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OBJECTIVES & MISSION STATEMENT

The main objective of SunChain platform and the Sunpay cryptocurrency is to solve the multitude of inherent problems with the expanding online payment industry by creating an incentivized, distributed platform built on the blockchain. Our goal is to make the online payment process easier while simultaneously reducing the risk and costs for users. The Sunpay (SP) is a decentralized cryptocurrency using blockchain technology and is not controlled by any third-party agencies or central authorities. Sunpay can be used in all online booking services including: hotel accommodations, flights, transportation, cinemas, travel tours and additional travel services which can be made from the comfort of your mobile phone.
Radio-frequency identification (RFID) uses electromagnetic fields to automatically identify and track tags attached to objects. The tags contain electronically stored information. Passive tags collect energy from a nearby RFID reader’s interrogating radio waves. Active tags have a local power source (such as a battery) and may operate hundreds of meters from the RFID reader. Unlike a barcode, the tag need not be within the line of sight of the reader, so it may be embedded in the tracked object. RFID is one method for Automatic Identification and Data Capture (AIDC). RFID tags are used in many industries, for example, an RFID tag attached to an automobile during production can be used to track its progress through the assembly line; RFID-tagged pharmaceuticals can be tracked through warehouses; and implanting RFID microchips in livestock and pets allows for positive identification of animals. SunChain will integrate Phone Payment using RFID this makes Your phone acts as a debit card using phone's RFID chip, which most phones have these days. You can use your points to pay for items, which is accepted by most stores which carry RFID.
Blockchain technology is a distributed ledger recording technology; it can record transactions in a secure, transparent, decentralized, efficient, and low-cost way. Blockchain technology originated with Bitcoin as a bottom-level technology, it was originally used to record historical transactions of encrypted digital money such as Bitcoin. As the research on digital money went deeper, the underlying blockchain technology was separated from Bitcoin and further developed as a technology related to existing technologies such as cryptography, network topology, and consensus algorithms. There are several types of blockchains – public blockchain, private blockchain and hybrid blockchain. Each type has its advantages and disadvantages, allowing them to meet needs of various applications. Key advantages Blockchain technology is a disruptive technology with many advantages. First, the decentralized structure, which lacks a centralized database, enables the blockchain to operate with high efficiency and low cost. It is also resistant to outages of a centralized database. Secondly, the technology solves the double-payment problem. The public ledger is shared by users on the Internet. It ensures the security, transparency, and integrity of data, which cannot be tampered with or forged. It helps to protect the security and privacy of user data. Thirdly, because blockchain is programmable, it can increase flexibility and reliability in various applications. Currently, the main drawback of using blockchain technology is the high usage of power and computing resources by the distributed system. Potential applications with these features, blockchain technology may be applied in many areas. Swan presents three categories of potential applications.
The first is currency, including currency transfer, remittance, and E-payment systems. The second is smart contracts in financial markets. The third is other social applications beyond currency and financial markets, such as notary, voting, and healthcare applications, blockchain has also been discussed as the application of blockchain in digital identification, voting systems, and financial applications the potential applications of blockchain technology in the shared economy. The central banks of many countries, including Britain and China, have issued reports or statements to promote the research on blockchain and its applications in financial industry with the blockchain integration. The SunChain platform enables transparency, trust, and accountability.

**SMART CONTRACTS**

Smart contracts are the key element of Ethereum Blockchain. In them any algorithm can be encoded. Smart contracts can carry arbitrary state and can perform any arbitrary computations. They are even able to call other smart contracts. This gives the scripting facilities of Ethereum tremendous flexibility. Smart contracts are run by each node as part of the block creation process. Just like Bitcoin, block creation is the moment where transactions actually take place, in the sense that once a transaction takes place inside a block, global blockchain state is changed. Ordering affects state changes, and just like in Bitcoin, each node is free to choose the order of transactions inside a block. After doing a certain amount of work must be performed.
INTEGRATION OF BIG COMPANIES

We are working to integrate big companies, this will add greater accessibility. Currently it uses standard Ether based coin system and aims at providing greater accessibility to a private network of over 450 million members along with hospitals and hotels. Payment will be made easy with the RFID chip attached to your phone.
ROADMAP

**MEETING**
Meeting international exchange requirement

**BUSINESS**
We are working with major companies

**COIN PAY**
• Wiche coin pay shopping mall linked

**LINKED**
Linked to major card providers
DSC coin cooperation with Australian exchange

State-of-the-art medical facility opens in Liaoning province

SunChain used in major hospitals

Recreations, resorts, hotels opened. 1000 Billing system interworking
DISTRIBUTION OF TOKEN SALES

SALES

- Reserve
- For founders and developers
- Sold to public
- Bounties and commissions
SunChain

SunChain is based on the ETH network. The ETH network provides the ability to create smart contracts which can be executed in an anonymous, and secure manner. Once the contract is written, it is set in stone, which means no hacker can manipulate the system. It is just this kind of safety and flexibility that garnered Ethereum the second largest share in the blockchain market. We believe building SunChain on top of this is the best choice. As users increase in the ETH network, it will be growing our userbase laterally. With more interest, the underlying network can be improved and eventually become mainstream, and the biggest crypto currency in the market.

ACCESSIBILITY

Our services can be accessed via any mobile phone: iOS, Android, or Windows Phone. Our desktop app and browser app can be accessed via any computer. We ensure availability by distributing our content on multiple redundant CDNs.

We believe the only way to add value to SunChain is to make it accessible everywhere. Our expansion projects into hospitality, medical, and other fields attests to our vision.
SCALABILITY

Each layer of our system is built to be horizontally scalable, which means we can simply add more processing power to accommodate more users. Our system is hosted on reliable cloud services, enabling us to scale up and down on demand. To ensure availability, we build multiple redundancies in the system. For example, our database is replicated in all major data centers around the world. A master database handles all writes and replicated them to each slave. Slave databases are in charge of backup, read data, and latency. Sales Reserve For founders and developers Sold to public Bounties and commissions Our backend layer is built stateless. This means at any point in time, the system holds all the variables it needs to operate; it does not need to lookup existing state or know how it got here. This means that at any point, the system can crash and recover to the exact state it was before. It also means that in case of a system crash, another server can instantly take over and complete the job whilst the original server recovers.
SECURITY

Security is a major concern of every internet project involving personal or financial information. All website traffic runs entirely over HTTPS with SSL for secure data transmission. In addition to password and username encryption, 2-step verification will be available on all accounts as a required measure for sensitive operations. More measures such as WAF (web application firewall), SQL injection protection, data offline storage and other methods will be implemented with our team constantly working to make SunChain as secure as possible. Before our system goes online, we have connected with the world’s top black and white hackers to do penetration testing. This means our top minds will try and hack our own system in a controlled testing environment. This way, we can uncover potential vulnerabilities before it reaches the public. Our team are constantly proactively looking for ways to penetrate and patch our system.