



The First Graphic

# Decentralized Fair Gaming Platform in the world

Based on Blockchain and Smart Contract

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## 1 Abstract

Based on Ethereum, Fair.game uses decentralized technology and smart contract to ensure the fairness of games. Fair.Game will be launched globally in different languages and multi-terminal versions such as WEB, Mobile APP (IOS, Android, PC.

Fair.Game combines the “open, fair and just” features of blockchain and online games in an innovative way. It eliminates various problems in traditional games such as blackbox operation, non-transparent numerical algorithm and inequality among players. The platform will significantly increase the trust of the players and the fees that paying players are willing to spend on the game.

Besides the games on Fair.Game platform, we will also launch Fair.Game SDK to connect current online games. This will extend the Fair.Game spirit (fair game) and capability to the enormous online gaming market. We dedicate ourselves to improving the experience and fairness of billions of game players around the world and increasing the efficiency of the game operators.

## 2 Background

### 2.1 Global online game market size and current situation

According to a recent report released by Digi-Capital, an investment bank, global game software and hardware revenues will exceed \$ 150 billion in 2017, with software revenue accounting for three-quarters of the total revenue. It is estimated that by 2021, the game industry revenue will increase to \$ 200 billion. This is a huge, trendy market which is still growing rapidly.

In this market, PC games, console games, web games and mobile games are the major concentration areas for users. Thanks to the large-scale popularization of smart mobile devices, mobile game has become the most important market in the game industry.

### 2.2 Existing problems in the game industry

- Blackbox operation in the game core numerical and unprovable fairness

In almost all online games, there are various activities like game props acquisition, game rewards, and so on. However, in the current game development and operation system, these core numerical algorithms are not public, transparent or fair. Game developers and operators are able to control such core numericals by blackbox operations on the server, leading to damages on game playability, fairness and sustainable development of operations.

- Inequality among players

Game users will try different types of games, such as chess, MMO, MOBA, electronic sports, gambling, etc., The numerical balance of all kinds of games and the equality among players are something that the game users are very concerned about. Players sometimes play in an unfair, unequal environment that users cannot trace or verify, resulting in losses of the game's playability and competitiveness and user outflow.

- Inefficient channel promotion

The game promotion channel connects the game operators on the one end, and to the game users on the other end, and derives the benefit from game recommendation. However, because the user's top-up data is stored only at the game operator server, the quality assessment and benefit acquisition of the game promotion channel depend on the "trust" for game operators. Therefore, the game promotion channel cannot obtain the true feedbacks on promotion efficiency, which leads to the decrease of promotion efficiency of the game channel, which cannot be further optimized and transformed.

## 3 Fair.Game opens a new game era with blockchain technology

### 3.1 About Fair.Game

Based on Ethereum, Fair.Game is a distributed game platform, and it utilizes smart contracts to ensure the game fairness. The blockchain data are characterized by entire network consensus and immutability. That is totally different from the traditional game, and Fair.Game completely eliminates various problems in traditional games such as blackbox operation, non-transparent data in industry chain and inequality among players. So that it can provide an unprecedented fair

environment for the game users of different roles, game developers and upstream and downstream firms.

### 3.2 Openness, fairness and justness

Fair.Game will make public all core random numbers of the running games in the platform. The numbers are used to ensure fairness. These numbers include the game reward probability, random accesses to the game, values for player matching balance, etc. Core data is completely open and transparent.

In contrast with traditional games' server-side data manipulation, Fair.Game has innovatively introduced Oraclize (external information intermediary) to generate random numbers. Data is transmitted through the encrypted channels to achieve true fairness and justness.

### 3.3 Security and stability

- Private Key Security

Fair.Game only needs users to enter their Ethereum wallet addresses to bet on the games by depositing from their wallets. The entire betting process does not require the user to provide any private key or password. Therefore, no sensitive information of user accounts will remain on your computer or browser, and no such information will be transmitted over the network. This will achieve the highest level of safety and security.

- Terminal Security

Fair.Game uses 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, which can effectively prevent the risks of eavesdropping, tampering and hijacking of information.

- Professional Team

The Fair.Game development and operation team comprises professionals who have many years of experience in internet security and have tens of millions of users in gaming platform operation. This ensures the platform will operate securely and stably.

### 3.4 Smooth game experience

Fair.Game is based on Ethereum for development, but mere Ethereum Dapp has slow transaction speed and cannot meet the needs of large-scale, graphical and multi-player online games. Therefore, Fair.Game team fully utilizes its rich experience in the field of platform construction and adopts the method of "deep coupling". Information that does not affect fairness is constructed in a traditional way. Core data is processed through smart contract in the blockchain. The two seamlessly coordinate and combine, so as to achieve both guaranteed fairness and perfectly smooth gaming experience.

### 3.5 Multi-terminal, multi-language support

Currently Fair.Game is mainly in English. Russian, Korean, Japanese and other language versions will be soon available online in order to meet the needs of users in different regions.

At the same time, we will continue to launch multi-terminal support, including: WEB, mobile APP (IOS, ANDROID), and PC.

### 3.6 Multi-virtual currency support

Fair.Game uses ETH as the basic platform currency. After completion of ICO, it will support its own platform token (FAIR Token), and other mainstream virtual currencies subsequently, including:

BTC、BCH、LTC、ETC、EOS and XRP

At the same time, due to the globalized characteristics of Fair.Game and the regulatory compliance requirements in different countries and regions, Fair.Game does not support the top-up and circulation of fiat currency in any country.

Fair.Game will also establish a new token issuance mechanism. For new tokens applying for circulation, they will only be approved after they are fully evaluated based on their blockchain asset usage among the platform users and their security.

### 3.7 Profit model

Stage 1: platform content self-management stage

At this stage, the profit model of the Fair.Game platform is based on the public probability of self-operate games.

Time: Started since the internal testing in Sept 2017.

Stage 2: platform accepts the content providers' entry

Time: Developer entry will be enabled in Dec 2018; Entry for players will be slightly earlier.

Fair.Game offers two modes of entry: one for the game developers, and the other is for the advanced players. Fair.Game only provides gaming platform environment, token circulation, contributor incentives and other services. But it not directly gets involved in the competitive game with the players. So Fair.Game's profit comes from:

- Apportioned distribution of game developers' revenue tokens on an agreed-upon basis;
- Apportioned distribution of platform players' revenue tokens on an agreed-upon basis;

### 3.8 Sustainable reward for platform contributors

Fair.Game will run a comprehensive set of mechanisms for rewarding platform contributors on a regular basis by giving free tokens. The definitions of platform contributors and possible rewards are as follows:

- Highly Active Users: Top 50% users of tokens betting flow within 24 hours;
- Proxy users: proxy users can receive tokens when his or her new user becomes a highly active user;



- High-quality game developers: game developers can receive tokens if they offer high-quality games on the platform;

### 3.9 24-Hour Partnership

For those who have a long and positive view on Fair.Game and hold FAIR Token, we will launch "24-Hours Partnership". The plan will select several users as partners for a specified period of time and the selected partners will receive part of the 24-hour platform profit, the specific rules are as follows:

- 30% of platform profit is used to reward partners

30% of the platform's profit in every 24 hours is used to reward partners (based on the earnings data of the public smart contract);

- User gets the partnership by blind casting

Within a specified time, the user transfers the FAIR Token he holds to the blind casting address provided by the platform at his will. And the platform will count the number of all transferred Tokens. According to the apportionment, the platform selects the top 30 users as a 24-Hour partner.

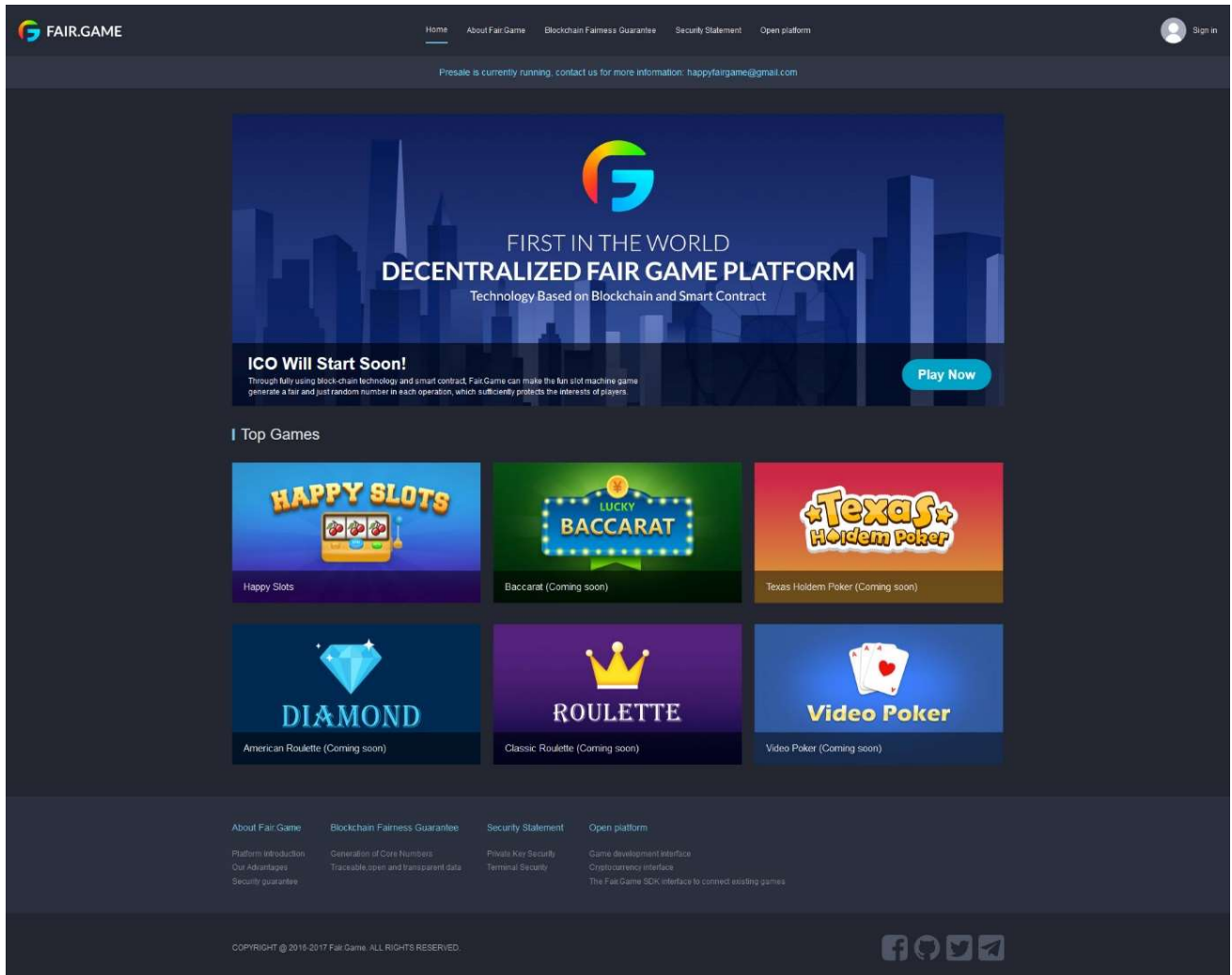
- Rewarding based on the percentage of Blind Casting

The platform will give a direct reward of 30% revenue (ETH) within the 24-hour period based on the percentage of Blind Casting. The top 30 users of blind casting who qualify for the partnership will be directly rewarded.

\*Share of profit and number of partners may adjust according to the actual operations of the platform

### 3.10 Platform Official Website and Game Online

- Fair.Game Official Website



- Game already online: Slot Machine

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[Sign in](#)

Fair game 100% verified fair, 100% safe and stable

0XAAD7CB0AD13E4A77E95E03E8984F800E2E9695A4 Wins 6 ETH

# HAPPY SLOTS

## HIT THE JACKPOT

**PAY TABLE**

100	100
30	30
20	20
10	10
6	6
5	5
4	4
3	3
2	2
1	1

Balance : 1.00
 

Jackpot : 14.68

This is demo play  
Win real ETH in real play

REAL PLAY

MAX

AUTO SPIN

SPIN

Bet : 0.10

Gas: 57

Win : 0.00

JACKPOT JACKPOT JACKPOT

ALL ETH IN JACKPOT

Last Bets		My Bets		Big Wins		Leader Board	
Player Address	Amount	Player Address	Amount	Player Address	Amount	Player Address	Amount
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xa3cde255c1882a8cbe781959c4d0e5997c1909...	0.1	0.3			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xc356cbe4ab35ed2e32698ab5fd418a0d64195af...	0.1	0			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xf50d9d8e248fba23a0e3969188832c12a83f...	0.1	0			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xd9c6160a54283dc15787c9038cf5bd4ca0665...	0.1	0			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0x89ae9ca0fa911957992cfb4272f59a6988bbb1...	0.1	0			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0x159547f701245ac6dc3065f77e6691a21b04b8...	0.1	0			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xe7485f75e574f32a5b7fc3d6a10f89fb1ce7...	0.1	0.1			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xde5cd09eb8c3ae83d51fbc018dd6b385283...	0.1	0			
0xaad7cb0ad13e4a77e95e03e8984f800e2e9695a4	0.1	0xd96ac1b0bf0bcbf0283de7e12149256a28871...	0.1	0			
0xd5a8410a4bca8f617b427e4ea5e538aeeb5b109	0.1	0xcce38de5607950a69317daa95eaf3688d1c78d3...	0.1	0.2			

[About Fair Game](#)

[Blockchain Fairness Guarantee](#)

[Security Statement](#)

[Open platform](#)

Platform introduction  
Our Advantages  
Security guarantee

Generation of Core Numbers  
Traceable open and transparent data

Private Key Security  
Terminal Security

Game development interface  
Cryptocurrency interface  
The Fair Game SDK interface to connect existing games

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## 4 Fair.Game Open Platform Introduction

Fair.Game Open Platform will be a component of the platform. It will provide the following developing capacities:

### 4.1 Open game content access

Game developers will settle in Fair.Game platform according to Fair.Game API requirements and specifications. API outputs fair data through smart contract to the hosting game, so as to provide global game developers with a new platform that is fair and dynamic, and also uses rewards to constantly improve the quality of the game and bring gamers better gaming experience.

### 4.2 Open token circulation access

Fair.Game will establish a new token circulation access mechanism, which aims at assessing the current circulated tokens on the market those tokens that apply to circulate on the Fair.Game. The assessment involves user volume evaluation and sample user voting to decide whether to enter new tokens or not. The entry of all new tokens will take the maximum guarantee of user token assets as the precondition.

### 4.3 Fair.Game SDK connecting with external existing online games

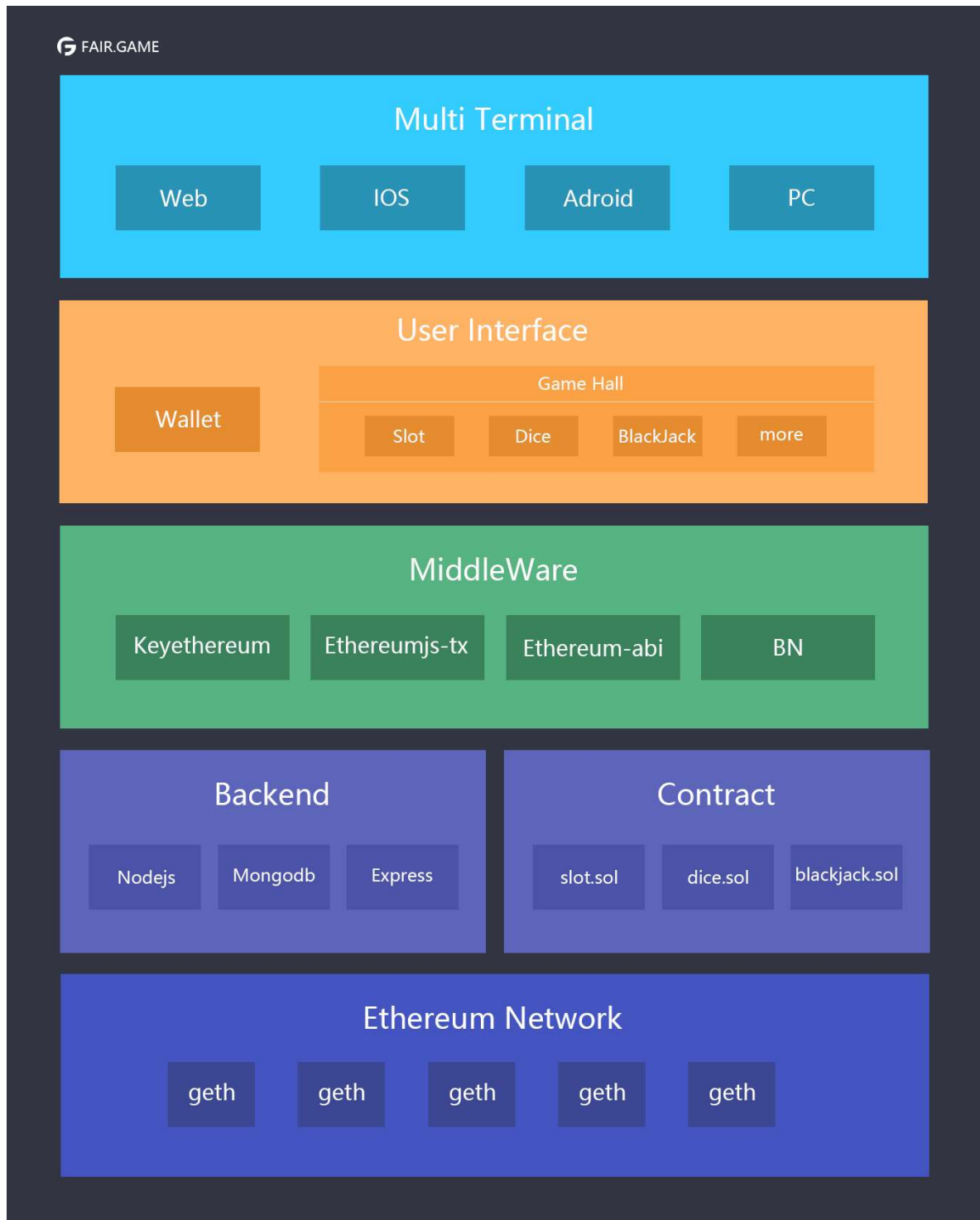
Through the operation with external platform game developers and operators, Fair.Game SDK exports the virtual currency assets, fair game core numericals and openness, equality among game players to the existing games. It spreads the ideas of decentralized blockchain, fairness and openness and justice of smart contract to the existing online games, providing a fair game experience for the users, and a better user retention rate and the ability to support a variety of blockchain assets tokens circulation for game operators.

## 5 Roadmap



## 6 Technical Framework Scheme

### 6.1 System Layout



Fair.Game aims to provide a visualized, ethereum smart contract-based, multiple-interface supported, fair and safe gaming platform. Fair.Game uses a light interface mode in which the users will not run ethereum nodes on their own computers. Neither need they install a browser plugin such as Metamask. Thanks to the cloud node services invented by Fair.Game, users can use any terminal to operate on the ethereum blockchain. As such, users can conveniently play games on ethereum with enhanced experience.

We have successfully implemented the lite wallet and Game Hall in User Interface layer. The Game Hall will have various games based on ethereum, one of which is the Slots, which is already successfully implemented. And we will continue working on Hold'em and Blackjack.

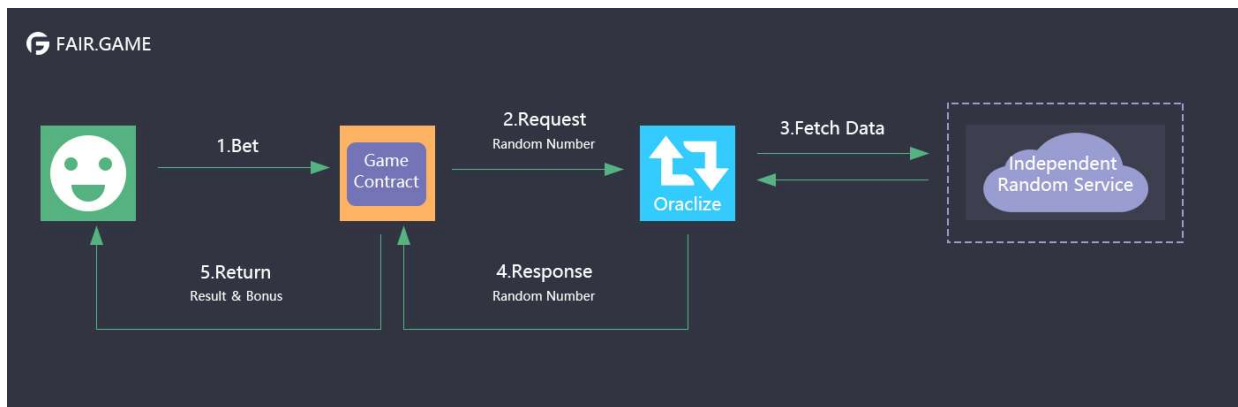
We will gradually open SDK to game developers. These game developers will develop ethereum Dapps and blockchain games based on the service we provide on Fair.Game platform and the SDK and they will be disseminated quickly if they fit with the selection criteria.

Fair.Game has provided a series of middlewares for various games. These include the accommodation of various e-wallets, currencies and functions related to smart contract deployments, such as `keyethereum/ethereumjs-tx/ethereum-api`.

The backend is used for providing centralized services to the frontend. We have successfully combined decentralization with centralization to ensure more efficient and smooth gaming experience, and of course, under the circumstance that all data are open, fair and just.

Security: We manage core logics and data on the ethereum main chain using smart contracts. At the same time, all ethereum private keys are stored on the local terminals and they will not, under any circumstance, be disseminated on the web or stored in a centralized server, guaranteeing the privacy and safety of these accounts.

## 6.2 Smart Contract framework



For games running on the Fair.Game platform, the core functionality is the deployment of smart contracts on the ethereum blockchain, including: betting, random number generation, reward calculation and reward issuance. The codes that are running these functions can be verified on the ethereum nodes and they are fully transparent

On the other hand, Random number mechanism is the core of all chess and card games. The quality of random number calculation directly affects the fairness and playability of the game. For a deterministic system like blockchain, it is very difficult to generate random numbers. Fair.Game uses information intermediary (Oracle) to obtain authoritative, customized random data off the chain. The process runs as follows:

1. A player bets on a Fair.Game game and it calls directly the corresponding smart contracts on the ethereum blockchain
2. The smart contract records the user information and the time information and it sends a request to Oraelize
3. Oraelize customizes a random number generation and it avoids the influence of any miner on the randomness of the result
4. Oraelize then uploads the random number onto the ethereum blockchain which will in turn return the value to the smart contract initiated before
5. The smart contract will verify the source and usability of the random number and translate this random result into a final outcome specifically designed for each game. It

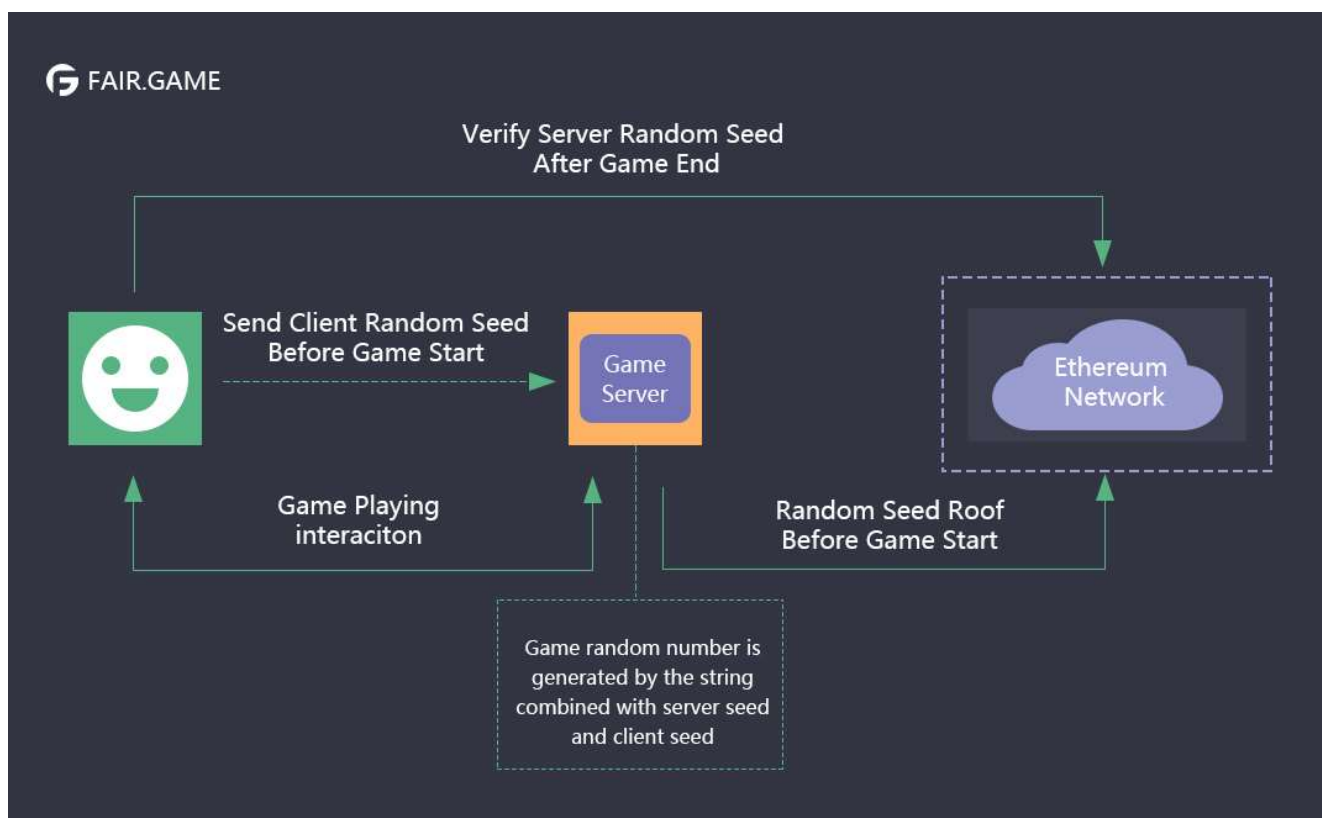


can be a win or no win for the user. The result is sent to the frontend and if a user wins the reward will be sent to him/her at the same time.

### 6.3 Decentralized Acceleration Program

The logics of the game are based on the decentralization feature of ethereum. It naturally forbids the manipulation of the game by the dealer. At the same time, the slow processing speed and high delay of the ethereum blockchain have created some challenges for the project. For games that need multiple interactions per round such as Blackjack or Baccarat, the effect, if the ethereum smart contract is used, is that it takes several minutes to just complete one card-dealing. Apparently, this is not the user experience we can stand.

As such, how exactly can we ensure the smoothing running of the program when justness, fairness and security are guaranteed? We decided to combine the decentralized transaction with the centralized authorization.



As the chart above has shown, we would introduce a centralized game server in the blockchain system. Gamers can communicate with the game server during the process to ensure the responsiveness and the smoothness of the interactions. At the same time, the core logics of the games, which were subjects of manipulation, can now be run on the smart contract on the blockchain. These smart contracts can guarantee fairness and transparency and they are provable and traceable. The server therefore cannot fake the random number to make the players lose the game.

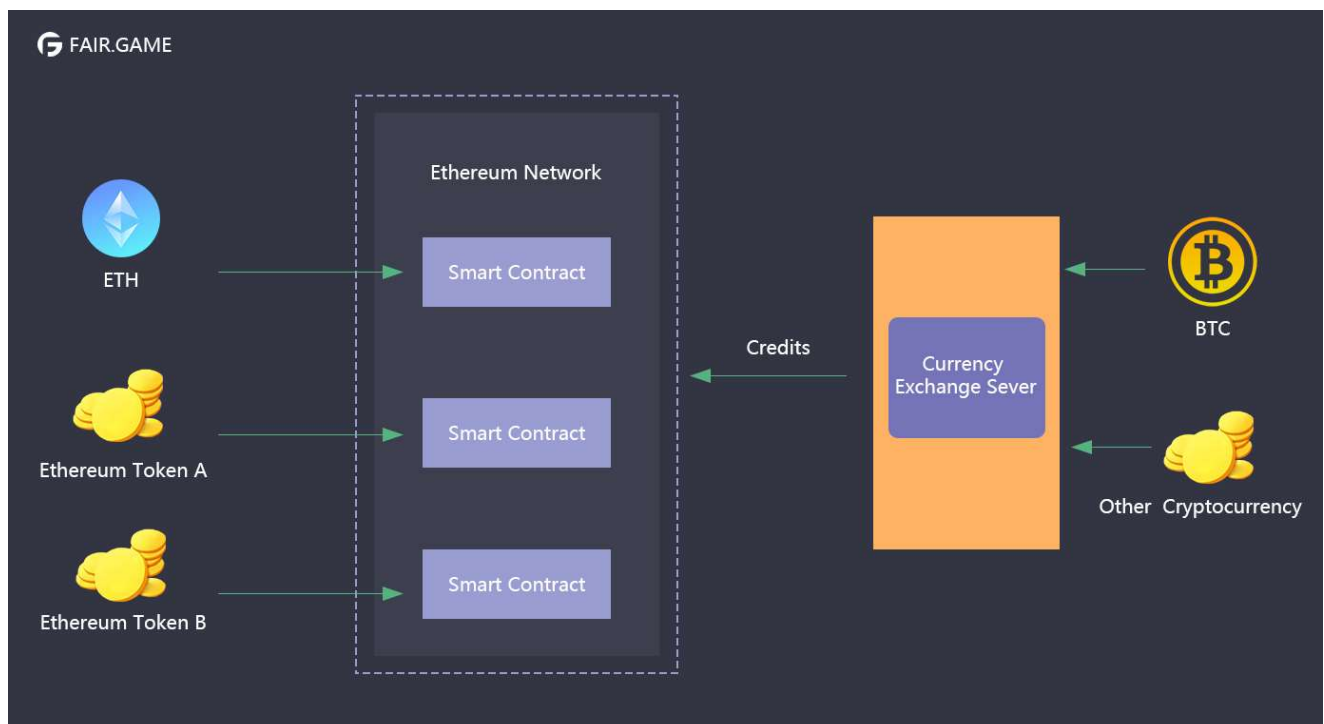
The mechanism goes like this: the random number generation is a result of a combination of both a server seed and a client seed. The finalized number is affected by both the server and the player seeds. The player can alter the choice of seed before the start of the game and the server will have no intervention to the player seed, hence the final random number result. The whole process is completely transparent and it includes the following steps:

- 1) Before the start of the game, the game server will generate a random seed and will show the certificate of the seed to the players. The certificate is obtained from the ethereum network and are entirely managed by smart contracts; next, a random seed is generated by the player, which can be modified any time before the game starts
- 2) A player sends the random seed to the to the server and starts the game. The game server will combine the server seed, the player seed and the transaction number according to the advertised procedure. It will generate the random number using the Mersenne Twister algorithm. The random number is used as an input to be used to generate a final output given different games: it will be presented as a number of 1 to 6 in a Dice game; a combination of three images in the Slot Machine; a random shuffling for a poker game. Once the random number is chosen, the process afterwards will only need to be conducted on the centralized server and the player interface, guaranteeing the speed and efficiency of the whole system.
- 3) Once a game is finished, the game server seed and the player seed will both be published by the game server. Players can verify the consistency of the game seed with the certificate issued earlier on the ethereum smart contract, thereby ensuring that the

server does not cheat and the game is operating under a fair and transparent environment.

## 6.4 Support for Multiple Cryptocurrencies

Fair.Game supports multiple cryptocurrencies, including various tokens on the ethereum blockchain and other non-ethereum based tokens.



Fair.Game can interface with ethereum and all ethereum based cryptocurrencies directly. Players can play games using any currency and the withdrawals can happen in these currencies too.

## 7 The Team

The Fair.Game team consists of many professionals who have been in their respective fields for many years, including:

Product design: more than 6 years of experience in blockchain development and design, with a deep understanding of the user case of the blockchain technology and invented products that have reached millions;

Product development: more than 8 years of experience in web development, with a combined DAU of more than 30 millions;

Product security: well respected individuals in the cybersecurity space, with more than 6 years of working experience and reached more than 10 million users;

Marketing and operations: 15 years of online gaming industry experience, rich in operations and platform management experiences.

## 8 Token issuance

### 8.1 Token Issuance Objective

The ethers that will be raised in the first round of token issuance will be used to develop the Fair.Game platform, to expand the Fair.Game global initiative and team size and to market Fair.Game to the general population.

### 8.2 Usage of Fair.Game Tokens

FAIR token has two rights:

#### 1. Voting rights

Holders of the token will have a right to vote for the next selected game developer to be onboarded onto the Fair.Game platform. The voting procedure will use a similar mechanism as proof-of-stake, in which power of the voter will be proportional to the number of tokens that he/she is holding. This voting process can be accomplished from a Fair.Game wallet.

#### 2. Accessibility to platform

Fair tokens can be used as a universal currency on all Fair.Game platforms. It would function in the same way as ETH, BTC, BCH, LTC, ETC, EOS, XRP and other tokens that we plan to add to the platform. At the same time, Fair token holders will enjoy the added benefit of the 24-Hour Partnership. For more details about 24-Hour Partnership, please refer to section 3.9 for more details.

### 8.3 Fair Token Issuance Plan

A total number of 1,200,000,000 tokens will be issued, out of which, 50% (600 million) tokens will be collected in the first-round private sale and public offering. The tokens are ERC20 compliant:

Softcap: 20,000 ETH

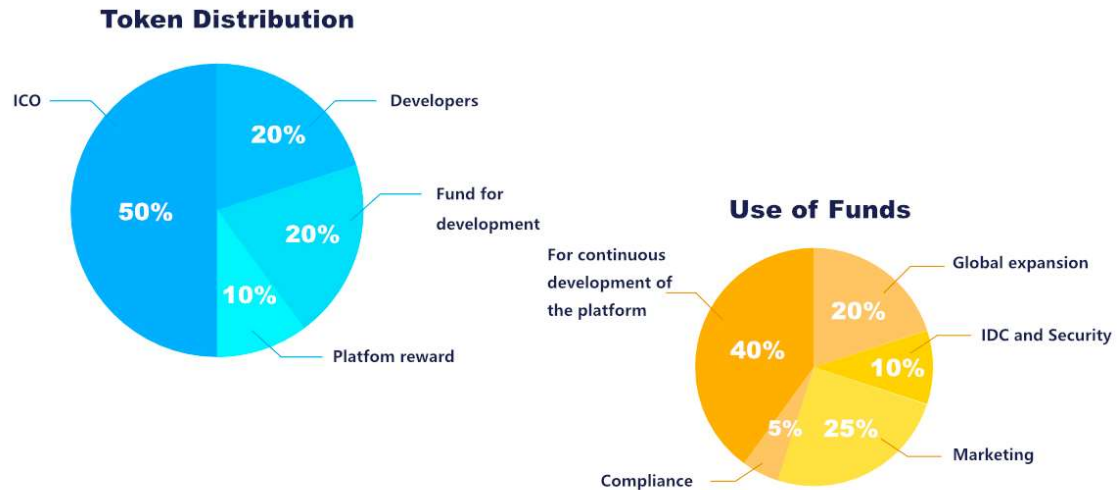
Hardcap: 60,000 ETH

Cost of FAIR ICO: 1 ETH = 10,000 FAIR tokens. There will also be early-bird rewards as follows:

FAIR Token ICO		
Time	Reward	1 ETH to FAIR tokens
Week 1	20%	12000
Week 2	10%	11000
Week 3	0	10000

After successful issuance, FAIR Tokens will be listed recently on mainstream global exchanges,

## 8.4 Token Distribution and Use of Funds



### 8.4.1 Token Distribution

Private placement and ICO: 50%

Developers and operations team: 20%, 2-year lock-up

FAIR.GAME development fund: 20%

FAIR.GAME platform rewards: 10%

### 8.4.2 Usage of Funds

- For continuous development of the platform: 40%  
Funds will be spent on developing the platform to be more usable, secure and adaptable;
- For global expansion: 20%  
The early Fair.Game users are mainly people who have been familiar with the cryptocurrency industry or crypto enthusiasts. We will continue building different channels and developing the Fair.Game platform into a global and versatile gaming ecosystem;

- Marketing: 25%  
A world-wide marketing campaign;
- IDC and security: 10%  
Fair.Game will provide the best user experience to gamers all over the world. As the platform deals with massive amounts of crypto assets, we will keep investing on platform security to make Fair.Game a stable, secure and reliable blockchain gaming platform;
- Compliance management: 5%  
Blockchain applications are still nascent, especially applications that span across the world. Fair.Game will set up dedicated departments for legal, taxation and risk management. While we keep perfecting our legal, financial and auditing procedures, we must at the same time ensure that all rules and regulations are abided by.

## 8.5 Operations Management

Fair.Game will advance in two phases:

- Phase 1

Fair.Game has set up the main operating body in charge of developing the platform in Vanuatu. This unit will be responsible for developing, marketing and promoting our platform in phase 1.

As that ethereum is still in development stage, we currently cannot put the whole Fair.Game platform onto the ethereum chain. There are parts that we cannot fully decentralize at this stage. As such, the team has put forth a creative initiative in which we will combine the traditional video/audio processing with the fairness and irreversibility features of the blockchain, hence achieving both excellent user experience and fairness in competition.

- Phase 2

With the accelerated development of ethereum, Fair.Game will gradually become fully decentralized and it will trigger its own incentivizing scheme and will be autonomous.

## 9 Indemnification and Acknowledgement of Risks

### 9.1 Indemnity

THE PURCHASER EXPRESSLY AGREES THAT THE PURCHASER IS PURCHASING FAIR TOKEN AT THE PURCHASER'S SOLE RISK AND THAT FAIR TOKEN IS PROVIDED ON AN "AS IS" BASIS WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF TITLE OR IMPLIED WARRANTIES, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE (EXCEPT ONLY TO THE EXTENT PROHIBITED UNDER APPLICABLE LAW WITH ANY LEGALLY REQUIRED WARRANTY PERIOD TO THE SHORTER OF THIRTY DAYS FROM FIRST USE OR THE MINIMUM PED). WITHOUT LIMITING THE FOREGOING, NONE OF THE FAIR.GAME TEAM WARRANTS THAT THE PROCESS FOR PURCHASING FAIR TOKEN WILL BE UNINTERRUPTED OR ERROR-FREE.

By purchasing the FAIR digital tokens, the User represents and warrants that:

- (i) the User have read and understand the FAIR.GAME Token Sale Agreement in full;
- (ii) the User have read and understand the FAIR.GAME Whitepaper in full;
- (iii) the User fully understands, realizes and agrees with the information about the functionality, usage, storage, transmission mechanisms and other material characteristics of the FAIR digital tokens, blockchain technology, blockchain-based software systems and their risks, and appreciates the risks and implications of purchasing the FAIR digital tokens;
- (iv) the User will not forge, or otherwise manipulate any personal or non-personal data requested by the FAIR.GAME in the process of the User's registration (will not use the VPN or other means of distorting the data), or after its completion, will provide all necessary personal or non-personal data in the form and format requested by the FAIR.GAME in the event when such necessity arises in connection within the requirements of anti-money laundering and "Know Your Customer" (KYC) frameworks of the FAIR.GAME or in accordance with the applicable law.



(v) the User's purchase of the FAIR.GAME digital tokens complies with applicable laws and regulations in the User's jurisdiction;

(vi) the User is not a citizen or resident of a geographic area in which access to or use of the cryptocurrency or digital tokens is prohibited by applicable law, decree, regulation, treaty, or administrative act;

(vii) the User do not intend to hinder, delay or defraud the FAIR.GAME or any other users of the FAIR.GAME Platform or engage in any illegal conduct and or unlawful activity in relation to money laundering, receiving the proceeds of drug trafficking or terrorist activities; receiving the proceeds of criminal activities, terrorist activities or trading with such countries as might from time to time be subject to any embargo imposed by the Security Council of the United Nations, the European Union, or Singapore or in any place of the world.

Fair.Game does not acknowledge the following responsibilities:

- User violation of AML and anti-terrorism finance laws
- User violation of any statement, warranties, responsibilities and obligations which result in one's inability to deposit or withdraw Fair token
- In the case when the issuance plan of Fair token is abandoned
- In the case when the development of Fair.Game is postponed, delayed or cancelled which results in a late or no issuance of the Fair token
- Guaranteeing the usage of funds
- Any leakage or loss of digitally encrypted keys
- Any speculative activities on the Fair token
- Any listing or delisting of Fair token in various exchanges
- Any lawful restrictions on the circulation of the Fair token

## 9.2 Acknowledgement of Risks

Nothing in the Service, in the Terms or in any statements or information contained on the Site at any moment, or in any means of communication of the Service (including but not limited to the

publications in social media, as well as the statements or declarations made by inter alia the representatives of the Service, notwithstanding whether they had been made personally or on behalf of the Service), notwithstanding the time of their occurrence, shall be construed as the guarantee of gaining profit or benefit in any other form.

Venture investments are highly risky. Once the investor sends his cryptocurrency to one of the wallets, he confirms that he understands and accepts the risks and potential irreversible losses. The risks highlighted below are worth considering but they are not exhaustive.

### **1. Risk of Losing Access to FAIR.GAME Due to Loss of Private Key(s), Custodial Error or Purchaser Error**

A private key, or a combination of private keys, is necessary to control and dispose of FAIR TOKEN stored in your digital wallet or vault. Accordingly, loss of requisite private key(s) associated with your digital wallet or vault storing FAIR TOKEN will result in loss of such FAIR TOKEN. Moreover, any third party that gains access to such private key(s), including by gaining access to login credentials of a hosted wallet service you use, may be able to misappropriate your FAIR TOKEN. Any errors or malfunctions caused by or otherwise related to the digital wallet or vault you choose to receive and store FAIR TOKEN in, including your own failure to properly maintain or use such digital wallet or vault, may also result in the loss of your FAIR TOKEN. Additionally, your failure to follow precisely the procedures set forth in for buying and receiving Tokens, including, for instance, if you provide the wrong address for the receiving FAIR TOKEN, or provides an address that is not ERC-20 compatible, may result in the loss of your Tokens.

### **2. Risks Associated with the Ethereum Protocol**

Because FAIR TOKEN and the FAIR.GAME platform are based on the Ethereum protocol, any malfunction, breakdown or abandonment of the Ethereum protocol may have a material adverse effect on the platform or FAIR TOKEN. Moreover, advances in cryptography, or technical advances such as the development of quantum computing, could present risks to the FAIR TOKEN and the platform, including the utility of the FAIR TOKEN for obtaining services, by rendering ineffective the cryptographic consensus mechanism that underpins the Ethereum protocol.

### **3. Risk of Mining Attacks**

As with other decentralized cryptographic tokens based on the Ethereum protocol, FAIR TOKEN are susceptible to attacks by miners in the course of validating FAIR TOKEN transactions on the Ethereum blockchain, including, but not limited, to double-spend attacks, majority mining power attacks, and selfish-mining attacks. Any successful attacks present a risk to the platform and FAIR TOKEN, including, but not limited to, accurate execution and recording of transactions involving FAIR TOKEN.

### **4. Risk of Hacking and Security Weaknesses**

Hackers or other malicious groups or organizations may attempt to interfere with the platform or FAIR TOKEN in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing. Furthermore, because the platform is based on open-source software, there is a risk that a third party or a member of the Company team may intentionally or unintentionally introduce weaknesses into the core infrastructure of the platform, which could negatively affect the platform and FAIR TOKEN, including the utility of FAIR TOKEN for obtaining Services.

### **5. Risks Associated with Markets for FAIR TOKEN**

If secondary trading of Tokens is facilitated by third party exchanges, such exchanges may be relatively new and subject to little or no regulatory oversight, making them more susceptible to fraud or manipulation. Furthermore, to the extent that third-parties do ascribe an external exchange value to FAIR TOKEN (e.g., as denominated in a digital or fiat currency), such value may be extremely volatile.

### **6. Risk of Uninsured Losses**

Unlike bank accounts or accounts at some other financial institutions, FAIR TOKEN are uninsured unless you specifically obtain private insurance to insure them. Thus, in the event of loss or loss of utility value, there is no public insurer or private insurance arranged by Company, to offer recourse to you.

## **7. Risks Associated with Uncertain Regulations and Enforcement Actions**

The regulatory status of FAIR TOKEN and distributed ledger technology is unclear or unsettled in many jurisdictions. It is difficult to predict how or whether regulatory agencies may apply existing regulation with respect to such technology and its applications, including the FAIR.GAME platform and FAIR TOKEN. It is likewise difficult to predict how or whether legislatures or regulatory agencies may implement changes to law and regulation affecting distributed ledger technology and its applications, including the platform and FAIR TOKEN. Regulatory actions could negatively impact the platform and FAIR TOKEN in various ways, including, for purposes of illustration only, through a determination that the purchase, sale and delivery of FAIR TOKEN constitutes unlawful activity or that FAIR TOKEN are a regulated instrument that require registration or licensing of those instruments or some or all of the parties involved in the purchase, sale and delivery thereof. The Company may cease operations in a jurisdiction in the event that regulatory actions, or changes to law or regulation, make it illegal to operate in such jurisdiction, or commercially undesirable to obtain the necessary regulatory approval(s) to operate in such jurisdiction.

## **8. Risks Arising from Taxation**

The tax characterization of FAIR TOKEN is uncertain. You must seek your own tax advice in connection with purchasing FAIR TOKEN, which may result in adverse tax consequences to you, including withholding taxes, income taxes and tax reporting requirements.

## **9. Risk of Competing platforms**

It is possible that alternative platforms could be established that utilize the same open source code and protocol underlying the platform and attempt to facilitate services that are materially similar to the FAIR.GAME services.

## **10. Risks Arising from Lack of Governance Rights**

Because FAIR TOKEN confer no governance rights of any kind with respect to the FAIR.GAME platform or the Company, all decisions involving the Company's products or services within the

platform or the Company itself will be made by the Company at its sole discretion. These decisions could adversely affect the platform and the utility of any FAIR TOKEN you own, including their utility for obtaining Services.

#### **11. Unanticipated Risks**

Cryptographic tokens such as FAIR TOKEN are a new and untested technology. In addition to the risks included in these Terms, there are other risks associated with your purchase, possession and use of FAIR TOKEN, including unanticipated risks. Such risks may further materialize as unanticipated variations or combinations of the risks discussed in these Terms.