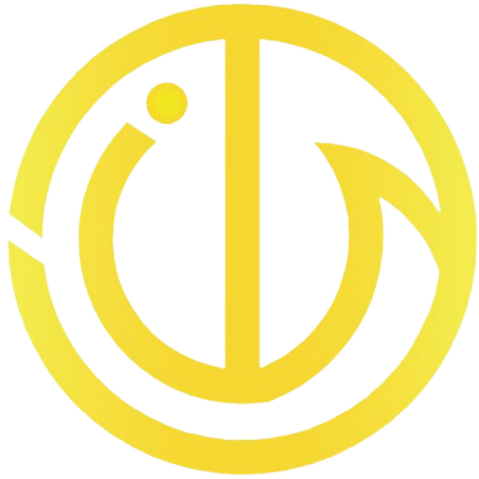




TUIN
GROUP OF COMPANIES



Tuin Token
White Paper

A Next-Generation Smart Contract and Decentralized of Investment Ecosystem

International trade began to flourish in Antwerp in the late 1400s. Merchants purchase goods with the expectation that prices will rise in order to make a profit. There is also some bond trading. During this period, human civilization learned the importance of collaboration in order to prevent the manipulation of prices on the market. Following this, the first modern stock market was established in Amsterdam in 1611. The Dutch East India Company (VOC) became the first publicly traded company and remained publicly traded for many years. Only this company trades on the exchange. This company increased its equity to approximately 78 million Dutch guilders, or USD 7.9 billion, and their stock price was comparable to all the large tech companies in this time period, such as Apple, Microsoft, Amazon, Tencent, ExxonMobil and Wells Fargo. This was the basis for the Buttonwood Tree Agreement, which was made by a small group of merchants. During the late 1700s, the men met daily to purchase and sell stocks and bonds, resulting in the formation of The New York Stock Exchange. It was followed by the Dow Jones Industrial Average in 1896; the S&P 500 in 1923; and the National Association of Securities Dealers Automated Quotations (NASDAQ).

There were a number of market crashes during the period because a large number of speculators made leveraged bets on the stock market and caused the price to rise. This occurred during the "Roaring 20s" of 1929. In 1987, the market was followed by the Black Monday crash, which was caused by corporate buyouts and portfolio insurance, which caused prices to rally until October 19. Following the boom and bust of the housing market, along with the proliferation of mortgage-backed securities in the financial sector, came the 2008 Crash. According to this timeline, there have been a number of stock market crashes and speculation has always directed the market to the worst outcome. Since its inception, the world has been using the same method and accepting its impact without hesitation. Consequently, many people always hide behind the word "resilient", as they believe that the financial world can always withstand or recover from difficult circumstances. Nevertheless, today we are facing a revolution of Web3 because there are a lot of new generation events. This phenomenon has been accepted by both generations. To encourage new generation interest in the market, our investment system must also adopt and incorporate new approaches to investment. A large company with good fundamentals will not always be able to survive a significant market crash.

Introduction to Web3

The concept of investing, as well as alternative applications such as stocks, government bonds, bank deposits, mutual funds, etc., has been around for more than a century. This has had a significant impact on our civilization and has also caused a number of problems. This cannot be excluded as a result of the influence of the World Wide Web (Web). The volume and speed of information in our lives are incredible. Prior to the advent of quarterly and annual reports, solid information about publicly traded companies was difficult to obtain. Business news was collected and disseminated by the Wall Street Journal and a limited number of finance-related publications. However, this news was conveyed to the general public at the speed of print (if it reached them at all). In order for this news to be reported, it had to be of significant importance; even then, it had to be written up, printed, and distributed. In the current environment, even obscure companies are able to publish a steady stream of information, from daily price fluctuations in the stock price to announcements and posts on dedicated message boards.

From the beginning to the present, the Web has been undergoing changes which can be categorized into three phases: Web 1.0, Web 2.0 and Web 3.0. Throughout history, many people have thought of the Web as an integral part of modern life- it has been invented and has only existed since then. However, the Web we are familiar with today is very different from what was originally imagined. The Web 1.0 system consists of a read-only system with little or no interaction between users. It was Tim Berners-Lee who developed the protocol that would become the World Wide Web (Web). The idea was to develop an open, decentralized protocol that would enable information sharing from anywhere on Earth, roughly between 1990 and 2004. This was followed by Web 2.0, in which the web evolved into a read-write environment. The emergence of social media platforms occurred between 2004 and 2014. Instead of providing content to users, companies started providing platforms for sharing user-generated content and engaging in user-to-user interaction. As a result, Web 3.0 has already begun to emerge, which was launched in 2014. It has become a catch-all term for the vision of a new, better internet, based on blockchains, cryptocurrencies, and NFTa, giving control back to users.

Core Idea of Web 3.0

Despite the fact that Web 3.0 has already spent more than a decade in development, it remains far from its final purpose as a result of the big vision it embodies. There are a few principles that guide its development:

- In Web 3.0, ownership is distributed rather than centralized: instead of large swathes of the internet controlled and owned by centralized entities, ownership is distributed among its builders and users. This means that it will be dependent upon the unlimited border in order to grow.
- The Web 3.0 technology is permissionless, which means that everyone has an equal opportunity to participate in the Web 3.0 technology.
- Native payments are available in Web 3.0: Users can spend and send money online using cryptocurrency rather than relying on outdated infrastructure associated with banks and payment processors.
- The Web 3.0 model is trustless in the sense that it operates on the basis of incentives and economic mechanisms rather than relying on trusted third parties for trust.

Web 3.0 and The Investment Ecosystem

An investment instrument like the stock market is always subject to a variety of factors, such as, political upheaval, interest rates, current events, and exchange rate fluctuations. As an example, developing countries with a high currency rate will always be at the top of developing countries. For example, if people wanted to build a business called A plan in a developed country which would need to raise \$1 million dollars. However, with that amount of funds, people in developing countries could create many businesses and obtain A plan, B plan, etc. Developing countries find it difficult to enter the global market due to the gap in exchange rates. Furthermore, a start-up company that was initially founded in a developing country will always look to a developed country stock market to raise a large sum of money, resulting in the developing country losing a major financial asset. Because of this problem, the investment ecosystem is controlled by a certain country. If a country faces a certain problem that causes an economic crash, the developing countries do not have a chance to prevent or anticipate the problems that may arise which turn into a domino effect. The only thing developing countries can do is receive and do their best to survive. Over the course of time, this problem has always happened and has caused a lot of countries to collapse as a result.

It should also be noted that each investment instrument represents a portion of the total investor population. In general, the more populous a country is, the more capital it can have rooted in the market, which in turn requires a significant level of engagement. A great business plan can pose a number of challenges to those who wish to seek investors, including strict regulations pertaining to entry into the investment market, lack of connections, and also the fact

that large corporations have already absorbed a significant amount of funding. When it comes to foreign direct investment (FDI) between Malaysia and Singapore in 2021, the two countries share a close border, however they have a huge gap. Malaysia's FDI per capita in 2021 was approximately \$312 while Singapore's was approximately \$25,900. It is evident from this fact that there is a serious problem regarding the investment environment in developing countries and also in developed countries looking for potential markets.

In order to address all of the problems that occur in today's investment ecosystem, there should be a revolution in the tools available to address many of the problems. In light of Web 3.0's many advantages, it could be a promising option to consider. Web 3.0's ability to decentralize people and create an independent environment for people to interact with one another can be the key to achieving no border and barrier to investment. The Web 3.0 technology can serve as a bridge between those who have a good idea and those who have the financial resources to collaborate more. In Web 3.0, artificial intelligence (AI) can be used to enhance data analysis and pattern recognition to gain a greater understanding of the business, make better decisions, calculate risk management and fraud detection, increase efficiency in filtering ideas and effectiveness, and also to improve forecasting and prediction of the market. A combination of AI and Web 3.0, as well as native payments, may be able to resolve the problem of currency rates. Using the Web 3.0 ecosystem, the way in which the current investment ecosystem operates will be swiftly transformed into a massive revolution.

Tuin Cryptocurrency Token

Tuin's cryptocurrency token project provides a funding solution for entrepreneurs who do not have access to traditional financing channels. Globally, countries are collaborating to grow their businesses together as well as emerging markets and large markets. By leveraging blockchain and Web 3.0 technology, the project will create a decentralized, transparent, and accessible platform where entrepreneurs can pitch their business ideas directly to investors. On the platform, the Tuin token will serve as an exchange currency, allowing investors to fund pitches they believe have a high potential. The investors will receive a return in the form of profit-sharing or equity in the funded companies. Using blockchain technology and smart contracts, the Tuin platform will automate the investment process and provide transparency, making it easier for entrepreneurs to obtain funding and investors to identify investment opportunities. The Tuin token has the potential to contribute positively to the global economy by promoting innovation and supporting startups and existing businesses. By supporting innovation and entrepreneurship, the token represents an alternative innovative solution to a pressing global challenge.

The market for alternative funding solutions, such as crowdfunding, has been growing rapidly in recent years, driven by a need for more accessible and democratic financing options. This is particularly true in developing countries and emerging markets, where access to

traditional financing channels can be limited. According to a report by the World Bank, there is a \$5 trillion global funding gap for micro, small, and medium-sized enterprises (MSMEs), which represents a significant market opportunity for alternative funding platforms like Tuin. In addition, the adoption of blockchain technology and cryptocurrencies has been gaining momentum, with more businesses and investors recognizing the potential of these technologies to improve efficiency, transparency, and security in financial transactions. This has led to the emergence of a new market for blockchain-based funding platforms, which are expected to grow rapidly in the coming years.

Tuin Economics

Tuin cryptocurrency token project is a vibrant ecosystem designed to revolutionize funding opportunities for entrepreneurs worldwide, the Tuin token serves as the chief constituent of the platform, empowering investors and creators alike.

The Tuin token boasts a fixed total supply of 5 billion Tuin tokens, carefully crafted to ensure scarcity and value appreciation. Within this supply, 2 billion Tuin tokens are reserved for dedicated team members, visionary advisors, and early investors who believe in the transformative potential of the Tuin project. As entrepreneurs pitch their innovative business ideas on the Tuin platform, investors can unleash their financial prowess by funding these groundbreaking ventures with Tuin tokens. This democratized funding mechanism provides investors with a unique opportunity to actively participate in the growth and success of businesses they believe in.

“Tuin token, cultivates dreams, bears investment fruits, and discovers the world’s limitless potential of visionary minds.”

In return for their invaluable support, investors stand to reap generous rewards. Whether through profit-sharing or equity, the Tuin platform ensures that investors are duly compensated for their noble contributions. As the funded businesses flourish and prosper, investors will witness their financial seeds blossom, reaping the fruits of their strategic investments.

The Tuin token, built on the robust Ethereum blockchain using the widely embraced ERC-20 standard, guarantees seamless and secure transactions within the ecosystem. Smart contracts, imbued with the power of automation, govern the investment process, meticulously tracking contributions and rewarding investors. But the Tuin token is more than a mere financial instrument. It represents a beacon of hope for entrepreneurs worldwide, illuminating the path toward their dreams. With every Tuin token exchanged, the platform brings us closer to a future where talent knows no boundaries and innovation knows no limits.

As a community united by ambition and resilience, we will redefine the global economy, fostering a fertile ground for entrepreneurship and nurturing a vibrant ecosystem of collaboration and growth.

Technical Overview

Tuin sets a new standard for decentralized funding platforms, enabling entrepreneurs and investors to connect, collaborate, and drive innovation in a secure and scalable environment.

The Tuin project is built on the Ethereum blockchain, utilizing the ERC-20 token standard to create a robust and secure ecosystem for funding entrepreneurs. The Tuin token serves as the primary means of exchange within the platform, allowing investors to fund pitches and earn returns in profit-sharing or equity. The platform's technical infrastructure incorporates advanced security measures and follows industry best practices for blockchain development. Strong encryption protocols and secure storage mechanisms safeguard user data and transactions. Regular security checkups and vulnerability assessments ensure that the platform remains irrepressible against potential threats.

Scalability is a critical consideration for the Tuin project. The platform is designed to handle a growing user base and increased transaction volume without compromising performance. Through innovative scaling solutions, such as layer 2 protocols or off-chain processing, the platform can accommodate a large number of simultaneous transactions while maintaining fast confirmation times and low fees. Community-driven governance mechanisms are integral to the Tuin platform's architecture. Decentralized decision-making processes empower the community to participate in shaping the platform's rules, policies, and future developments. This democratic approach ensures that the platform evolves in a manner that reflects the collective interests and aspirations of its users.

Smart contracts play a main part in automating and streamlining the investment process on the Tuin platform. These self-executing contracts, written in Solidity (Ethereum's smart contract programming language), facilitate trustless interactions between entrepreneurs and investors. Smart contracts automatically execute predefined conditions, ensuring that investments are securely managed and transparently tracked. These contracts are stored on the Ethereum blockchain, guaranteeing immutability and auditability of all investment transactions.

To enhance the user experience and provide seamless interaction, the Tuin platform may also incorporate user-friendly interfaces such as the web and in coming years a mobile application(s). These interfaces enable entrepreneurs to create compelling pitches and investors to browse, evaluate, and fund projects conveniently. The technical architecture of the Tuin project is continuously monitored and improved. The development team stays abreast of

advancements in blockchain technology and implements upgrades as necessary to ensure the platform remains at the forefront of innovation and industry standards.

Tuin Roadmap

Phase 1	Phase 2	Phase 3
Token and Website Development	Tuincast (Weekly Podcast)	My Tuin 2.0 (Online Marketplace for Start-Up in Tuin System)
Launch to Uniswap and PancakeSwap DeFi's	My Tuin (Tuin Token Investment Website and Apps)	Listing other tokens to TuinSwap DEX
Safety improved (Audit Team KYC, LP locked)	SafeMoon Swap listing	Expansion of the governance system
First CEX listing	Upgrades to the legal entity	My Tuin 3.0 (Start-Up Exchange Platform)
TuinSwap launch (Tuin Token's Decentralized Exchange)	Binance and Bitmart Exchange Platform listing	
Legal entity set up	Listing other tokens to TuinSwap DEX	
Bridge to BSC	TuinDAO (Decentralized Autonomous Organization)formation	

Legal and Regulatory Considerations

The Tuin cryptocurrency token project will need to comply with relevant legal and regulatory requirements, including those related to securities laws, anti-money laundering (AML), and know-your-customer (KYC) regulations. The project team will work with legal and regulatory experts to ensure compliance with these requirements.

In particular, the Tuin token may be considered a security under relevant securities laws, depending on the specifics of the project and how it is marketed to investors. If the Tuin token is deemed a security, the project may need to comply with securities registration and disclosure requirements, and may only be offered to accredited investors.

Marketing and Communication:

The success of the Tuin cryptocurrency token project will depend on effective marketing and communication strategies that reach potential investors and entrepreneurs. The project team will leverage a variety of channels to promote the Tuin platform and build a community of users. Some key marketing strategies that the team will consider include:

- **Content marketing:** Creating high-quality content that informs potential investors and entrepreneurs about the benefits of the Tuin platform.
- **Influencer marketing:** Partnering with influencers in the entrepreneurship and blockchain communities to promote the Tuin platform and build awareness.
- **Social media marketing:** Using social media platforms such as Twitter, Instagram, and Telegram to engage with potential users and share updates about the project.
- **Events and conferences:** Participating in relevant events and conferences to showcase the Tuin platform and network with potential users and investors.
- **Public relations:** Building relationships with journalists and media outlets to secure coverage of the Tuin platform and its impact on the entrepreneurship landscape.

Overall

This Tuin white paper is detailed and comprehensive, it envisions the future of investment and funding ecosystems. By embracing the principles of Web 3.0 and leveraging blockchain technology, Tuin aims to create a decentralized, transparent, and accessible platform where entrepreneurs and investors can connect on a global scale.

The whitepaper begins by providing a thorough analysis of the historical evolution of investment markets, highlighting the challenges faced by traditional systems such as information asymmetry, lack of transparency, and limited accessibility which was influenced by speculations and led to market crashes. It then introduces the concept of Web 3.0, a new paradigm that promises ownership distribution, permissionless participation, native payments, and trustless operations, shifting towards a more inclusive and efficient model which addresses the existing problems in the traditional investment ecosystem. Tuin's core idea revolves around harnessing the power of Web 3.0 and blockchain technology to create a borderless and barrier-free investment environment. By decentralizing the investment process, Tuin aims to bridge the gap between entrepreneurs with innovative ideas and investors seeking opportunities. The integration of artificial intelligence (AI) and Web 3.0 holds the promise of enhancing data analysis, risk management, and market prediction, further bolstering the potential of the Tuin platform.

Central to Tuin's vision is the democratization of funding. The whitepaper details how the platform will provide entrepreneurs with direct access to investors, enabling them to pitch their ideas and receive funding without the traditional intermediaries. Through a decentralized crowdfunding mechanism, Tuin aims to level the playing field, particularly for entrepreneurs in developing countries and emerging markets who often struggle to access traditional financing channels.

The integration of artificial intelligence (AI) and Web 3.0 is another key aspect emphasized in the whitepaper. It highlights how the combination of these technologies can enhance data analysis, risk management, and market prediction, providing valuable insights to both entrepreneurs and investors. Tuin envisions leveraging AI algorithms to assist in project evaluation, due diligence, and smart contract implementation, streamlining the investment process and reducing associated risks. Economically, the Tuin token presents a vibrant ecosystem that rewards investors for their contributions. With a fixed total supply, the token ensures scarcity and value appreciation. Investors can expect returns in the form of profit-sharing or equity in the funded companies. The Tuin token, built on the Ethereum blockchain, guarantees seamless and secure transactions, facilitated by smart contracts that automate and streamline the investment process. From a technical perspective, the whitepaper discusses the platform's architecture and security measures in detail. It outlines the use of strong encryption protocols, regular security assessments, and decentralized storage solutions to ensure the privacy and security of user data and transactions. Scalability solutions, such as layer 2 protocols and off-chain processing, are also explained to accommodate a growing user base and increased transaction volume.

The whitepaper emphasizes community-driven governance, highlighting the importance of involving users in decision-making processes. It describes how Tuin aims to implement decentralized governance mechanisms, enabling token holders to propose and vote on platform upgrades, policies, and partnerships. The Tuin roadmap presented in the whitepaper provides a detailed plan for the platform's development. It outlines milestones such as the launch on decentralized finance (DeFi) platforms, the introduction of additional features like podcasts and an online marketplace, and strategic partnerships with other tokens to expand the Tuin ecosystem.

Overall, the Tuin Token whitepaper offers a comprehensive and detailed roadmap for revolutionizing the investment and funding landscape. By embracing Web 3.0 principles, leveraging blockchain technology, and offering a decentralized platform, Tuin aims to foster entrepreneurship, democratize access to funding, and drive global economic growth. With its meticulous analysis, innovative approach, and emphasis on community involvement, Tuin presents a compelling and forward-thinking solution to address the pressing challenges of the investment ecosystem.



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