain being proven hack-proof and tamper-proof can create a network of the fleet being operated at maximum potential with no scope of a hacker procuring a package. This will make FUDx the most reliable partner for delivering high-value parcels.

Also, all the information stays on a decentralized ecosystem, with maximum protection protected by advanced cryptography-enabled measures. The FUDx ecosystem ensures no person can gain the value of the parcel being delivered.

IoT and Tracking

Many stakeholders are involved in a global supply chain network, including brokers, raw material suppliers, and so forth.

It makes end-to-end visibility more difficult. The supply chain might potentially span months and include several payments and invoices. Delivery delays have become the most difficult to handle due to the engagement of various stakeholders.

As a result, corporations attempt to make automobiles IoT-enabled to monitor movement throughout the transportation process. Due to the lack of transparency and complexity in today's supply chain and logistics, the combination of Blockchain and IoT may improve network stability and traceability.

Decentralized Ledger

The current centralized ecosystem has to be maintained with overhead costs like accounting, server cost, salaries, office space to hold employees, server racks, etc. A decentralized ecosystem removes all these overhead costs as no central server is required in the blockchain universe. Blockchain needs to hire an accounting firm/team to maintain the accounting books.

The FUDx ecosystem is developed on decentralized nodes spread across our selected blockchain and thus does not require an even physical address to host any employees. But how do we pay for those people maintaining the node?

FUDx is primarily developed on Ethereum, Polygon/Matic, which charges the platform for validating each node having transactions recorded and validated. These, in turn, convert into a gas fee, which pays the node maintaining owners a percentage of the gas fee, decided by the blockchain, not us.

| Tokenomics

FUDx | Coin - Token Holding Status

Legend:
- ■ Public Sale
- ■ Team
- ■ Advisory/Partners
- ■ Marketing
- ■ Rewards
- ■ Liquidity
- ■ Airdrop
- ■ Ecosystem
- ■ Reserve

Type	Supply	Number of Tokens	Price	value	Vesting
Public Sale	21.00%	399000000	0.002	798000	25% TGE, Then 25%/month for3 Months
Team	10.00%	190000000	-	-	Locked for 6 Months, 10%/month for 10 Months
Advisory/Partners	6.00%	114000000	-	-	Locked for 5 Months, 10%/month for 10 Months
Marketing	16.00%	304000000	-	-	Locked for 1 Months, 8%/month for 13 Months
Rewards	12.00%	228000000	0.0025	-	Locked for 15 days
Liquidity	15.00%	285000000	0.0025	-	Unlocked At TGE
Airdrop	1.00%	19000000	-	-	Locked for 1 Month
Ecosystem	13.00%	247000000	-	-	5% from 2nd Week, then vesting for 6 Months
Reserve	6.00%	114000000	-	-	Locked For 3 Months, then Vesting for 1.6 Year

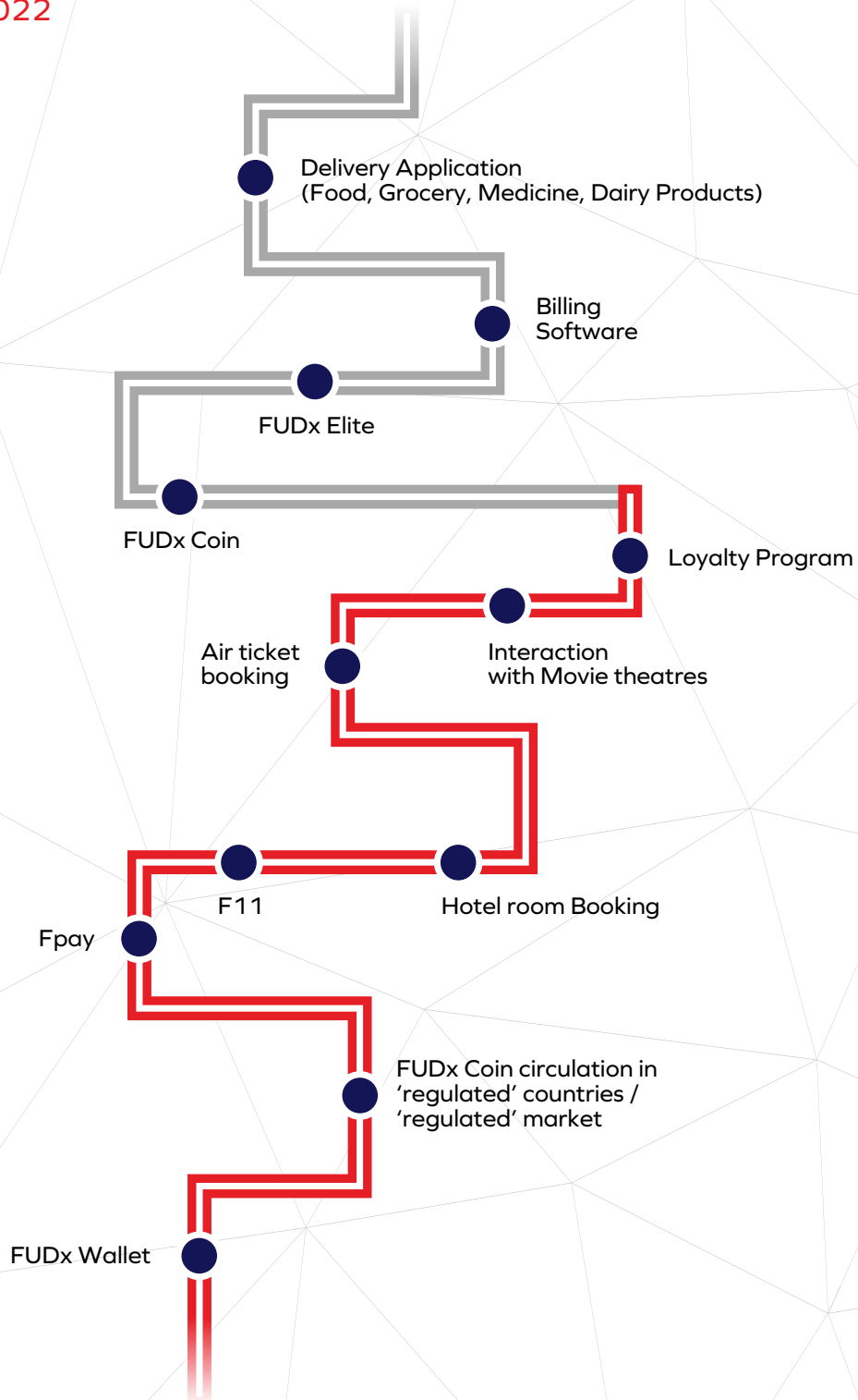# | Token Specs

Name - FUDx.
Blockchain - Binance Smart Chain
Decimal - 18 Decimal

Roadmap

Product Roadmap
Current product / 2022

Delivery Application
(Food, Grocery, Medicine, Dairy Products)

Billing
Software

FUDx Elite

FUDx Coin

Loyalty Program

Air ticket
booking

Interaction
with Movie theatres

F11

Hotel room Booking

Fpay

FUDx Coin circulation in
'regulated' countries /
'regulated' market

FUDx Wallet

THANK YOU

FUDx Coin