Super Game Chain

A Game Chain to Disrupt the Game Ecosystem

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1. Abstract

Super Game Chain ("SGC" or "SGChain") is an organic game ecosystem built on decentralized smart contracts for indie and other developers to get invested, reviewed by gamers and other investors, for gamers to invite, interact, and gift each other, for game influencers to interact with developers and gamers more closely, for investors to invest based on real marketing acceptance, and for advertisers to provide native and natural ads to the right audience.

We believe blockchain will empower us to disrupt the current gaming industry and solve some pain points in today's ecosystem.

Our mission is to harness the blockchain technology and ride this wave to rebuild this organic, healthy, mutually beneficial, co-existential ecosystem. There will be two main products of the SGChain:

-   Our main public chain that's built on the latest and fastest blockchain algorithm.
-   The disruptive SGChain Ecosystem.

For developers, SGC can help them raise fund, fix the prevailing issues in the current gaming industry such as fraudulent ads clicks and fraudulent payment, as well as inconvenient, inconsistent, expensive payment systems. SGC will also provide a complete economy system that ensures better income for developers. SGChain will provide the ICO smart contract to global game developers to facilitate the trading of the ingame currency with the SGC currency, and make the currencies of different games interchangeable via the common SGC coin.

For gamers, this will be a fun, fair, private, safe, and profitable or powerful game world.

 For advertisers, this will put you in front of your curated target audience in a most native and direct way.

Investors can also benefit from the ecosystem in that the early stage user participation of a game project will provide insights on future game projections, and

hence help them make more accurate and risk-less investment, as well as helping them getting returns in a much shorter term than traditional investment.

The cross-platform SGC will be launched in the global market to support multiple languages. The ingame premium currencies of all games on the SGC ecosystem can be purchased with SGC. And thus be interchangeable with the currencies of other games seamlessly and smoothly.

In the meantime, SGC support will also serve as an open world sandbox game. It can also support different genres of games, such as casino games, casual games, MMORPG, etc.

Any investment from American, Chinese, or Singapore individuals will not be accepted.

2.Background

2.1 Global Gaming Market Size

In 2016, there were more than 200 million global users on Steam platform and their revenue already hit 3.5 billion US dollars annually. Now we have around almost seven billion in global population, which means there are still hundreds of millions people out there due to different payment system or still under internet infrastructure development. We wanted to connect all the players and developers around the world through SGChain.

The recent report shows that the total revenue of global gaming software and hardware will exceed 150 billion US dollars in 2017, and the entire game trend is shifting toward the mobile market. Not only that, AR, VR and MR games are also fast-growth markets,

2.2 Current Game Industry Ecosystems and Problems

It's a difficult and lengthy battle for developers to fight uphill to just bring their games in front of their target gamers.
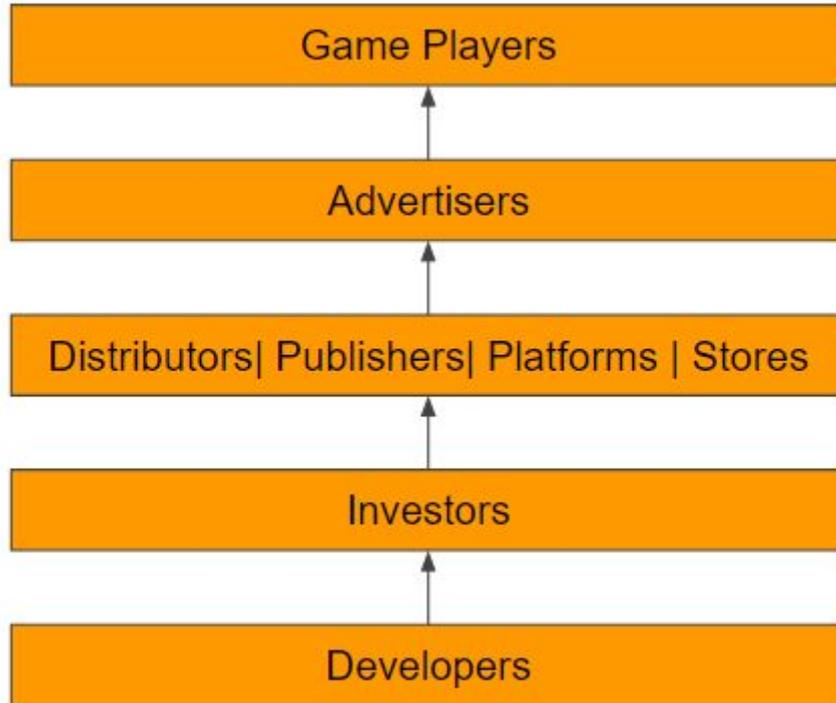
We can see many problems in this competitive gaming market:
- Monopoly is dominating the gaming industry. Take a look at a snapshot of one day's revenue on Appstore:

App Revenue from Action Games
From in-app purchases on 10/17/2016 on iOS & Android U.S. smartphones

Top	$2,188,000 (Clash of Clans)
Average	$8,400
80th Percentile	$3,100
50th Percentile (Median)	$150
20th Percentile	$0

source:https://medium.com/@sm_app_intel/a-bunch-of-average-app-revenue-data-and-why-you-should-ignore-it-2bea283d37fc

- It's getting more and more difficult to raise fund.
- Fraud in advertisement makes the cost of user acquisition higher and higher.
- Developers revenue is seriouly affected by the fake payment.
- Payment difficulties cause the game limitation for users, also affect the game flow and developer revenue.
- There are so many creative indie-games out there. However, they cannot survive in such a competitive environment.
- Many companies are forced to shut down the business because of these challenges. Especially small and midsize and indie game developers.

2.2 Opportunities

Blockchain -- The SGChain team thinks that blockchain technology is a great fit for the current market trends, and it can solve some of the biggest problems in the industry. SGChain will create a safe decentralized profile for each user to protect their privacy, and connect all the users around the world with a global payment and

reward system. We will work with top blockchain development team Qtum and top payment solution team Lightning Network to minimize potential network congestion problems.

AI -- The platform will also use AI to connect players and games more efficiently and reduce developers' advertising cost, thus it can maximize the benefits for both users and developers.

Globalization- One of the biggest trend in gaming, it's evident in hit games such as PlayerUnknown's Battlegrounds, Strike of Kings, and card games like Texas Hold'em Poker. We found players from around the world are increasingly interacting and communicating through games.

Cross Platform - Unity, Unreal engine are versatile, powerful software engines optimal to develop a cross-platform game.

Social Needs - Players have increasing need for social interactions online and offline.

Open Source -- Everyone can build the same structure on the SGChain platform.

3. SGChain Advantages

3.1 About SGChain

SGChain is based on a distributed, smart-contract approach to building a platform for gamers and game developers. The data on the blockchain requires network consensus and cannot be tampered with. As a public chain, any 3rd party developer can publish their game on the SGChain, and accept the approval mechanism of

SGChain Developer Alliance, which is based on consensus mechanism, to ensure the healthy development of the entire game platform.

3.2 Open Source Code

SGChain will open all the source code on the platform, making all core data open and transparent. Compared to traditional server-end data handling, we expect for the SGChain Developer Alliance to review game codes to ensure the games are fair, just and open.

3.3 Security & Stability

- **Private key security**

Super Game Chain's wallet consists of two parts. When the payment is worth less than US $200, the user's digital currency is saved in the Super Game Chain hot wallet; otherwise the cold wallet password mechanism will be activated and will require additional user authorization.
The private key will allow digital transactions across the platform, Super Game Chain Wallet will provide multi-level security mechanisms to protect users' assets.

- **Terminal security**

SGChain uses the HTTPS protocol, the Secure Hypertext Transfer Protocol, to encrypt and transmit information using secure channels. It has the functions of authentication, information encryption, and integrity verification to reduce the risk of eavesdropping, tampering, and hijacking.

- **All-star Team**

The SGChain development and operations team consists of top game platform experts, blockchain experts, AI experts, and security experts. The team's experience comes from a rich and diverse background of top technology and entertainment companies from around the world which include Tencent, EA, Facebook, Activision, GameLoft, Ubisoft, Sega, Disney Interactive, Netflix, and many more. We have successfully operated a variety of billions-user-level games and have rich experience in platform operations to ensure the safety, security, and stable operation of the platform.

3.4 Cross-platform, Multi-Lingual Support

SGChain will support platforms, such as the web, mobile, PC, VR, and AR. It will initially be launched in English, followed by Chinese, Arabic, Spanish, French, Russian, Korean, Japanese and other popular languages for global players to join.

3.5 Multi-cryptocurrency Support

SGChain will use SGC as the base currency. The platform will first support SGC Token after Initial Coin Offering. It will add support for other popular cryptocurrencies, such as ETH, BTC, BCH, LTC, ETC, EOS, and XRP. Users can exchange for SGC in SGChain Wallet.

As a global platform, SGChain does not support exchange between cryptocurrencies and fiat money of different countries due to various regulations.

3.6 Profit Model

SGChain will enable developers to showcase their game projects in conception stage and facilitate reviewing and investing by targeted gamers.

It will provide decentralized, protected real identity profile for each user. This identity is vigorously guarded, only individuals or entities with the proper clearance can view the relevant information. Users need to pay a fee to maintain their profile.

SGChain will create player profile for each user. There will be an avatar representation for each player, including personalized look and customizable outfits. Players can send gifts or trade with each other. Players can also organize their own events, and only players who satisfies all the preset requirements can join. This part of the platform will be open.

SGChain will enable mining mechanism after users purchased tokens to play the games and exchange in the games. A small tax will be charged for each transaction in order to support the continuing development, maintenance and operation.

SGChain platform will introduce the hot Room Card model and sell room cards. Players will be able to open their private virtual rooms with tokens, and organize their games. SGC Room Hosts may receive token rewards from the platform.

3.7 Affiliate rewards

SGChain platform will reward users and developers with tokens for their contribution. Here are the definition of contributors, and their possible rewards:

- Highly active users will earn 10% return on tokens spent.
- Referrer & Room Host: When a user becomes a highly active user, his or her referrer will be rewarded with tokens.
- Developers who releases high quality games on the platform will be rewarded with tokens.
- Users who help the developer with game ICO will be rewarded with tokens.
- Candy reward: platform will routinely distribute candy to users and developers to show appreciation for their support.

3.8 Official Site and Games

SGChain Official Site: http://.sgchain.io launched on 1/10/2018.

SGChain Facebook Fan Page, Telegram, Twitter, Reddit page are scheduled to launch on 1/12/2018.

First SGC based game demo Black Jack will launch on 1/25/2018.

Core games such as Galaxy Factions, Monster Metropolis, Clash of Magic will launch on the SGC platform by 2018 Q2. Super Survivor is scheduled to launch by 2018 Q3.

Super Suvivor is coming in 2018 Q3. It is inspired by the hit game PlayerUnknown's Battlegrounds.

Award-Winning Clash of Magic is a real-time PVP strategy game.

Galaxy Factions is a tower defense game.

Monster Metropolis is a city building game with turn-based RPG elements.

4. SGChain Developer Platform

SGChain Open Platform is an integral part of the platform and will provide access to the following features:

- Game Login and Authentication
- Decentralized user data encryption and storage
- Layered access for user data
- User avatar, name, level, tags, friend list, game interests, achievements
- SGC wallet, payment and trade system
- Content streams and interactions
- Social interactions
- Gifting
- Notification
- Chat
- Groups

4.1 SGC-based game development and access

The developers can publish games on the SGChain platform through the SGChain API specifications,

and the SGChain API outputs the data capabilities of the smart contracts to the hosting game to provide game developers around the world with globally distributed games.

The game developers focus on the SGChain platform according to the SGChain API requirements and specifications, and the SGChain API outputs the data capabilities of the smart contracts to the hosting game to provide game developers around the world with globally distributed games.

4.2 Introduction of Other Tokens

SGChain will establish a mechanism for introducing other tokens to the platform. Users may request to introduce tokens which are in public circulation onto the platform, SGChain will evaluate the token based on platform's assessment, user assessment, and user polls. The security of the users' token assets will be the first and foremost precondition for the introduction of any new token.

5. Development Roadmap/Milestones

Feburary 28, 2018	Complete Platform Strategy Design Documents - Techincal Design Docs - Platform Design Docs - Blockchain Design Docs - Economy Design Docs Complete Prototype development of game basic system
May 28, 2018	SGChain Platform development in progress SGChain Blockchain development in Progress Marketplace development in Progress Get Test Demo Access to potential developers and players
June 28, 2018	SGChain Blockchain development completed
July 2, 2018	SGChain Platform completion BD/Marketing/PR Push and Focus

August 1, 2018	Release 5 Simple Casino Style Games - Poker - BlackJack - Roulette - Craps - Slots Continue with PR and Marketing Push Content Developer Relations and Publishing push
September 3, 2018	Content Update Sponsorship Placement Billboards system
October 1, 2018	Wave 1 release new games Test Mobile Platform Halloween Content Update
November 1, 2018	11/11 Content Update Rollout of Avatar Room/Residence system
December 3, 2018	Wave 2 release new games Content Update for Holidays Introduce Acceptance of new Cryptocurrencies
January 1, 2019	Mobile Platform release
Feb 1, 2019	Valentine's Day Update Lunar New Years Update Rollout of Venues Feature
March 1, 2019	Wave 3 release new games Rollout Guild/Alliance System
April 1, 2019	Content Update Rollout Content Discovery AI System
May 1, 2019	Wave 4 release new games Esport Competition Feature
June 3, 2019	Content Update
July 1, 2019	Content Update Guild/Alliance Competition Feature
August 1, 2019	Wave 5 release new games Entourage Feature Update Content Update
September 2, 2019	Content Update Horse Racing/Raising Feature
October 1, 2019	Halloween Content Update Rollout VIP system

November 1, 2019	11/11 Content Update Content Update
December 2, 2019	Wave 6 release new games Holiday Content Update
January 1, 2019	New Year Content Update
February 3, 2020	Lunar New Years Update Car Racing/Collecting Feature
March 2, 2020	Content Update
April 1, 2020	Wave 7 release new games Platform wide competition
May 1, 2020	Content Update Cryptobetting Feature

6. Technical Solution

6.1 System Framework
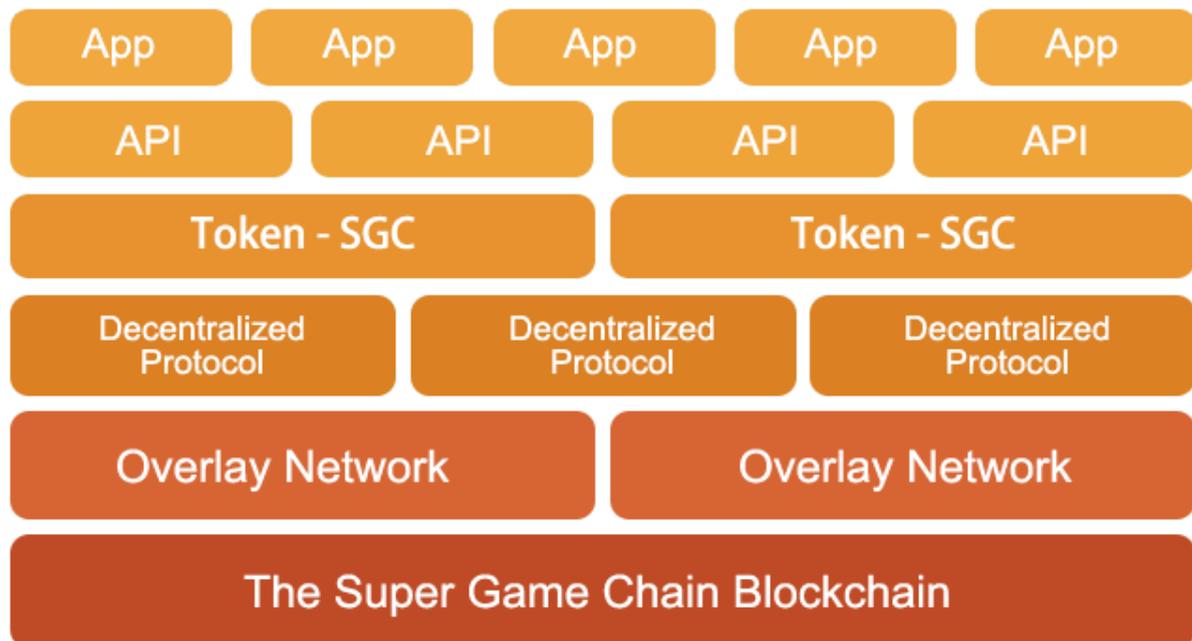
SGChain aims to provide users with a visual, smart contract based, multi-platform gaming platform.

We implemented a light-client SGC wallet and gaming platform at the application level, where the gaming platform includes various games based on SGC tokens.

Following up, we will gradually open platform proprietary SDK provided to the majority of developers, allowing game developers to quickly develop SGC-based DAPP and blockchain games based on SGChain's platform services and SDK support and quickly publish on our platform and distribution.

SGChain provides a series of middleware for each game, including middleware such as support for user wallet, call to smart contract, such as keyethereum / ethereumjs-tx / ethereum-abi.

The backend implements some centralized services to provide for front-end calls. In this way, the combination of centralization and decentralization provides users with a more efficient and smoother experience on the premise of ensuring data fairness and safety.

Security: The core of the game data and logic are on the Ethereum blockchain management by a smart contract to ensure the openness of the game, will not be tampered with. At the same time, when users utilize the wallet function of SGChain to play the game, the private key of all user Ethereum accounts will be stored in the user's local terminal, and will never be transmitted over the network, nor will it be stored in the centralized server, ensuring the user's account privacy and security.

6.2 Smart contract architecture

Compared to ETH smart contracts, SGChain takes the economic stability, inflation and deflation within the games into consideration. A new version of the smart contract can be implemented for an existing game if majority of players voted for the changes through the consensus mechanism.

SGChain will support two scripting languages: Lua and Wren.

Lua is a Turing-complete programming language with compilers and bytecode virtual machines designed and optimized for blockchain. SGChain uses Lua as its preferred language for smart contract programming on the SGChain blockchain, which supports

static compilation into bytecodes and on-demand execution in blockchain networks.

Wren (http://wren.io) is a small, fast, category-based programming language. Wren's developers describe it as "akin to putting a small tak file into a lua-sized package, plus a bit of Erlang's features, into a familiar, modern grammar." The Wren language and virtual machine were chosen because of its short, easy-to-use documentation and accessible code base. It also has very good performance and can be easily embedded iton C ++ applications.

Web Components (WASM)

WASM is an emerging web standard for building high-performance web applications that can be well-defined and sandboxed with a small amount of fit. The benefits of WASM are widely supported by the industry, so smart contracts such as C or C ++ can be developed and developed in familiar languages.

Separation of authentication and application

To maximize parallelism while minimizing the computational task of regenerating the application state from the program log, the SGC OS divides the validation logic into three parts:

Confirm the consistency of the message
Confirm that all preconditions are valid;
Modify the application status.

The internal consistency of the validation message is read-only and does not require access to the blockchain state, which means that it can be executed with maximum parallelism. Validating preconditions (such as demand balancing) is also read-only, so you can also benefit from parallelism. Only write-access is needed to make changes to the application state and each application needs to be processed in order.

Authentication is a read-only process that validates whether or not a message can be applied, and the application is actually executing it. Real-time calculations need to be performed, but once the transaction is included in the blockchain, no more authentication is required.

Virtual machine independent architecture

This is the purpose of the SGC operating system software to support a wide range of virtual machines while continuing to add new virtual machines as needed over time.

6.3 Consensus mechanism

Because of the distributed nature, blockchain needs a consensus mechanism to function properly. The widely used consensus algorithms include: Proof of Work (PoW), Proof of Stake (PoS), Practical Byzantine Fault Tolerance (PBFT), Delegated Proof of Interest (DPoS: Delegated Proof of Stake).

SGChain will adopt DPOS. DPOS can allocate equity after production without extra computing power. It can also dynamically determine the execution result of the smart contract by the agent or all the nodes according to the transaction status of the network.

SGC, as a public chain, forms a community consensus that cannot be done without the economic means - token support. Token-holding not only gets the contract release, network bifurcation and other blockchain-based services, but also participate in voting, as a proxy node to provide services token reward. SGChain named this token SGC and each SGC holder calls it a stakeholder, allocating the corresponding voting weight based on the SGC's holdings. The proxy node is voted by the rights holder. The top 20 proxies with the highest number of tickets take turns verifying the transactions in turn, all in the order determined by all proxy nodes and guaranteed not to be tampered with. Acting can work for the benefits of normal work; on the contrary, abnormal work or not, will be

punished.

6.4 Functional structure

Backbone SGChain

Backbone SGCs based on the latest blockchain research will address some of Ethereum's existing technical issues for faster transactions. (Gosig: Scalable Byzantine Consensus on Adversarial Wide Area Network for Blockchains) Digital wallet and its use.

Each user on the SGC platform will have an e-wallet to store their SGC coins. Users can use currency to invest in games they like, upgrade their avatar, interact with friends such as Avatar gifts. Can also be used to support their favorite new game development, buy in the game, upgrade equipment and so on.

SGC Developer Alliance

SGC-based developers can announce game builds on the SGC platform, launch ICOs, get early game development funding, and enable users to participate in game development decisions early, with user-supported developers developing and distributing themselves. The SDChain platform is dedicated to providing a publishing environment that allows every developer to survive, grow and succeed.

Platform SDK

Third-party games released on the platform can access the platform SDK, get the user's player information, friends list, and can call the SDK to achieve the user information flow content release, instant notification, and view the user's game achievements praise and so on.

Other content providers

Since the SGC platform will be developed based on Unity, the SGC platform will actively introduce and share revenue with third-party 3D models such as characters, costumes, animations, scenes and more.

7. Team

SGChain development and operations team, with many years of professional experience, including:

Management Team
Toni Xu
CEO
Toni graduated from Carnegie Mellon University with a master's degree and a Distinct Graduate Award. She developed and published many apps and games tops the leaderboards with tens of millions of users. She copublished Facebook Game of the Year: Wartune, which led 4 publishers to go public. To give everyone an identity and feel of belonging in the digital world that's connected to the physical world is her dream, and she's embracing any new technology to pursue this vision.
Britt Morris
CTO

Britt has been pushing the boundaries of video game technology for over twenty years. Driving technology organizations for industry leaders such as SEGA, DreamWorks Animation, and Disney. Mr. Morris is an expert in game live operations, platform, user retention, and fraud prevention.

Vincent Nguyen
COO

Formerly a Senior Producer at Tencent and Senior Game Designer at Gameloft, Vince is currently the Founder and CEO of Faceroll Games Limited, a game development studio based in Shanghai, China. Vince lead the team in developing Activision's most profitable mobile game, Call of Duty: Heroes to $100MM+ lifetime revenue, 50MM downloads, and 4.5 rating over 2MM reviews.

Chuck Lam
Chief Platform Architect

Chuck Lam is an entrepreneur and operating executive in Silicon Valley for 20+ years. He founded RollCall, an mobile service for organizing social gatherings, and sold it to StubHub (eBay). He has raised funding from CRV, Kapor Capital, SV Angel, AngelPad, and other investors. Before that he joined RockYou, a Sequoia-funded company, as employee #20 and led the growth of the engineering team to 100+ employees.

Kay Neuenhofen
Blockchain
Developer

Kay has proven, rock-solid experience in system and application development, product deployment and performance tuning. While at Sun Microsystems, he contributed to the implementation of the Java Virtual Machine, which runs on billions of devices world wide. He then lead the development of the Netflix app for the iPad, which was demoed by Steve Jobs at WWDC, and installed on millions of devices. Most recently, Kay led the development of several PlayStation apps for Major League Baseball.

Bill Conners

VP of Marketing

Mr. Connors has been long engaged in the field of consumer marketing strategy, strategic partnership, and product brand strategy and other senior management. As MasterCard's VP Marketing VP, he designed the famous MasterCard "Priceless" campaign that dominated the textbook history of advertising.

JC
AI Data Analysis Expert

Stanford University Master of Science and Engineering, majoring in entrepreneurship management. Strengths are in utilizing data analysis to guide management strategy. Current research priorities are AI and machine learning.

Ramzi Ammari
Cryptocurrency Expert

Mr Ammari has a deep understanding of computer system hardware and software systems. The software developed under his leadership is heavily used on Wall Street

Nasdaq. At present, he is Samsung's Silicon Valley branch chief engineer, responsible for the development of secret projects.

Jay Tang
Art Director and Operations

Jay Tang has over 10 years of experience in game and social platform. He co-founded Narvalous and helped many Chinese games, such as Wartune, to dramatically increase their revenue in Western market. Before Narvalous, Mr. Tang was art director at Playdom and Disney Interactive.

Zhang Rui

Marketing Specialist

Nanjing University MBA. Senior game analyst. Previously, a deputy general manager of Tiandizhihe Images .

Paul Philleo
PR / Event Expert

Former Nexon USA PR and Marketing Manager and well-known Bay Area game industry and technology-focused content writer/editor and conference organizer.

Arthur Datangel
Business Development / PR

Former Tencent business development director, with over 20 years of video games and mobile industry experience. In addition, he's worked with Tencent, Samsung, Sega, Sony, Nokia and Playmates Toy and participated in the distribution of over 100 products.

Fan Zhang

Invester

Mr. Zhang was named "The Venture Capitalist of the Year 2007" by China Business News, and voted as one of "Top Venture Capitalists in China" by Global Entrepreneurs and ChinaVenture. In 2006 and 2007 Fan was selected as one of winners of the "Midas List - Top Venture Capitalists in China" by Forbes magazine.

Hongcai Guo

Bitangel

A.k.a. "Bao Er Ye". Founding partner of Bitangel, focused on angel investment in cryptocurrencies and the blockchain industry. His portfolio spans over 500 startups and is still growing.

Mr. Guo has been deeply involved across the full spectrum of the cryptocurrency ecosystem. Thus, he has become renowned as the "the Bitcoin pioneer and messiah".

BitAngels

Andy Tian

Asian Innovation Group

Successful serial entrepreneur (AIG, his fourth startup). Previously general manager of Zynga China and while at Google, introduced Android to China. MIT BS & MA degrees in computer science.
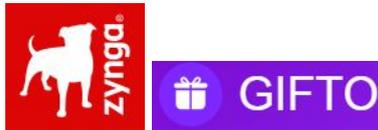
Yu Kai

Horizon Robot Company

CEO

Yu was the former vice president of Baidu Research Institute, director of the Deep Learning Laboratory. As a "Thousand Talent Plan" national expert, Kai was the first to promote the research and innovation of big data AI in China.

Andy Tian

Asia Innovations Group

CEO

Successful serial entrepreneur (AIG, his fourth startup). Previously general manager of Zynga China and while at Google, introduced Android to China. MIT BS & MA degrees in computer science.

Mark Hale

Cryptocurrency expert

Dr. Mark Hale invests in, owns, and sells a number of companies in cryptocurrencies, payment systems and the mobile industry.

Masaru Ohnogi

Blockchain, VR/AR VC

Gumi's Head of Global Business Development. Established a $50 million virtual reality fund. The fund is currently incubating VR companies in Tokyo, Seoul and Northern Europe.

Jeongwoo Ko

Web Security, Search, Artificial Intelligence, Machine Learning Expert

Dr. Ko holds Master's and Ph.D. degrees in Computer Science from Carnegie Mellon University. Currently a Google machine learning expert. Her research interests include machine learning, cybersecurity, information retrieval, and machine language processing. Prior to joining Google, she was responsible for cybersecurity and search at Oracle Corp and LG Corp.

Google ORACLE® Carnegie Mellon University LG

Wu Ping

Venture capitalist and experienced executive

武岳峰资本
SUMMITVIEW CAPITAL

Dr. Wu Ping is the co-founder of Summitview Capital Venture Capital Funds.

Dr. Wu was the co-founder, president, CEO, and the chairman of Spread rum

Communications Inc, a Nasdaq listed leading fabless semiconductor provider in China

with advanced technology in 2G, 3G, and 4G standards.

Dilpreet Singh
Payment system technologist

Henry Lin
Game Marketing Specialist

facebook **T2**

Over 10 years of experience and building strong relationships in the gaming industry,

focusing on marketing and operations in the gaming market.

Jeff Kao

Advertising expert

Jeff has focused on Alibaba's e-commerce platform for many years as global marketing strategic partner. He is also an experienced Facebook PMD (Preferential Marketing Clerk) and Advertising Reseller.

8. SGC Token Release Plan

8.1 Purpose

The SGChain team has been able to continue investing in the SGChain platform for R & D, global operations, team building, marketing, etc. in accordance with the planned scale, through the first generation of tokens to raise the required Ethernet and quantum chains for the project's ongoing development and global operations.

8.2 SGChain Token Benefits

1. VOTING PRIVILEGES

Each user with SGChain Token can participate in the voting of future games that can be launched to the SGChain platform via the Proof-of-stake (PoS) concept.

Token holders make a corresponding percentage of their votes based on the amount of token they own. Voting can be done via the SGChain wallet.

2. PLATFORM COMMERCE

SGChain Token can be used as the currency of the game on all SGChain platforms.

3. GAME ICO

The SGChain Platform will introduce a large number of game developers to help developers achieve game publication, distribution, in the game development, testing, and online functionality at different stages to support developers to complete the game.

8.3 SGChain Token Release Plan

Plans are to issue 20 billion SGChain Token in line with the ERC20 standard, then switch to SGChain after SGC main chain on the line, of which 30% or 60 billion tokens for this private placement and public offering, the total raise the target is:

Soft top: 20,000 ETH

Hard top: 60,000 ETH

SGChain ICO cost price:
1 ETH = 75000 SGChain Token. In addition we will provide some early get reward.

After the successful issuance, the SGChain Token will be on the international mainstream exchange in the near future.

Token Distribution

- 30% Users, Games and Apps
- 20% Ecosystem Building
- 30% ICO
- 20% Developing Team

8.4.2 Fund Distribution

- IDC & Security：10%

    SGChain will provide the best gaming experience to global players. Since the digital wallets is a major component of the platform, security will be our number one priority that needs to be guaranteed;

- Platform Development：40%

    SGChain team will continuously improve the speed and reliability of the SGC coin chain, it will also improve the performance, security, reliability, and fun features of the platform；

- Global operation：20%

    SGChain team will relentlessly expand to the global market, and evolve into a organic, healthy, self-sustaining ecosystem, that allows every player, every developer, and every partner on the platform to thrive on this platform；

- PR & Marketing：25%

  SGChain will brand itself to be the home of all gamers, game developers, and game content providers；

- Legal and Administrative Cost：5%

  SGChain will allocate dedicated budget on legal, finance and taxation, accouting and auditing, etc. SGC is determined to comply to all relevant laws and regulations.

8.5 Operational Stages

The SGChain platform will follow three stages of development planning:
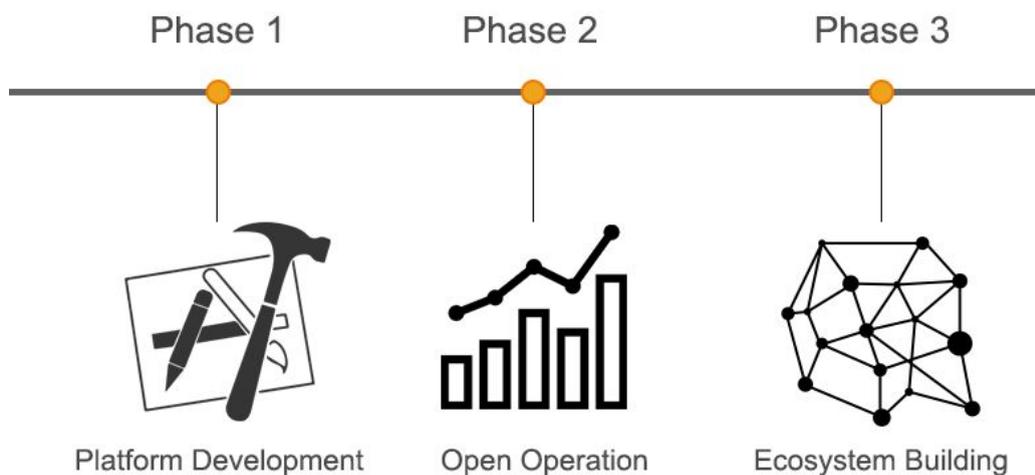
Phase 1:
PLATFORM DEVELOPMENT STAGE

The SGC development team will be responsible for the development of the SGC Token and SGC platforms.

SGC Token: SGC Token will initially be built on Ethereum. This will help the platform expedite its time-to-market. The team will then build a new optimized and efficient SGC blockchain based on the team's own research results.

SGC Platform: Achieve the MVP of the SGC platform and publish 1st party games and select 3rd party games.

Phase 2:
OPEN OPERATIONS
The 2nd phase will focus on the operations of the platform. This will include working with 3rd party developers to help them integrate SGC SDKs and APIs, user acquisition and onboarding, and live operations.

Phase 3:
ECOSYSTEM DEVELOPMENT PHASE

With the rapid development of blockchain technology, SGChain platform will be completely decentralized, and start the self-governing.

9. Disclaimer and Risk Statement

9.1 Disclaimer

Unless it is expressly stated in this white paper, SGChain does not make any representations or warranties (especially with regard to its Marketability and particular functionality) with respect to SGChain or SGChain Token. Participating in SGChain Token's public sale plan and buying SGChain Token shall be based on their own knowledge on SGChain and SGChain Token as well as the information in this

whitebook. Without prejudice to the generality of the foregoing, all Participants will accept SGChain Token as-is after the launch of the SGChain Project, regardless of their technical specifications, parameters, performance or features.

SGChain platform hereby expressly refuse to recognize or assume the following responsibilities:

Anyone who violates the anti-money laundering, anti-terrorist financing or other regulatory requirements in any country while buying SGChain Token;

Anyone who violates the representations, warranties, obligations, undertakings or other requirements of this White Paper while purchasing SGChain Token, and the result in payment failure or withdrawal failure of SGChain Token;

The SGChain Token public sale program is abandoned for any reason;

Development of SGChain failed, was delayed or postponed, and as a result, the delivery of SGChain Token was delayed or canceled;

Platform failures caused by technical issues such as loopholes, errors, flaws, crashes, rollbacks, or hard forks in Ethereum or related blockchain source code;

The use of funds raised from public sale;

Any participant divulges, loses or destroys the cryptocurrency or token private key;

The breach of contract, violation, infringement, crashing, service termination or suspension, fraud, misoperation, misconduct,mistake, negligence, bankruptcy, liquidation, dissolution of third party trading platforms.

Anyone trading or speculating on SGChain Token;

SGChain Token being listed or delisted on any exchange;

SGChain Token is classified, or deemed to be, a currency, security, commercial paper, negotiable instrument, investment or other things by any government, authority or public body, that it becomes subject to regulation or legal restriction;

Any risk factors disclosed in this white paper, as well as any damages, losses, claims, liabilities, penalties, costs or other adverse effects that result from or in connection with these risk factors.

9.2 Risk statement

The SGChain development and operations team believes there are many risks in the development, maintenance and operation of SGChain,some of which go beyond the control of the SGChain development and operations team. Every prospective SGChain Token buyer should read, understand and carefully consider the following risks before participating in the public Sale Program.

Every SGChain Token buyer should be aware to the fact that while SGChain development and operations principals are set up in the Cayman Islands, SGChain and SGChain Token only exist within the cyberspace and do not have any physical form, therefore they do not belong to or involve any particular country.

Participation in this public sale plan should be a well conceived decision, will be deemed that the buyer has fully acknowledged and agreed to accept the following risks:

1) Termination of public sale program
The SGChain Token public sale plan may be terminated early, the buyer may only receive a portion of the bitcoin or ether back due to the price fluctuation of those currencies, and the cost to the SGChain team.

2) Insufficient disclosure
As of the date of this white paper release, SGChain is still under development, and its philosophy, consensus mechanisms, algorithms, codes, and other technical details and parameters may be updated and changed frequently. SGChain development and operations team is not capable, and not obligated to keep the

participants informed of every detail of the development , including its progress and expected milestones, whether postponed or not). So it does not necessarily give buyers timely and full access to the development progress. Insufficient disclosure is inevitable and reasonable.

3) Regulations

Cryptocurrencies and tokens are being or may be regulated by the authorities in different countries. From time to time, SGChain development and operations team may receive inquiries, notices, warnings, or orders from one or more authorities and may even be ordered to suspend or terminate this public sale, SGChain Development or SGChain Token. SGChain's development, marketing, promotion, or this public sale plan may be seriously affected, or be terminated as a result. The regulatory policy may change from time to time, the existing regulatory clearance or tolerance for SGChain or this public sale plan in any country may be temporary.

In various countries, SGChain Token may be defined as a virtual commodity, digital asset or even securities or currency at any time, so SGChain Token may be barred from trading or holding in some countries as required by local regulatory requirements. In various countries, SGChain Token may be defined as a virtual goods, digital asset or even securities or currency at any time, so SGChain Token may be barred from trading or holding in some countries as required by local regulatory requirements.

4) Cryptography

Cryptography is ever evolving, it cannot guarantee absolute security at all time. Advances in cryptography (such as password cracking) or technological advances (such as the advancement of quantum computers) can put cryptography-based systems, including SGChain, at risk. This may cause SGChain Token to be stolen, destroyed or devalued. To the reasonable extent, SGChain development and operations team will be prepared to take preventive or remedial measures to upgrade SGChain's underlying protocols to cope with any progress in cryptography.

The future of cryptography and security innovation is unpredictable, SGChain development and operations team will try its best to face the ever-changing field of cryptography and security.

5) Development failure or give up

SGChain is still in the development stage, it is not a finished product. Due to the technical complexity of SGChain systems, SGChain development and operations team may face unpredictable difficulties. Therefore, the development of SGChain may fail (for example, due to lack of funding), which may cause SGChain team fail to deliver the tokens to any buyer in this public sale.

6) Theft

There may be attempts to steal funds received from the public sale. Such theft or theft attempts may affect the SGChain development and operations team's ability to fund SGChain development.Although the SGChain development and operations team will adopt state-of-the-art technology to secure crowdfunding funds, some cyber-theft is still hard to stop.

7) Source code flaws

No one can guarantee SGChain's source code completely flawless. Code may have certain flaws, mistakes, errors, or bugs, which may prevent users from using certain features, expose user information, or cause other problems. Such bug will undermine the availability, stability or security of SGChain, and adversely affect the value of SGChain Token.

8) Security weakness

SGChain blockchain rests on open-source software and is an permissionless distributed ledger. Regardless of the SGChain Development and Operations team's efforts to keep the SGChain system secure, anyone may intentionally or unintentionally introduce weaknesses or bugs into the core infrastructural elements of SGChain that the security measures adopted by the SGChain

Development and Operations team will be unable to prevent or remedy. This may consequently result in the loss of SGChain Token or other digital tokens held by the purchaser.

9) Distributed Denial of Service (DDoS) attack

The Ethereum is designed to be public and unpermissioned. Therefore Ethereum may suffer distributed denial-of-service cyber-attacks from time to time. Such attacks will adversely affect, stall, or paralyze the SGChain system. As a result, the affected transactions may be delayed in recording or being added to the blocks of the Ethereum blockchain, or they may not be performed at all temporarily.

10) Insufficient Processing Power

The rapid growth of the SGChain will be accompanied by a surge of transactions and demand for processing power. If the demand for processing power exceeds what the nodes of the Ethereum blockchain network can provide, the SGChain network may destabilize or stall, which may result in fraudulent or erroneous transactions such as "double-spending". In the worst-case scenario, the SGChain Token held by any purchasers may be lost, rolled back with the Ethereum blockchain, or even hard forked. The aftermath of these events will undermine the usability, stability, and security of the SGChain and the value of the SGChain Token.

11) Unauthorized Claim of Purchased SGChain Tokens

Anyone who gains access to the registered email or account of a SGChain Token purchaser by deciphering or cracking the purchaser's password will be able to obtain all of the purchaser's SGChain Tokens. Consequently, the purchased SGChain Tokens may be incorrectly sent to anyone who has access to the purchaser's registered email or account and is irrevocable. Each SGChain Token purchaser shall take the appropriate precautions to maintain the security of their registered email or account, such as: (i) use highly secure passwords; (ii) refrain from opening or responding to scam emails; and (iii) keep confidential and personal information strictly confidential.

12) SGChain Token Wallet Private Key

The loss or destruction of the private key necessary to obtain the SGChain Token is irreversible. SGChain Token can only be accessed through a local or online SGChain Token wallet with a unique set of public key and private key. Each buyer should store his or her SGChain Token wallet private key with great care. The SGChain Development and Operations team or anyone else will not be able to help recover the lost private key in the event that the key is lost, compromised, destroyed, or stolen.

13) Popularity

The value of SGChain Token largely depends on the popularity of the SGChain platform. SGChain does not expect to be hugely popular or widely used shortly after launch. In the worst case scenario, SGChain may even be marginalized, attracting only a small group of users for a long time. The demand for SGChain Token may be largly speculative. The lack of users may cause SGChain Token's market price fluctuate greatly and have impact on the long term development of SGChain. In the event of such price fluctuations, the SGChain Development and Operations team will not (nor be liable to) stabilize or influence the SGChain Token market price.

14) Price fluctuations

Cryptocurrency tokens price typically fluctuate sharply when traded in the open market. Price shocks occur frequently in short periods. The price may be valued in Bitcoin, Ether, U.S. Dollar or other currencies.

Such price fluctuations may be caused by market forces (including speculative trading), regulatory policy changes, technological innovations, the availability of exchanges and other objective factors that also reflect changes in the supply - demand balance.

The SGChain Development and Operations team is not responsible for SGChain Token tradings in any secondary market. Therefore, the SGChain development and

operations team is not obliged to stabilize the price fluctuations of SGChain Token. SGChain Token traders shall bear the risk involved in the trading.