

Breaking the Third World Fence

WITTY Project



WHITE PAPER

Version 1.0



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Executive Summary

"Nigeria is our Springboard, Africa is our Platform, the World is our Stage."

OUR VISION

Playing the Major Role in Breaking the Third World Fence by Leveraging Permissionless and Trustless Technologies."

OUR CREED

"Nigeria is our Springboard, Africa is our Platform, the World is our Stage."

OUR TAGLINE

"Business Beyond Borders."

Witty Protocol is a fully indigenous African Blockchain project with a focus on the development of various financial products and services, driven by Artificial Intelligence [AI] to create a value chain on a decentralized finance ecosystem [DeFi].

The Witty ecosystem consists of custom made products and services ranging from;

- Automated Crypto Trading System (Spot and Leverage Trading)
- Decentralized Peer to Peer Exchange System
- Crypto Lending Platform
- Crypto Staking Platform
- Crypto Payment Gateway, Cart & Affiliate System
- Witty Fund

Africa needs Blockchain more than Blockchain needs Africa, therefore the Witty project seeks to remain a front-liner in driving Africa's goal towards the much-needed financial inclusion that has marred economic growth in Africa for many decades.

Witty [WTY] is the native token that powers the entire Witty Ecosystem. It's a low-cap supplied DeFi/Governance token built on Binance Smart Chain, and its main purpose is to be used as a payment method for accessing all products and services in our ecosystem.

Introduction

The Witty Project is positioned to harness the untapped resources.

Witty's primary focus is to dominate Africa's Digital Assets market; we believe that Africans understand the challenges of the region better, hence Africans are better positioned to proffer lasting solutions to the challenges inherent in Africa.

Witty protocol intends to offer a more flexible and low-cost fee for accessing Blockchain products and services within our ecosystem, this further underscores our resolve to contribute to encouraging mass adoption of Blockchain and Cryptocurrency across Africa.

We are also very much conscious of some regulatory concerns about the proliferation of Cryptocurrencies in the industry by some bad actors. To put us ahead of the curve, we built a robust system with enhanced end-to-end encryption security, while yet maintaining a friendly user

interface [UI] built to accommodate even new entrants [Newbies] who have very limited knowledge about the risks involved in transactions/activities on digital assets.

DeFi protocol is permissionless and is not limited to just a selected number of stakeholders responsible for the custody, transfer, or exchange of its products [tokens]. DeFi is unbiased and its transparent nature makes it accessible to everyone. Its open-source code allows anyone to audit it, validate functionalities, analyze security, and capabilities. The immutability feature of the Blockchain ensures the protocols or the smart contracts maintain consistency of increased fault-tolerance across all participating nodes and assures zero downtime.

Witty project is positioned to harness the untapped resources in the African remittance market, with the aid of our highly innovative and decentralized payment gateway which maintains

minimal cost fees for cross-border remittances, hence given us a competitive advantage over the incumbent traditional payment system. Africa has one of the largest global populations, with a very limited amount of technical

competencies and skilled resources to help her confront major challenges of financial inclusion and human empowerment which had marred economic growth within the region for many decades.

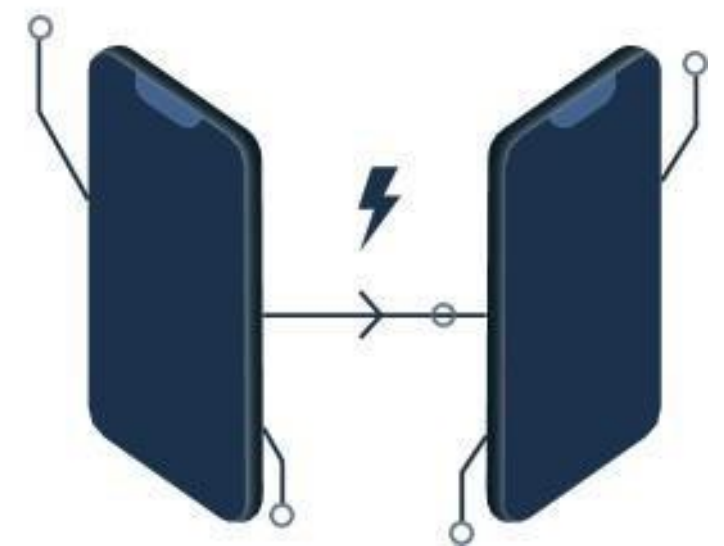
Business Case Study



Witty protocol is a decentralized ecosystem designed to serve as a one-stop platform for easy access to digital assets transactions with top-notch encryption algorithm for data integrity.



Witty project is focused on addressing the corresponding risk of loss of funds which characterized investments in digital assets due to market volatility. Our Automated Crypto Trading Platform is built with the functions for real-time monitoring, and technical analysis of
***Contd. next page...**



Our objective is to become the front-liner in the advancement of Blockchain Adoption in Africa through delivery of custom products and services tailored to satisfy the needs of Africans thereby changing the narrative within the financial industry in Africa.

*the entire global cryptocurrency markets, this is done with high level of precision and accuracy. Therefore, the chances of loss on digital assets trading is reduced to the barest minimal, using the right application of various trading parameters for events trigger such as Stop-Loss, Trailing Stop Loss, Take-Profit, Trailing Take Profit, Stop Target, etc.

All transactions in the Witty ecosystem occur on the Binance Smart Chain network using the [WTY] token as a primary means of payment. Fortunately, this is in conformity with our goal of building a totally innovative solution that is void of the various limitations of the traditional financial infrastructures.

To further boost the confidence of users in our products/services, we ensured consistency in maintaining the integrity of data which forms the nucleus of the entire Witty ecosystem; we achieved this by

integrating the services of an Oracle Service Provider [ChainLink] with the highest level of accuracy.

Oracle serves as a bridge between Blockchain and Off-chain transactions, thereby providing Smart Contracts with external information needed to perform their automated functions.

Since Smart Contracts cannot access off-chain data, this is where Oracle comes into play. Also, technical analysis tools will be utilized concurrently with other data derived from the global market to form key fundamental analyses to aid decision-making while executing trades.

As the industry and Cryptocurrency market progresses towards maturity, investors are becoming more knowledgeable about the high risks that are involved in trading/ investing in digital assets and are beginning to get inquisitive in finding systems that mitigate those risks.

Problem Background

Over the last decade, Blockchain Technology and Cryptocurrency have transitioned through infancy to the semi-maturity stage as we are witnessing presently.

During the period in question, the industry was plagued with numerous problems due to a huge knowledge gap and lack of the much-needed skillset in terms of competent developers who have a basic knowledge of financial products/services.

As such, quite a number of the earlier products/services suffered failure because they were unable to scale through the business challenges they were confronted with.

Issues ranged from Poor Technical Architectures, Poor Financial Management, Lack of Structure/Governance, Influence of Bad Actors with the sole intent to scam the public, Regulatory Interference/Frameworks that stifle innovation, and outright ban by various Governments of the world, etc.

Among all these prevailing issues in the industry, it's worthy of note that the most devastating of them all was the series of cyber-attack that the industry experienced over the last decade.

It's also important to note that most of such successful cyber-attack on digital assets infrastructure such as Exchanges was as a result of vulnerability/loopholes that characterized most of such infrastructure [Exchanges].

The witty project team obviously studied, analyzed, and clearly understood all these prevailing issues as stated above, and we have put all necessary measures in place to avert such occurrence on our platform.

One of such measures is that we ensured that all our products/services are running on a fully decentralized system that needs less or no human intervention to function. This also implies that our platform does not hold custody of your digital assets.

Rather, you connect to the platform using the API of your trading Exchange account like Binance, etc., and you launch to our Smart Contract Platform through the DApp browser on your Trust Wallet.

We at Witty are very committed to ensuring that all security patches in our system are effectively implemented to ensure a seamless and secure connection between our web interface and interacting Exchange sites.

Our core team is made up of a combined 68 years of work experience cut across sound Finance, Technology, and Marketing backgrounds. Furthermore, the Witty project places as top priority strict adherence to all available industry best practices regarding infrastructure and data such as ISO/IEC 27001-2013, and Cryptocurrency Security Standard [CCSS]



KYC/AML

Global regulatory policy requirements are getting more tightening than before. Therefore, the Witty Project will treat as top priority issue of KYC/AML implementation while retaining the user experience and satisfaction of our platform.

In spite of the fact that Witty platforms are built on the concept of decentralization, we will also stand out as a responsible organization in compliance with all necessary regulatory policies put in place within the regions of our operation.

The Witty Project may integrate in the nearest future some protocols that will aid swift and seamless KYC/AML policy implementation in order to checkmate fraud and money laundering in line with the industry best practices and

regulatory compliance as well.

Considering the well-known trend that most crypto users shy away from KYC and AML compliance due to how stressful/ tedious some system/platform's KYC requirement could be during identity verification, therefore we will integrate the services of protocols that in real-time captures user's ID and provides a quick selfie containing live detection that could verify users in a few minutes/seconds.

Witty will mitigate KYC and AML risks by leveraging the protocol's server-based fraud detection functions. The protocols will also contribute to seamless customer conversion and fraud mitigation with real-time accurate verification.

End-To-End Encryption

The Witty Project will ensure maximum security of all platforms in our entire ecosystem using end-to-end encryption. Thus, we are deploying a unified surveillance protocol that assures that the Witty protocol network is secure and protected from attacks.

We are deploying a network infrastructure and services API layer that provides the majority of functionality for common application development which will help the Witty Project to overcome a variety of security vulnerabilities that characterized many online systems by utilizing advanced security patch protocols for internet communication.

Above all, our users stand to enjoy some level of peace of mind while transacting on our platforms, in terms of privacy and data security. We explored the resourcefulness, efficiency, and scalability of the Binance Smart Chain and merged it with our secure and decentralized network supporting DApps; we ensure protections of all participant's privacy, yet maintains no hidden charges on transaction costs as was characterized by many online platforms exploiting user's resources as strategies for shady

revenue generation.

Furthermore, our unified surveillance protocol is also underpinned by a decentralized virtual private network [VPN] that verifies secure and anonymous connections to other networks and access to region-restricted websites.

Our surveillance protocol structure consists of a decentralized data sharing mechanism that affirms data security without a third-party interception that could lead to system failure/downtime. Our protocol also incorporates a scalable PoS and hashed graph algorithm that enhances Blockchain Network Scalability.

Witty intends to leverage the smart contract flexibility by implementing protocols associated with specific use case scenarios with integrated functions that support cross-chain interaction as characterized by Binance Smart Chain.

With these features in place, Witty can evidently attract and strengthen more traffic within a short time frame, yet maintains data confidentiality and mitigating all corresponding risk exposures that accompanying such large traffic.

Market/Industry Analysis

The global remittances market contributed over US\$700 billion in annual revenue in 2019 and is forecasted to rise annually by 7-8% throughout the next ten [10] years.

Remittances are particularly costly for Sub-Saharan African migrants whose payments amount to 7.45% which is substantially higher than a large proportion of global transactions and nearly double payments in other parts of the world.

The average remittance fees annually sum up to 7% yet with high latency execution time ranging between 2-5 days duration for cross-border settlement /transactions.

Diversion or total loss of funds is the major risk factor that characterizes cross-border remittances through the traditional banking system, thus research had shown that an estimated figure of about 84% of remittance funds are lost to service providers annually. Witty is here to offer Africans the opportunity to obviate inefficient

and delayed remittance transactions with exorbitant fees, by adopting a system that offers one-click transactions and streamlining workflows. The Witty protocol will leverage on “Lightening Networks of other Blockchain to implement near-instantaneous transactions to ease the challenges of cross-border transactions in Africa.

The industry is ripe for disruption as well as market incumbents;

The application of Blockchain technology in the finance industry, especially in remittances and settlement of trades is the antidote for the age-long bottlenecks in the financial service sector across the globe. And most Blockchain like Ripple, Stellar Lumens, has the capacity to process above 4000 transactions in real-time within milliseconds based on their validation blocks algorithm.

Additionally, distributed ledger technology reduces transaction costs by 60% enabling lower value

payments and supports retail clients with receiving immediate international payments on select corridors, and furthermore, Blockchain alleviates the hassles of cross-border user verification in the traditional banking system.

The Witty ecosystem offers a variety of products and services that encourages financial inclusion, and further contribute to promoting some level of transparency and healthy fees regime in the payments industry.

Additionally, remittances/ cross-border settlement is constantly facing regulatory confrontations, which further contributes to providers hiking of fees due to the processes involved in satisfying AML and counter-terrorism financing regulations.

Blockchain evidently reduces direct costs associated with remittances pertaining to financial transfers by the use of faster and scalable digital currencies.

The Cryptocurrency Market

Cryptocurrency trading is anticipated to increase exponentially in 2021 as expected millions of both institutional and private investors are diving into the market within the next decade. The total market capitalization is expected to rise to US\$6trillion by 2023, amounting to an annual trade volume in the multi-trillions.

Cryptocurrency exchanges are subject to constant cyber-attacks, hence, safety /security are primary industry concerns.

The Mt. Gox theft in 2014 remains the largest heist throughout cryptocurrency history and consisted of a misappropriated 850,000 BTC. Consequently, Mt. Gox claimed the coin heist was due to an underlying BTC transaction malleability bug.

In the light of this menace, the Witty Project will consistently sensitize our users on the need to be more security conscious and observe due diligence while transacting on our platforms, and

other third-party platforms. Most importantly, using cold-storage methods for storing digital assets instead of storing on the exchange sites, implementing double-layered authentication protocols in securing their accounts on trading Exchange sites.

Most cold-wallets storage comprises innovative security features such as PIN codes and embedded screens. Transactions on the wallets are signed within a trusted computational environment including the ARM Trust Zone and private keys are not exposed to host computers. Signed transactions are delivered to

averages amounting to simple moving averages, and exponential moving averages.

The AI Trading system also wallets using specific APIs provided by hardware wallet vendors. Cold-wallets storage is less vulnerable to online attacks as private keys are not accessible by host computer malware.

Maintaining offline keys deters coin theft and the compromise of cold wallets is less feasible. Witty Automated Trading System is integrated with algorithmic trading features to analyze technical indicators such as price moving.

User Experience

The user experience comprises of four [4] simple steps;

1. Subscribe to the automated trading system by paying for the Regular or Smart Pricing.
2. Fund your Binance account with your Trading Capital.
3. Link the API from your Binance account to our system.
4. Finally, set up your simple configuration where applicable.



Meet the Team



DAN EWAH

CO-FOUNDER / CEO / CMO

<https://www.linkedin.com/in/danewah/>

Dan Ewah (fondly called Dannish by his buddies) is a Blockchain Angel Investor, Digital Marketing Consultant/Growth Hacker, and Founder of Marketing on Fire.

Dan is a three-time company Co-Founder. He has a Finance background having worked with United Bank for Africa, he's been active in the Digital Marketing space since 2002 and the Cryptocurrency space since 2016.

Dan has 13+ years of professional working experience but has had side gigs as a wanna-be entrepreneur since 2002 during his University days.

He's passionate about creating awareness for Financial Education, Digital Marketing, Network Marketing, and how to leverage the Cryptocurrency space to achieve Financial Freedom.

In the last 26 months, he has spoken to a collective audience of over 52,000 people; he mentors a dedicated group of people in a Business Growth Club.

Dan is a natural leader, with an ability to mobilize people towards a cause he believes in, he's very resilient never taking a No for an answer.

Here are some of his core skills and competencies;

- Forward Thinking
- Calculated Risk-Taking
- Strategist
- Constructively Tough Minded
- Pragmatically Inclusive
- Measured Emotion
- Team Builder
- Willingness to Trust

He loves Reading, Public Speaking, and Travelling. He trained as an Economist at Ebonyi State University in Nigeria; he's currently an Executive MBA student in the prestigious Lagos Business School.

His driving principle is one of the quotes by the legendary Zig Ziglar which says "You can have everything in life that you desire If only you can help enough other people get what they desire."



ARINZE JOHN OKAFOR

CO-FOUNDER/ COO

<https://www.linkedin.com/in/arinze-john/>

Arinze is a Certified Blockchain and Network Security Expert with over 10 years' industry Experience.

He is the Convener of CyberChain, [Nigeria's most engaging and people-focused Cybersecurity and Blockchain Conference].

He is a founding member of the Nigeria Blockchain Association [SIBAN]. And he is also the current Vice-President, Policy and Regulation of the Association [Stakeholders in Blockchain Technology Association of Nigeria -SIBAN].

Arinze has served in advisory roles to several Blockchain and Cryptocurrency projects in the last 3 years.

His Competencies cut across;

- ICT/Digital Solutions
- Project Management
- Blockchain Technology
- FinTech
- E-commerce
- Cybersecurity

Arinze is an optimist, and a strong advocate of Integrity as a Culture in Business. Over the past 4 years, Arinze has championed the drive for mass adoption of emerging technologies of the 4th Industrial Revolution, especially Blockchain Technology and Cybersecurity. He's currently running an M.Sc program in Blockchain and Digital Currency in the University of Nicosia, Cyprus [UNIC].



LINDA LESSLE

CHIEF FINANCIAL OFFICER [CFO]

Linda is a Certified Finance Analyst from the United Kingdom; she has 36 years of working experience cutting across Finance and IT.

She's had experiences working with companies like Barclays Bank, Medical Aid Fund, Lexicon Business Systems, ITWEB, TNA Media, LLaLe Capital,

Quantity Surveyor, and Project Management Services, and Intersys IT Limited.

Linda has a set of core competencies and hard skill, they include but not limited to;

- Risk Assessment/Management
- Compliance
- Audit
- Treasury Management
- Financial Forecasting
- Management of Information Systems
- Corporate Governance

She has excellent interpersonal and communication skills, a balanced personality, high working capacity, strong service attitude and she's a commercial visionary who is able to sell company core values and interest to the stakeholders – Customers, Auditors, Consultants, Advisors, Regulatory Bodies, Liquidity Providers, and Employees.



JATIN GOYAL

CHIEF TECHNOLOGY OFFICER [CTO]

Jatin Goyal is the Founder of Vincit Software and Consulting Private Limited; He's an experienced full-stack Engineer who is proficient in end-to-end Blockchain Development with 9+ years of active experience.

Jatin is a solutions-oriented IT-Software/Blockchain Developer and Programmer highly regarded for more than 9 years of progressive experience in developing, implementing, and supporting complex infrastructures and technical solutions for the Blockchain and Technology industry.

He's a motivational and influential Project Manager providing effective leadership in fast-paced deadline-driven environments. He has a track record of surpassing goals and expectations for quality, schedule, and cost while implementing leading-edge IT solutions.

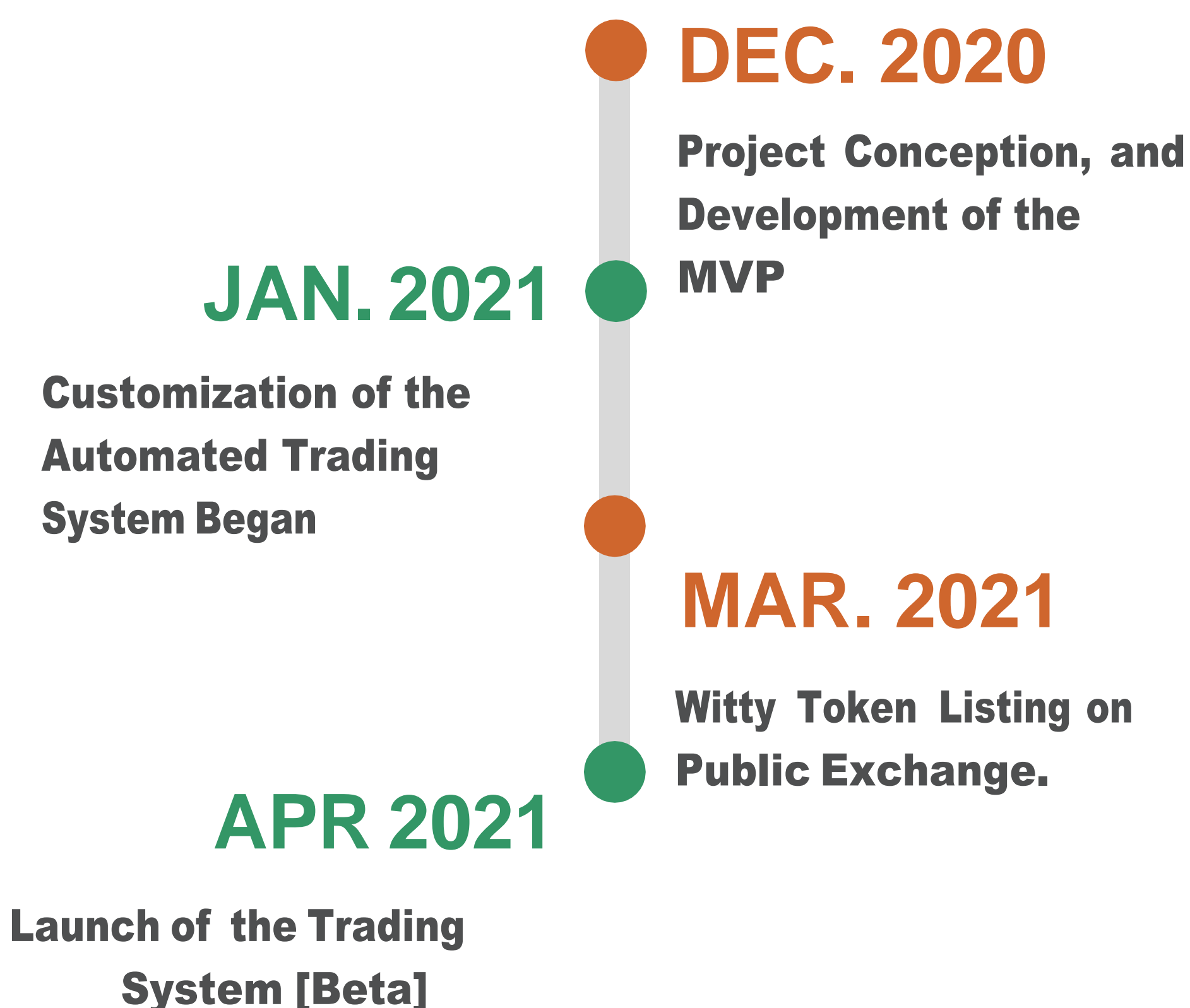
He's an out-of-the-box thinker who thrives in collaborative environments, working across business and technical teams to increase profits and reduce costs through continuous improvements and strategic IT infrastructure planning.

Here are some of his core skills and competencies;

- Experienced in working with open-source projects and community activities.
- Strong knowledge of common algorithms and datastructures.
- Strong knowledge of bitcoin-like and Ethereum-like blockchain, Tendermint, EVM.
- Advanced knowledge of cryptography (symmetric/asymmetric, hash, signatures).
- Experienced with popular consensus mechanism (POW, POS, POA, etc) & P2P network.
- Proficient in Linux OS and Linux commands.
- Proficient in Cloud Computing (AWS, Google Cloud, Azure, AliCloud).
- Proficient in Docker Container Technologies, Kubernetes.
- Proficient in the following Object Oriented languages: TypeScript/JavaScript, C++, Go-Lang, Java, Rust
- Proficient in NodeJS, NPM, GIT repositories, open-source tools & technologies.
- Proficient in Key Value Databases (Redis, LevelDB, etc).
- Experienced in project management.
- Familiar with Front-end development (Angular, React, Vue js, etc).
- Strong knowledge of Databases (MySQL, PostgreSQL, MongoDB, etc).

He has a Bachelor of Technology degree (BTech) from Maharshi Dayanand University Rohtak.

Roadmap



The release of our Use Cases are tied to the achievement of targeted milestones.

1. Automated Crypto Trading System – Launched on the 24th of April, 2021

2. Decentralized Peer to Peer Exchange – Development starts when we hit 1000 Monthly Active Users (MAU)

3. Crypto Lending Platform – Development starts when we hit 10,000 Monthly Active Users (MAU)

4. Crypto Staking Platform – Development starts when we hit 10,000 Monthly Active Users (MAU)

5. Crypto Payment Gateway, Cart and Affiliate System – Development starts when we hit 20,000 Monthly Active Users (MAU)

6. Witty Fund – Development starts when we hit 30,000 Monthly Active Users (MAU)

Disclaimer

Sourced and published for Witty Project

Our white paper should not be viewed as constituting investment advice and we do not accept or intend to accept liability for any kind of losses due to use or reliance on the content of this Whitepaper.

Though significant efforts have been made to verify the document's accuracy and reliability, yet Witty cannot accept responsibility for errors, omissions, and inaccuracies, misinterpretation, or any form of misuse of the information contained herein.

Token Structure

The Witty project will issue and launch a 20 Million Maximum/Total Supply [WTY] token and List on a public Exchange concurrently. WTY token is built on the hybrid Binance Smart Chain and it will leverage the fast and scalable features of the BSC interoperability.

Witty token [WTY] will utilize a unique consensus algorithm [Proof-of-Concept] to implement governance in our entire ecosystem.

POC rewards users who conduct further research on the Witty ecosystem and develop a proven feasible concept that could

contribute to the further advancement of the entire Witty project. Such a concept/idea will go through a voting process by the community, after which final judgment will be passed and the concept will be adopted for further development and implementation.

Witty token [WTY] is capped at a maximum supply of 20,000,000 [Twenty Million] token forever, with a circulating supply of 1,000,000 [One Million] token only for the First two [2] years after which it will commence 5% emission annually [after the first 2 years, only 5% of the remaining total supply will be emitted annually].

Token Attribute

Token Name: Witty

Token Symbol: WTY

Decimal: 8

Contract: 0xC2Adf363BE367031daD8BCe42e4077e53c166275

Website URL: wittytech.io

Token Distribution

TOTAL TOKEN SUPPLY: 20,000,000

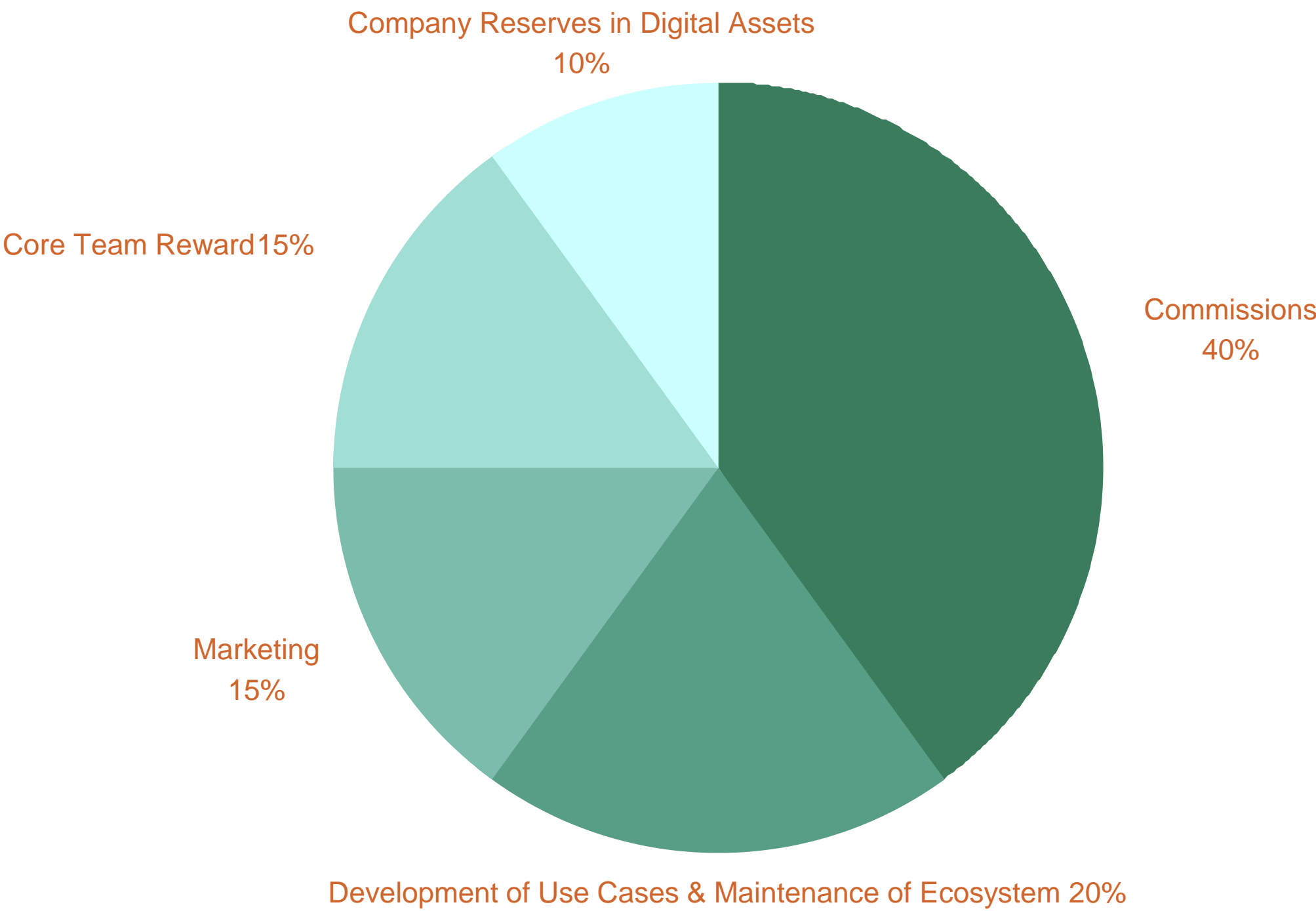
REVENUE ALLOCATION

CIRCULATING SUPPLY: 1,000,000
WTY for first 2 YEARS [till 2023]

20,000,000 Total Token Supply	1,000,000 Circulating Supply
WTY Symbol	Witty Token Name

- 40% - Commissions
- 20% - Development of Use-Cases & Maintenance of Ecosystem
- 15% - Marketing
- 15% - Core Team Reward
- 10% - Company Reserve in Digital Assets

Revenue Distribution



Risk Analysis

Cryptocurrencies are subject to continuously encroaching regulation regarding the legality and the operating environment; subsequent legislation may be enacted regarding blocking usage. Meanwhile, the Witty project will do our best to mitigate those risks using a two-pronged strategy. The primary strategy involves remaining attuned to the market curve, and in compliance with industry best practices, while continually monitoring market dynamics and governments' global legal positions on digital assets. The second strategy will entail a holistic approach to global expansion, implementing use cases that will launch the Witty ecosystem on the shores of other countries and continents, so as to gather a wide range of market experience that could form parameters for an informed decision at all time. The Witty Project has to its credit some well exposed and seasoned

entrepreneurs on her management team who have very good relationships with Policy Makers and key Business Leaders. Furthermore, the Witty Project recognizes the risk factor due to the volatile nature of the Cryptocurrency market, with the threat of an overarching global cryptocurrency market collapse despite a plethora of reports demonstrating that cryptocurrency is the future of money. However, Witty will continue to ensure strict adherence to international regulations for industry best practices by implementing some internal security policies that will future-proof all our platforms for efficient delivery of products and services. Thus, capitalizing on valued collaboration building synergies for further development that will encourage global footprint and retaining the ability to control a larger market share in every region of our operation.

Marketing and Expansion Plan

Witty will deploy an expansive marketing plan to efficiently scale through the hurdles of a new entrant into the global market. Our marketing and promotional approach will be strategic and holistic, consisting of various social media campaigns on Facebook, Instagram, Twitter, LinkedIn, YouTube, Medium, Reddit, Bitcoin Talk, etc.

We will additionally implement Content Marketing, Email Marketing, and SEO to ensure active visibility of our project/brand to the public when conducting searches on most primary search engines. We intend to attract, build and sustain volume by consistent interaction with our community and general public through intuitive webinars that focus not only on our products/services but impacting Financial Education.

The Witty project will seek collaboration with key Forums, and Social Media Influencers that could

support in driving our on-site and off-site SEO campaigns. We will also roll-out various categories of referral and bounty programs to encourage our users and reward loyalty.

Furthermore, we will explore more avenues to woo more users through active participation in Blockchain Events and Expos thereby connecting with global industry-leading Advisors.

Witty will be particularly active on Telegram, Twitter and Medium as our official media handle for providing regular information to our community. We will utilize the threads as an archive of information for all participants in the platform to reference. We will focus on community-building initiatives by maintaining real-time Telegram chat channels that will encourage the active participation of every member on the day-to-day affairs of the project developments and serve as the community's central node.

Contact

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