

GOLDEN TIME

BLOCKCHAIN NETWORK

Hub of Innovative Consumption

GOLDENTIME TOKEN

version 1.0

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● Indemnification Clause

Golden Time Token (GTT) is not a security and does not have effect on ownership of the Golden Time. Therefore, the contents of this White Paper are not used for financial promotions. Only Golden Time Blockchain Networks can issue Golden Time Token.

Golden Time Token will be operated as planned in accordance with the clauses described in the White Paper. (Development may be subject to change, depending on objective and rational decision making)

In order for you to participate in Golden Time and Golden Time community, we encourage you to accurately identify, fully understand and agree with the followings:

1. Golden Time Tokens do not constitute securities under any jurisdiction.
2. All information in this White Paper is not used to induce investment activities or to be invited in any form.
3. The contents of this White Paper shall not be interpreted and understood arbitrarily. (including Golden Time Token, Golden Time Token Sales, Golden Time App and Golden Time Exchange)
4. All information in this White Paper and current or further notice from Golden Time shall not be construed as any form of profit or guarantee of profit, regardless of when it occurs.
5. We acknowledge that there are risks associated with crypto-currency, such as higher volatility and the unique risks posed by the crypto-currency market, which include financial losses.
6. There may be risks associated with Golden Time, business operations, Golden Time Token Sales and Golden Time Ecosystem.
7. Golden Time Ecosystem is currently under development and there may have significant changes prior to launch.
8. We acknowledge that Golden Time may send you an email at any time. And these email notifications do not require your confidential information. Therefore, do not respond to suspicious informal inquiries about Golden Time Token due to possibilities such as fraud, phishing attacks, and malicious intent.
9. Golden Time may not warrant that the operation of Golden Time Ecosystem will be uninterrupted or error-free. Golden Time Ecosystem can be discontinued for several reasons, such as lack of public interest or funding for solution development.
10. Golden Time Token holders never own any securities or shares in Golden Time.

Please clearly understand and acknowledge the above Indemnification Clauses in order to prevent disputes and mutual interests between you and Golden Time

1. Overview

Since Bitcoin, the first generation of crypto-currency, was developed, the currency technology, which is transparent, secure and decentralized, has attracted increasingly many interests, and its feasibility has been verified and achieved. Since then, crypto-currency-based networks such as Ethereum Network have used Smart Contract, paving the way for innovative business solutions.

. In addition, crypto-currency has become available as international currency with world-wide common, cross-border value.

Based on the infinite possibilities of crypto-currency, many companies have already launched various crypto-currency-based solutions and platforms, creating a huge capital and profit community.

Although the crypto-currency-based industry has been growing steadily, it has difficulty in "usability". In fact, it is so difficult and inconvenient for crypto-currency holders to use them in real life.

The problem with usability is that the process of buying, transferring and exchanging crypto-currency is too complex, slow and unstable.

While many companies have tried to improve this problem, they have not yet been able to provide a temporary solution for the convenience of crypto-currency in a virtual space.

In this regard, Golden Time Coin will propose a platform that can lead innovative consumption to improve usability of crypto-currency.

Golden Time Team aims to introduce Golden Time Ecosystem so that users can easily converge various crypto-currency into a golden time token just by having a Golden Time Wallet, and use the franchisee in a wide range of their online and offline consumption.



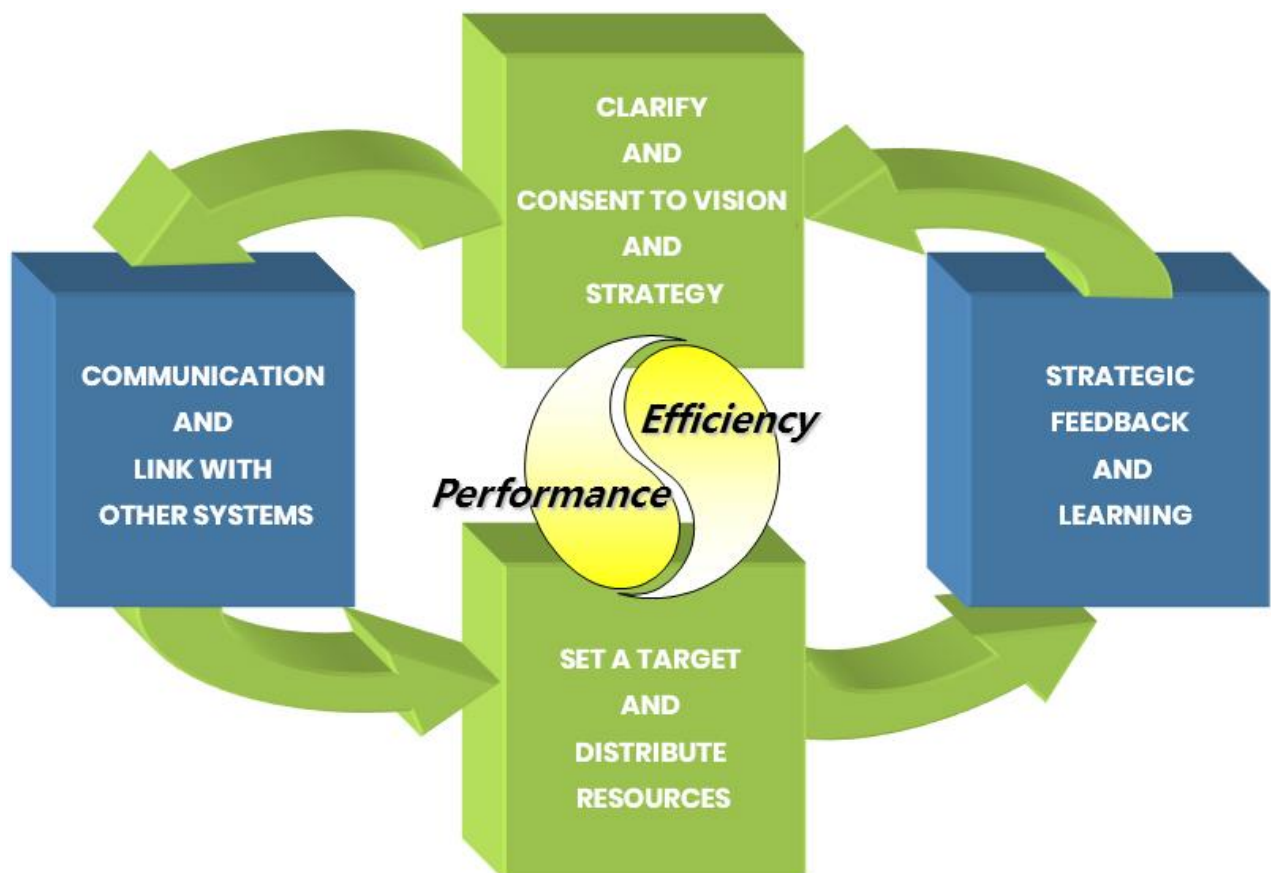
2. Vision

2.1 Vision and Strategic Planning

Golden Time's vision is to provide users with a crypto-currency-based payment platform service that they can use anytime, anywhere in their lives.

JUST USE, anytime & anywhere

In order to achieve the vision of Golden Time, we intend to establish a step-by-step target by clarifying the appropriate strategy to maximize its efficiency and performance. For this goal, the Golden Time team aims to continuously communicate with both the provider and the user, and to achieve a challenging vision through feedback and learning.

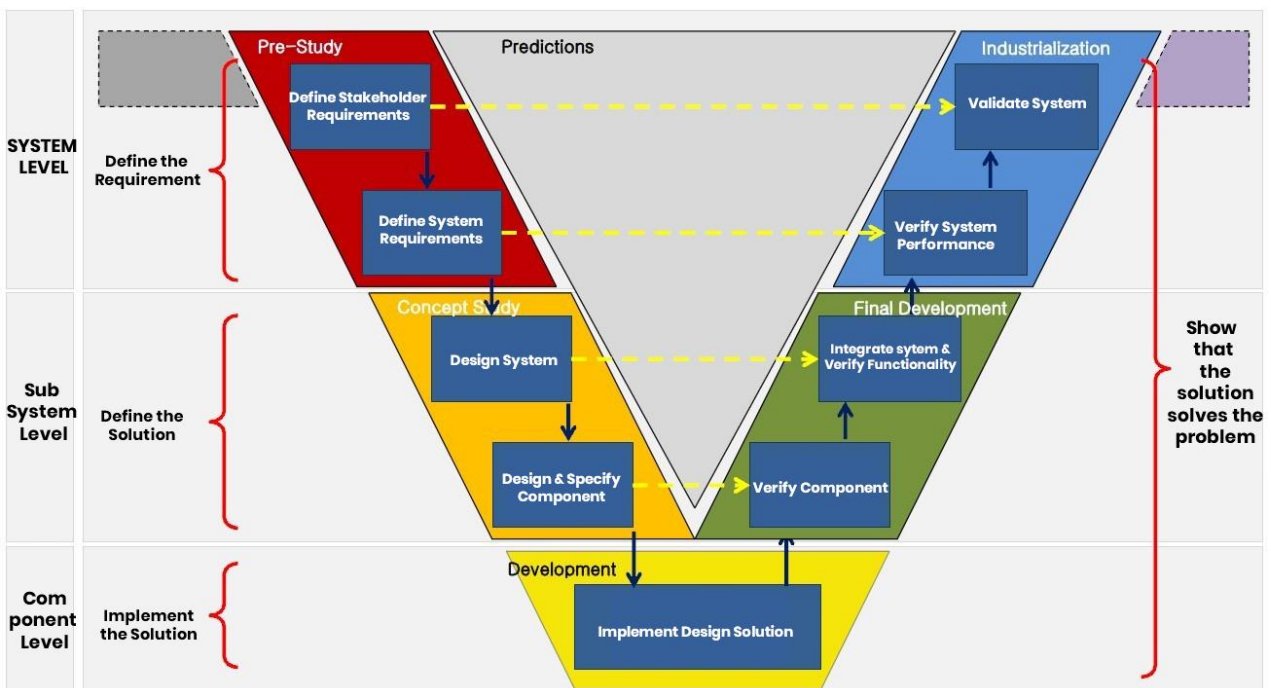


2.2 System Design for Vision

In order to realize this vision, we need to analyze and meet both service users and providers' needs, and we need to practically implement all the matters to be accomplished.

Golden Time will apply system design techniques to clearly analyze the respective needs of users, merchants, and partners, and to design accurately a platform for improvement, and will set quantitative indicators to conduct objective evaluation and verify the improvement effects of the new platform.

The payment industry must meet all requests from users, providers, and payment infrastructure. The following is a V-model, one of system design techniques to be implemented.



The Golden Time team will begin the first step in achieving its vision by providing users with a Golden Time Wallet payment infrastructure, with existing online shopping mall partners as providers. Then, we will expand the payment of Golden Time Wallet into the offline field and secure additional service providers. In the meantime, the exchange function will be linked to Golden Time Wallet to enable swap and withdrawal with other crypto-currencies.

3. Ecosystem Golden Time Ecosystem

3.1 Purpose of Golden Time Platform

As the environment of virtual space is now being created by the development of the online world, the perception of space in life is changing and its area is expanding. Based on this trend, many crypto-currency-based platforms are being coming out, and each of them is attempting to provide a variety of services. However, their performance for usability has been low so far, so Golden Time Platform has been established to improve the performance in an innovative way.

Golden Time Platform is aimed at extending its business areas from the online space to the offline to improve the quality of consumption, to improve the value of space, to share it, to connect space and another space, and to change the lifestyle globally, thereby changing paradigm of life and improving the quality of life.

The Golden Time platform aims to combine the most effective and realistic blockchain platform in life with blockchain.

The benefits of participating in Golden Time Platform include:

- Participating in various value investing
- Revenue dividends from value investing
- Receiving rewards based on value collateral and value variability
- Sharing a variety of values with connected services

Golden Time Platform carries out a variety of detailed strategies and aims to provide innovative services where blockchain technology enables new on- and off-line shopping malls, content, investment methods, financial techniques and globalization, and the investment or transaction of various liquidated assets.

In order for these services to be provided, we are pursuing the following platforms:

- Integral Platform
- Transparent Platform
- Secure Platform
- Stable Platform
- Universal Platform
- Scalable Platform

3.2 Overview of Golden Time Platform

Golden Time Platform is under development, focusing on Golden Time tokens for on- and off-line shopping malls, content development and usability for the next generation. The purpose of the Platform is to implement investments or transactions in various liquidated assets using crypto-currency in Golden Time Platform.

For this goal, Golden Time Platform consists of Golden Time Token, Golden Time Networks, and DApp Protocol, etc.

- Golden Time Token: ERC20-based token for usability
- Golden Time Networks: Mainnet, its own blockchain, as the main area of Golden Time Platform
- Golden Time DApp Protocol: DApp implementation system to make Golden Time Networks useful

3.3 Key Elements of Golden Time Platform

The key elements, which make up Golden Time Platform Ecosystem, are as follows:

- Power of crypto-currency required to move the platform
- User who makes the platform active
- Mainnet that forms the foundation of the platform
- Node that enables the platform to be created and maintained Applications that allow users to create and trade coin or custom tokens while participating in the Mainnet with the Node
- Exchange that allows these to be linked to online and offline shopping malls, content, consumption, finance, and financial markets

3.4 Mainnet of Golden Time Platform

Golden Time Networks have a blockchain module framework with five main layers, and their core layer and application layer aim to perform various services.

In addition, the structure of main layer can be divided into block-type, algorithm, network, database, user and authority-management services, which can be implemented by blockchain module frameworks, enabling fast and efficient multi-transaction processing, and thus having high availability and low latency.

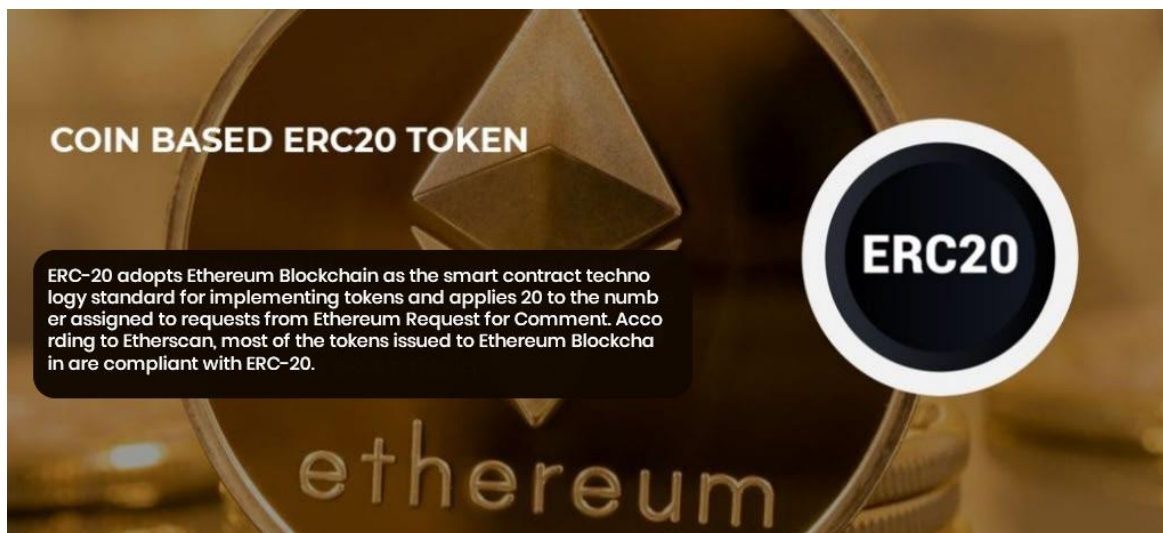
3.5 Golden Time Partnership

We already have partnerships with online shopping mall service providers hoping to apply a crypto-currency-based payment platform.

Online shopping mall service providers expect users to use Golden Time Wallet, which allows them to make instant payments based on crypto-currency.

3.6 Golden Time Technical Standard

Golden Time Wallet users primarily exchange their Golden Time Token (GTT), a token based on the ERC-20 technical standard, for Golden Time Stable Token (GTS), which is the standard for payment. ERC-20 adopts Ethereum Blockchain as the smart contract technology standard for implementing tokens and applies 20 to the number assigned to requests from Ethereum Request for Comment. According to Etherscan, most of the tokens issued to Ethereum Blockchain are compliant with ERC-20.



3.7 App Golden Time App

Golden Time Token is preparing a mobile app that links Golden Time Wallet to the exchange. The Mobile app is a main hub for managing user accounts based on a simple and secure user authentication system, which will allow users to store exchange tokens in real time, check exchange rates and balance, and extend the ability to enter and withdraw tokens.

Specifically, the final model is to implement Golden Time Pay, which is available in on- and off-line shopping malls, content, and offline stores. Golden Time Pay allows users to make instant payments regardless of the type of smartphone, crypto-currency and credit card.

In addition, it enables users automatically exchange money according to the account and amount set by them without having to exchange money in advance, and it can suggest the most beneficial payment method and amount while analyzing the exchange rate and recent trends of the payment currency.

The features that Golden Time App seeks include:

- Linking and managing users' crypto-currency exchange account
- Checking crypto-currency balance, transaction details, real-time exchange rate information
- User security authentication through biometric and certificate registration
- Analyzing and advising users' consumption patterns
- Recommending the most favorable payment currency for users

3.8 Golden Time Exchange

Golden Time Wallet functions as an exchange rather than limit tokens exchanged with GTS token to Golden Time Token, allowing users to selectively use different coins depending on exchange rates.

Golden Time Wallet users can use their own crypto-currency on/offline using the exchange function, regardless of the type of currency. So, we will firstly work with existing crypto-currency exchanges and issuers. And finally, we will own and operate our own exchange.

Golden Time Exchange seeks the following features:

- Providing a base of free exchange with GTS token, an end-use currency
- Real-time currency exchange between crypto-currency and legal currency
- Securing liquidity by holding various coin and token items
- Securing 365 days of real-time service delivery and availability
- Providing a means of certification for users' convenience and safety in using exchange functions

4. Value Realization

Crypto-currency has improved the proof of work (POW) of first-generation transaction verification, tokenization of assets through second-generation smart contracts, third-generation proof of security (POS) and energy needs. And we finally reached the fourth generation, and we needed a business solution to maximize scalability. In line with these needs, a gold-time token has been designed for practical use in the user's consumer life.

Golden Time Token is aimed at scalability, versatility, and inclusiveness to realize their value and to be reborn as a 4th generation oriented crypto-currency. In realizing its value, we have subdivided the steps of realizing value in initial, intermediate and long-term, and we will quantitatively evaluate the needs of users and providers and the performance of the company by conducting Stage Gate Review for each stage.

In addition, it is necessary to continuously secure online / offline providers and users at all stages.

- Operate membership and offer benefits for providers and users
- Exempted from the charge for using Wallet or apply minimum finance charge rate
- Implement other crypto-currency exchange functions in Wallet
- Expand partnership with other crypto-currency exchanges and issuers

4.1 Initial Stage

In order to implement the basic model of Golden Time Token, we will provide Golden Time Wallet and its payment system infrastructure to meet the most basic needs for existing online partners, such as shopping malls and contents, and users of each provider.

The following features are essential to implement in the initial Stage:

- Implementing a Wallet that links GTT and GTS
- Establishing an online shopping mall and content payment infrastructure
- Gathering needs and analyzing for providers and users

4.2 Intermediate Stage

We will begin horizontal expansion of offline wallet and payment system infrastructure for online providers and users. In order to apply Golden Time Token to offline stores, we will assign an offline provider and introduce a crypto-currency kiosk system that allows payment. In addition, we plan to add the Pay function using a smartphone by implementing the Golden Time Token App for users.

When a crypto-currency kiosk is installed in a store, offline providers can introduce a crypto-currency payment system without further learning, and users who have already used Golden Time Wallet online will naturally lead their usability to offline stores.

The essential features that must be implemented in the intermediate stage are:

- Secure offline provider partnerships and introduce kiosks
- Implement Golden Time Token App and Pay function

4.3 Long-Term Stage

Throughout the initial and intermediate stages, users can have a foundation for usability of Golden Time Token in their consumption. In the long-term stage, we will vertically add technology to the Golden Time Token App and establish a Golden Time Token Exchange. Of course, the usability of Golden Time Tokens that have been expanded horizontally in this process must be continuously developed online and offline.

Based on the data collected in the Golden Token App until the intermediate stage and the crypto-currency trend data, we will apply machine learning to implement a function that tells users which type of currencies is worthy of investment at which point.

In addition, Golden Time Exchange is established so that users can use the app to purchase, sell, use, and exchange all related functions.

Functions that must be implemented in the long-term stage include:

- Establishing Golden Time Exchange
- Linking the Golden Time App with Golden Time Exchange
- Implementing the Golden Time App machine learning and consultation function

5. Strategy

5.1 **Asset-Oriented**

Golden Time Networks Platform was initially designed with the intent of mass adoption in mind. Although Golden Time Networks technology is based on the implementation of Smart Contract as a technological solution that enables fast, secure consumption and payment through blockchain technology, Golden Time Networks can gradually expand all of its asset-based uses through independent platforms or platforms within the platform.

Golden Time Network platform with the Golden Time Exchange will create a new financial system by connecting real assets and data assets based on existing institutional accreditation, providing a system that allows all assets to be managed in one place as a unified management platform for tangible and intangible assets that deviate from the level of simple crypto-currency issuance and blockchain service providers.

This Golden Time's attempt will play a major role in bringing the net function of crypto-currency into the general financial market, and provide a new hope for investment victims who have suffered a lot from the crypto-currency speculation frenzy.

5.2 **Universal Coinization**

We have created our own Golden Time Stable Token (GTS) for the liquidity of the Golden Time token value. And for price stabilization, we have our own exchange that will help you exchange a large number of tokens and various custom coins created by Golden Time Networks. The function will be performed on the upcoming Golden Time Exchange.

In addition, the explicit introduction of centralization to support blockchain national currencies and BTC will open up a new prospect in the existing field of financial transaction. This will provide liquidity to the various processes and maintain the intrinsic value of the blockchain through decentralized blockchain outsourcing of payment infrastructure.

Golden Time Tokens will help Golden Time Networks Platform to help existing companies issue tokens and distribute them legally.

In the near future, Crypto-currency and Blockchain will solve all of the traditional trading infrastructures through Golden Time Networks Platform, including the trading between assets, as well as token transactions related to national currencies.

5.3 Payment System Link

Golden Time Networks Platform is divided into an internal payment method (Golden Time Stable Token) to maintain the platform and a payment method (Golden Time Token) that can be used in actual digital currency.

Basic payments are used with Wallet and provide a payment channel for the exchange of various custom coins (e.g. Ethereum Token A, Ethereum Token B) and multiple tokens issued within the Golden Time Networks Platform.

In the future, a system that can be directly exchanged with real currency through a stable token will be provided. Through this, various forms of payment using crypto-currency will be possible in Golden Time Networks.

5.4 Loyalty Program

The reward system with contents has been used in blockchain service for some time, but there is almost no reward system in the blockchain with real economy. It is now possible to implement it systematically and systemically due to technological advances. The Golden Time network platform aims to provide a loyalty program that includes dividends and rewards based on activities.

- Revenue Dividend System based on Investment: Golden Time Token and a number of products and services
- Reward system according to activity: Various reward programs through Dapp

5.5 Security of Working Capital

The results implemented in Golden Time Networks can be defined as a system to exchange interactive data between payment contract makers and users, operating between Smart Contracts on blockchain, of which data can basically be proven to be intangible assets. And since these assets are also highly relevant to digital assets in the form of crypto-currencies, it is essential to have a complete and complete system to protect data. Golden Time Networks is in the process of equipping these systems, which will ensure that critical data in any system is not manipulated. Similarly, we will prevent service issues in advance so that they have the same integrity and security even if real assets are digitalized.

5.6 Reliability and Security

Basically, Golden Time Networks wants to secure the reliability and value of users through its own blockchain Mainnet.

In terms of scalability and availability, the recent blockchain ecosystems are increasingly losing the value and benefits of decentralization. To address this reality, Golden Time Networks is committed to dealing with these distrusts and unguaranteed things by incorporating new perspectives into technology and following an evolving roadmap.

First of all, privacy and security issues may emerge as the most important issues. Golden Time Networks is looking to transform its blockchain ecosystem while retaining the true nature of the blockchain by completely implementing trust and security with new technologies.

In terms of Golden Time Networks' self-sovereign identity system and legal compliance, the blockchain will prove that it is possible to maintain a reliable and secure platform and system.

5.7 Fast Processing

Golden Time Networks implements the technology through a multilayered layer, but it consists of a module framework, making fast and efficient multi-transaction processing possible, with low latency and high availability. In addition, a layered design, called Master node and Light Client, enables the faster processing speed through lightweight client.

5.8 User Identification

In some cases, traditional user identification relies on repetition of the same task, resulting in lower usability and a double waste of unnecessary traffic on the platform. The user identification method of Golden Time Networks is called Self-sovereign identity, and we want to create a unique identification method for Golden Time Networks to enhance their utilization and security. Simple user identification improves usability in using multiple application services or digital services, and also prevents the risk of hacking from centralized data-intensive methods such as Google and Facebook, hence reliable user activity.

5.9 Flexible Contract

Smart Contract allows the payment of services, logistics, etc. between the parties of the contract to be set in detail and recorded on top of the blockchain with agreement between the parties of the contract. And the promised value of this will be attributed to digital assets, and the agreement between stakeholders will enable execution and termination.

While maintaining these basic functions, Smart Contract at Golden Time Networks focuses on addressing the challenges and limitations of traditional complex payment methods.

- Handling high charges from payment transactions
- Handling complicated payment transactions and making them simple
- Securing reliability and seeking convenience
- Suggesting alternative measures for liquid assets of the amount of consumption
- Presenting a new economic trend linking the real economy with the digital economy
- Changing the shape of a flexible contract and providing a positive direction for both investors and businesses
- Suggesting different types of contracts that go beyond national and industrial barriers
- Achieving a truly globalizing economy

6. Membership

For the success of Golden Time Token, it is more important to go in to partnership for securing on- and off-line providers, users and other cryptographic companies rather than to get stuck in technical challenges. Therefore, Golden Time Token gives partners and users the benefits of membership to inspire a sense of belonging to the community with satisfaction on functionality.

Self-covering Identity System

- Ownership and control of personal identity, reputation, data and digital assets
- Securely and selectively disclose of your data to your opponent
- Easily and easily access to digital services
- Offering a security system against hacking risks
- Corporate partners can use a variety of identities services

Community Function

- Providing community activities to help users stay longer
- Providing messenger and chat service for inquiries and discussions related to transactions between users

Invest Portfolio

- Sharing data of liquidation value through Golden Time Networks
- Sharing liquidation value of real economy to be traded
- Sharing information on various investment products through Golden Time Exchange
- Sharing crypto-currency asset value through ERC20-based GTT and stable-type GTS

Compensation System

- Sharing equity dividends through the compensation system provided by Golden Time Networks

Golden Time Networks Platform provides users, such as membership accounts and users, with a safer, easier and more stable lifestyle. This is consistent with the purpose of Golden Time Platform.

6.1 Advantages of Partnership

Basically, corporate partners design Golden Time Ecosystem to access to users more easily, encouraging them to generate greater revenue. In particular, we are planning to offer a total technology solution for partners who are not familiar with cryptocurrency.

The following are some of the advantages that partners can have:

Payment function for partner's encryption money on the Golden Time Exchange

Corporate partners offer firstly tokenized services for Golden Time Apps users and Exchange users

Strategic pricing in Golden Time Ecosystem

6.2 Advantages of Users

Golden Time Token will always provide user-first services. We plan to provide free access to some of our partner's content and continue to offer fees and pricing policies to help you save time and money.

User benefits are as follows:

- Discounts for Golden Time Token's corporate partners
- Analyzing consumption patterns and Consultation
- Favorable fee for using the Golden Time Exchange

7. Sales and Distribution

7.1 Sales

Golden Time Token will sell a total of 10 billion tokens by crowdfunding.

There will be two strategic directions: group-sale (e.g. corporate, institution, organization, council, etc.) and personal-sale.

The information about participating in crowdfunding will be posted on the official Golden Time website or the official public relations channel to start sales.

Step1

- A total of 10 billion tokens (10,000,000,000)
- Target issue size: USD
- Issued amount: USD/ 1 Golden Time

Step2

- When crowdfunding is complete, the token can be transferred

Step3

- Launch Golden Time Networks Mainnet
- Afterwards, a series of swapping and receiving at the specific address of the listed exchange wallet or Golden Time Wallet

Step4

- Secure a network with reliability after launching Mainnet
- Register Golden Time Exchange and conduct Block Sale for price stabilization

7.2 Distribution

More information on token distribution will be posted on the Golden Time official website and the official public relations channel.

Total token: 10 billion (10,000,000,000)

- Token sales & Airdrop: 6 billion (6,000,000) / 60% of total
- Dev.team : 1 billion (1,000,000,000) / 10% of total
- Reserve: 3 billion (3,000,000) / 30% of total

8. Fund Management

The fundraising amount of token sales will be used as follows to ensure a successful project:

- Development 30%
- Operations 20%
- Legal Expenses 20%
- Data Science and Strengthen security 10%
- Marketing and Promotion 15%
- Others 5%

The legal expenses of Golden Time include legal research. Basically, it will include license fees for certifications, approvals, and permits, research expenses to find the actual legal basis, and case studies.

9. Road Map

2018 Q1 & Q2

- Launched Golden Time Project
- Started developing Golden Time Token (GTT)
- Started developing Golden Time S (GTS) (Portal Space App)
- Completed overseas marketing strategic plan
- Related legal consultation

2018 Q3 & Q4

- Established project development strategy
- Developed ERC20-based token
- Developed Golden Time Mainnet
- Developed Golden Time Multi-Wallet

2019 Q1

- Developed Golden Time Token (GTT)
- Completed the development of Golden Time S (GTS)
- Proceeded overseas marketing
- Created Golden Time website
- Created Golden Time White Paper v1.0
- Implemented Token Swap of Wallet
- Implemented shopping mall payment system
- Launched Portal Space App (in March 2019)

2019 Q2

- Started major IEO (5-day interval / 3-5 places, 20.04.19)
- Started Portal Space Testing (in May 2019)
- Started portal space app operation (in June 2019)
- Expanded offline business partners (in June 2019)
- Implemented coin circulation structure (in June 2019)
- Operated coin payment platform (in June 2019)

2019 Q3

- Consultation and listing of medium and large exchanges
- Recruited membership companies of Portal Space and coin trading companies (in July 2019)
- Opened online store (in July 2019)
- Operated real transactions of domestic coin companies (Portal Space app applied, in Aug. 2019)
- Meet-up event for small business partner alliance (in Aug. 2019)
- Updated Multi Wallet Feature (in Sept. 2019)

2019 Q4

- Listed additional exchange (in Oct. 2019)
- Updated platforms by each business (in Nov. 2019)
- Established feasible strategy for exchange business (Portal Space app applied, in Dec. 2019)
- Introduced virtual reality content (in Dec. 2019)
- Developed Kiosk system (in Dec. 2019)
- Developed PAY function (in Dec. 2019)

10. Contact

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