

WALLABEE PLATFORM



Remote Robot Game On Blockchain

New On/Off-line Convergence Platform

Blockchain-Based On/Off-line Convergence Game

WALLABEE 

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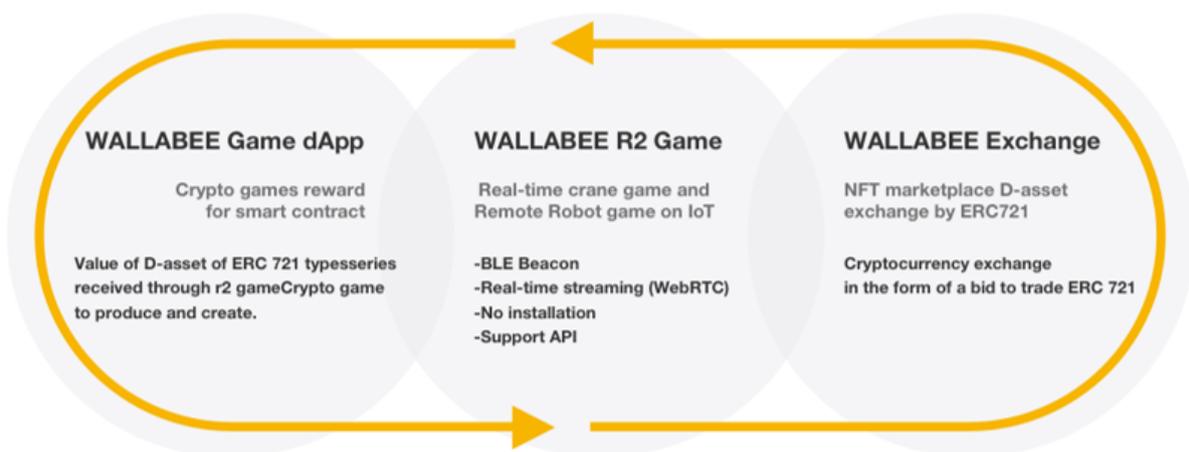
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1. Outline

WALLABEE PLATFORM is a converged game solution platform that combines blockchain technology for digital assets, IoT service and internet game technology.



R2: Remote Robot

Arcade games, represented by crane games, are games in which customers directly play games in offline stores to acquire the products inside the game machine. Arcade games have no way of knowing the level of difficulty, the number of games played and the number



of successes, and only the experience of the game participants can indirectly tell the level of difficulty of the game.

The difficulty of a typical offline arcade game device depends on the location and size of the target of the game device and the characteristics of the device (crane strength, push, drop and move separately options). On an offline machine, however, the level of difficulty of the game player's visual judgment and personal experience during play is an indicator of difficulty, which is very limited and opaque to the game player and provides only very unscientific information.

In offline arcade games, the game's output may not necessarily meet the game player's satisfaction. Or even if you succeed in the game, the game player's disappointment can be even greater. This is because the result of the game is limited to the object in the game machine, so you can get unexpected results that you do not want.

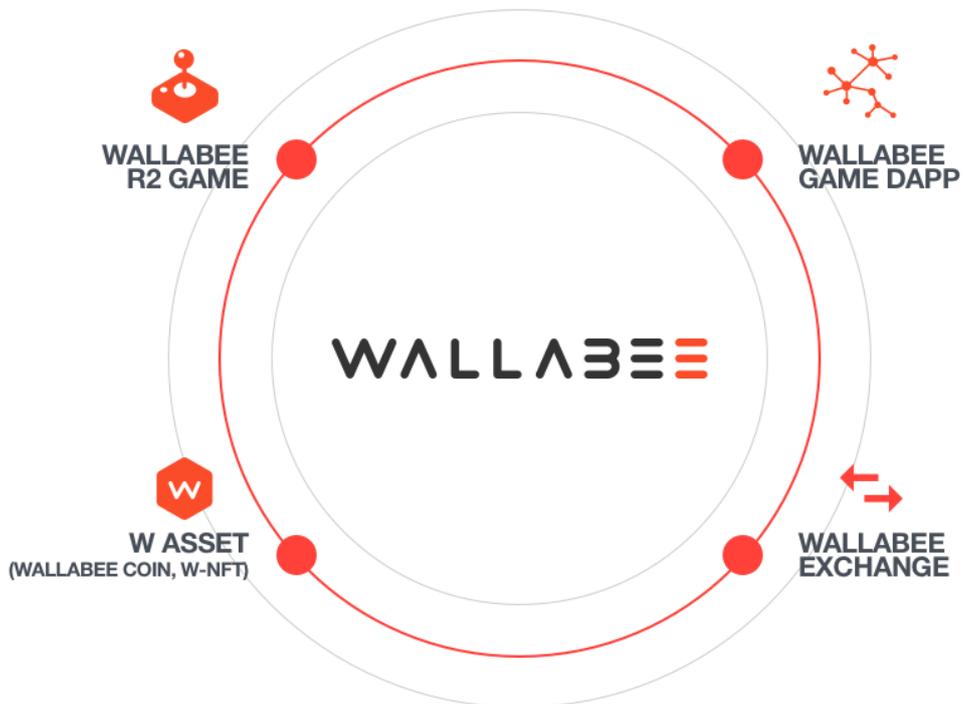
Offline arcade games offer very limited rewards for success in the game, and have a business structure that can only be used very limitedly in taking advantage or expanding its value. In particular, there is a limit that can be provided as necessary or unnecessary reward depending on the anthropological background of the game player's age, occupation, gender, etc.

Offline arcade games offer a variety of offline entertainment, but have place and time limitations. Offline arcade arcades have a variety of regulatory restrictions as well as the operating hours of facilities, and local/traffic limitations prevent game players from



accessing offline arcade games.

Offline arcade games offer a lot of fun due to a more realistic gaming experience than online games, and because of the limitations of being offline, many game players can't get involved.



WALLABEE PLATFORM improves the limits of offline arcade games more effectively, providing services for many game players to access offline arcade games online, regardless of time and place.

WALLABEE R2 GAME provides a platform for playing arcade games anytime, anywhere, by applying IoT technology to control arcade game devices through online environment in real time, and providing the same environment as playing games directly on offline sites based



on real-time video technology.

WALLABEE R2 GAME applies blockchain technology to enhance transparency about games by providing information about participation, success information, difficulty information, and profit information in games for each participating machine.

The WALLABEE COIN ensures quantified participation and rewards for game players by providing them with a clear reward for the game with utility coins, which are the coins needed to participate in the WALLABEE R2 GAME.

W-NFT is a special reward from WALLABEE R2 GAME, which can increase the value of W-NFT by using various services within WALLABEE PLATFORM. WALLABEE PLATFORM services can change the character's attributes, such as game, transformation, or expansion, to enhance each player's unique character or stronger character within the service.

WALLABEE EX is a service that supports transactions with other game players and WALLABEE PLATFORM users through various services of WALLABEE R2 GAME and WALLABEE PLATFORM. WALLABEE EX offers a variety of transaction solutions, including auction systems, as well as direct transactions between users, to help more users acquire



and sell their characters in a variety of ways.



WALLABEE R2 Game
Real-time crane game
IoT based Remote Robot games
R2: Remote Robot

Tech point

- BLE Beacon
- Real-time streaming (WebRTC)
- No installation
- Support API



WALLABEE Game dApp
Crypto games reward for smart contract

Value of D-asset of ERC 721 typesseries received through r2 game
Crypto game to produce and create.



WALLABEE Exchange
NFT marketplace D-asset exchange by ERC721

Cryptocurrency exchange in the form of a bid to trade ERC 721



WALLABEE PLATFORM offers a new concept of online – offline arcade games by overcoming many of the limitations existing offline arcade games have and providing a variety of services. This will create an ecosystem of diverse services and digital assets that can be built in a virtuous cycle of digital assets, not just arcade games, but also various digital



assets (character, item, in-game ignition) produced by traditional online games, but not by chance, but by real and clear rewards based on the game player's ability and transparently transparent information.

WALLABEE PLATFORM's on/off-line games offer new ways to not only offline games, but also to digital assets that online games see as a limit.

The acquisition of items and characters that depend on transparent information and game player's ability, not on the growth of items and characters by opaque probability in online game, will not only serve as an alternative to inflation in-game service quality due to opaque probability used for value in online game, but also as a new alternative to authentication and exchange digital assets through blockchain technology's ERC721 token and blockchain game SDK and API.



2. WALLABEE PLATFORM

Offline games are limited in business direction due to the limitations of location and time, which are difficult for many users and various interests and legal.

Online games are being provided with many games due to the development of external devices such as PCs and smartphones, and there are many games coming out, but internal problems such as compensation and payment processes such as limited digital assets (categories, items, etc.) and opaque gaps in their own games are causing internal problems.

WALLABEE PLATFORM wants to present a new alternative by converging the advantages of offline - online games to secure these problems and create a clearer and more cyclical gaming ecosystem.

WALLABEE PLATFORM has three components.

- 1) WALLABEE R2 GAME
- 2) WALLABEE GAME DAPP
- 3) WALLABEE EX



WALLABEE PLATFORM has two important means of value:

- 1) WALLABEE COIN
- 2) W-NFT

WALLABEE PLATFORM's process is rewarded for participating in the game at WALLABEE R2 GAME, and increases the value of WALLABEE EX by using WALLABEE GAME DAPP.

Compensation for participating in and receiving WALLABEE R2 GAME is executed by WALLABEE COIN, and W-NFT can be selected as another reward in WALLABEE R2 GAME.

WALLABEE COIN can be exchanged for other value instruments on the International Cryptographic Exchange, W-NFT can increase its value on the WALLABEE GAME DAPP, or WALLABEE EX can be exchanged for other value instruments.

WALLABEE PLATFORM is of unique value to each component alone. However, the three components provide even greater value when connected organically.

This is to provide more value to the players who participate in the game in a structure that further maximizes the advantages of each component.



2.1. WALLABEE Core Process

The core process of WALLABEE PLATFORM started with the following concerns.

1) Time / Space

Offline arcade games are limited to time and place because of the nature of the game. In the game room where the game is run, there are problems such as the hours of operation and the size of the operating place of the service where the game console is installed, and the game player has the time limit to move to the game place and stay in the game place to participate in the game.

2) Accessibility

Offline arcade games must be located in an area where normal transportation or game players are mostly active, so that players can participate in games.

If you don't have an offline arcade game room around you, you don't have any chance to access the game, which has the biggest limitation of offline arcade games.

3) Transparency

The difficulty of offline arcade games is not transparent or explicit, other than the experience of participating game players learning intuitively as they play. And each game player's level is not even disclosed, but only the indirect experience of some of the people who were there, watching the game play from the side.



In online games, a variety of game rules and methods are provided more clearly than offline arcades. However, many recent games offer rewards for game players and important resources for their progress in a way that is based on opaque probabilities, often called "gacha-random boxes." Rather than the players' efforts, this allows them to apply more than the players' game skills, which lead them to a point where they can only be stochastically successful simply through luck or through constant billing or challenge.

4) Limit of Value

Offline arcade games provide rewards for games by selecting products from within game devices. The rewards for these games are limited in quality due to space constraints and local regulations in which each game room is operated.

Even in online games, the results of a game player's time, effort, or money investment simply remain in the evaluation or utilization of the game, and there is little or no official recognition of the rewards or practical value of the game player's efforts.

These limits of value create an informal form of value recognition for game players and players, not an official form.

For example, the development of 3rd party service businesses that directly trade or broker online game characters or items. Direct trading of online game characters or items is not done under the official approval of the game developer who provides online games, but rather under a form of expedient (unavoidably tolerated by the game maker), resulting in



fraud or theft in many transactions. This is a dilemma for game developers that can't be sanctioned because their game assets (game characters or items) are privately traded without their approval, but on the other hand, they're game users.

5) Probability

Offline arcade game players don't provide specific information, other than how they play their game and where they can visually view their object.

In online games, probability in Gacha (random box) is the most important probability. However, the information provided to game players in online games isn't clear, such as 'high probability', 'very high probability', 'a few numbers of rare items', and virtually no probability feedback of success (random box) and the game player will experience a pure chance-dependent, or unfair standard.

6) Concerned about digital assets

The problem with digital assets in online services has been a problem that began when online services were delivered in earnest.

Because the nature of the computer system makes it easier and faster to replicate any assets or outputs that are electronically represented, we have created ongoing concerns and alternatives about how to preserve ownership of digital (or electronic) assets and their property or explicit value.

Especially, if digital assets in online games are not exactly controlled by game producers,



they are bound to be closed because they interfere with fair game among game users and have a serious impact on the game.

But from the perspective of game users, digital assets (game characters, items, game money) in online games where their time, money and various efforts have been put into them often want to process digital assets at their own discretion, not at the control of game makers, and often judge that the ownership of the digital assets belongs to the game players and users. In particular, more of these responses occur when a large amount of billing is made or games take a long time to participate in.

The gap between game makers, game players and users in online games has resulted in 3rd-party services such as digital asset trading brokerage services that are not controlled by game makers. This leaves game makers with very poor control over their work, digital assets, and no financial benefits at all. And because the game makers are creating post-processing resources for problems (such as theft and fraud) among users in these 3rd-party services, game makers are bound to suffer a huge amount of damage.

But the reason why game makers can't actively block these 3rd-party services is because there are many key users who actively participate in the games, and limiting the services of 3rd-party users puts them in a dilemma that could lead to the departure of core users.

WALLABEE Key Processes include:



1) Solving Time/Space/Accessibility with Offline to Online Technology

The WALLABEE R2 GAME can play offline arcade games online with a real-time remote control robot.

Using the real-time video transmission system, remote robot control technology, and IoT sensor technology for the arcade games installed offline, real-time access to offline devices provides the same speed of use as offline in the web/mobile environment.

Game players can always access offline arcade games online, anytime, anywhere, and solve the problems of accessibility that can occur offline, giving more people the opportunity to experience offline arcade games.

2) Secure transparency using blockchain technology

WALLABEE R2 GAME provides game players with the information they need to play using blockchain technology as much as possible. The scope of transparency focuses on information needed to use an offline arcade game console that has never been known, helping game players make clearer and more accurate decisions about how to play the game.

All of this information is recorded in the blockchain to see all past records, as well as updates.

All games available on WALLABEE R2 GAME will reveal the information below for each game device.

- Number of participating game players



- Number of game successes
- Acquisition Compensation
- Application time
- Applicable fees
- Difficulty level

3) A new service to replace Gacha (random box)

Gacha (random box) is provided as a means of determining the execution of various compensation and purchase plans in online games. The perception is that these random boxes are executed according to internal rules and probabilities set by game makers, which are not open to game players, and that they follow unfair rules in the game play position. WALLABEE PLATFORM applies WALLABEE R2 GAME instead of Gacha (random box) in an online game.

WALLABEE R2 GAME differentiates itself from Gacha (random box).

- Clear probability disclosure
- The involvement of a game player's skills, not a chance of luck or hard to expect.
- Reveal the difficulty level

The rules of WALLABEE R2 GAME are very simple, but they have a strong advantage over conventional Gacha (random box).



1) The probability is to increase the reliability of the existing Gacha (random box), 2) It functions to further enhance fairness by engaging the participants directly, not by making a decision by someone else, 3) By revealing the level of difficulty of the game, the game maker can block any manipulation or unfairness as much as possible, while providing a sense of trust to the game player.

The WALLABEE R2 GAME service can be applied to various billing systems and item payment services for online games, not just games.

- Item payment service
- Game play point service
- Bonus payment service
- Existing video ads replacement service
- Game in Game as a separate promotion or service

It can be delivered in convergence with a variety of services.

4) Digital assets proven by blockchain

WALLABEE PLATFORM provides digital asset proof using the ERC-721 standard of Ethereum platform, a type of blockchain technology.

The ERC-721 standard provides a standard for blockchain technology on proof, trading, exchange, etc. of digital assets, with the concept emerging in Ethereum in 2018 and many



projects have carried out technical demonstration and standard definition of that standard so far in 2020 and with practical services, many projects serve as a Dapp for Ethereum platform.

WALLABEE PLATFORM provides W-NFT using the ERC-721 standard.

WALLABEE PLATFORM can also obtain W-NFT through WALLABEE R2 GAME, or W-NFT can be purchased using WALLABEE COIN.

W-NFT has the following characteristics.

- Character image
- Character characteristics
- Character description
- Character properties
- Character maturity variables
- Character SDK and API

W-NFT has the following technical characteristics.

- Blockchain:

The owner's wallet address is known as the owner of the character.

Each character has its own contract and Token ID.

Provides API or link address to blockchain that has character characteristics and



information.

- API

Images, characteristics, descriptions, attributes, and maturities of each character are provided through the data base or blockchain provided by each WALLABEE GAME DAPP, IPFS, etc.

- SDK

W-NFT provides development SDKs that can be applied to your game service or WALLABEE GAME DAPP.

- Development guide

Provides development guides for online game developers and other service providers who want to participate in many WALLABEE GAME DAPPs to conveniently develop services.

W-NFT can be used as a service.

- The main character or avatar of the game
- Items of the game
- Playpoint of the game
- Goods of the game
- Skins of the game



- Digital sound source
- Digital works (such as e-book)
- Digital image
- Other digital assets

W-NFT is initially acquired through WALLABEE R2 GAME. W-NFT acquired can grow into a more valuable character with WALLABEE GAME DAPP. Of course, you can do business with other blockchain exchange services that support WALLABEE EX or W-NFT without having to grow.

WALLABEE PLATFORM provides 'WALLABEE EX' within its platform to make W-NFT transactions easier and more convenient.

WALLABEE users or game players can fully appreciate W-NFT's value within WALLABEE PLATFORM and purchase W-NFT from other users.

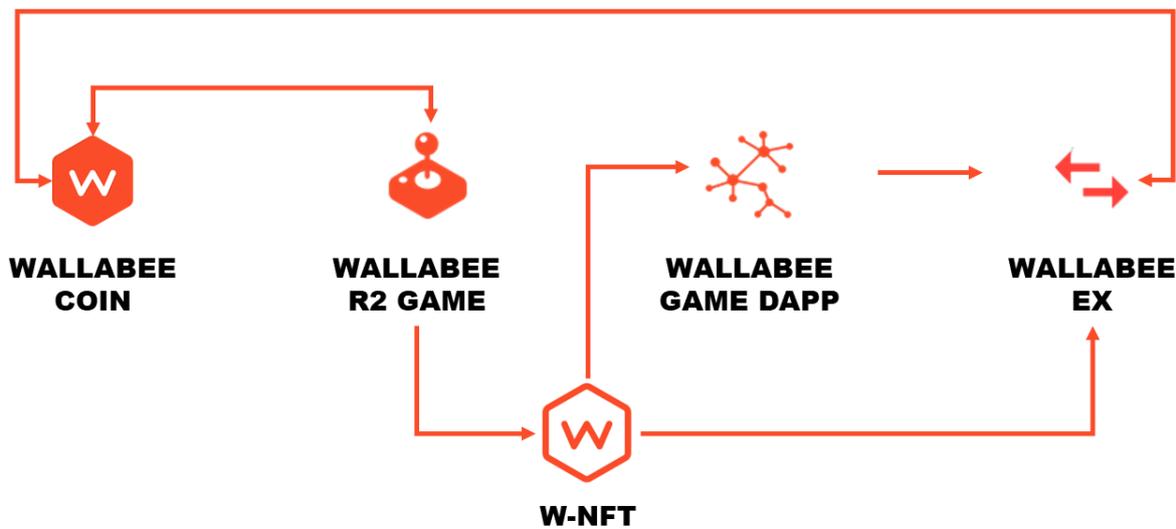
W-NFT offers services companies that offer digital assets based primarily on online games or online, an opportunity to expand their new digital assets.

With WALLABEE R2 GAME, the supply and spread of their digital assets, the WALLABEE GAME DAPP increases the utilization of digital assets to demonstrate the increase in value of digital assets within the ecosystem, and the WALLABEE EX enables additional revenue for distribution and certification of digital assets.



In particular, WALLABEE EX provides a platform for providing digital asset providers with some revenue opportunity from digital asset transactions monopolized by traditional 3rd-party services by providing share and development support for transaction fees to ensure additional revenue for many developers and service IPs who wish to participate in the WALLABEE ecosystem.

WALLABEE PLATFORM has the following process to implement the solutions described above



For each component, the following chapters will explain it in detail.



2.2. WALLABEE R2 GAME



WALLABEE R2 GAME originated from the technical curiosity of being able to control offline arcade games or various robots online, and the question of how these results could be linked to a real business model.

In particular, efforts for online service of arcade games have been made by many other companies besides WALLABEE. In Japan, the leader in offline arcade games, many projects tried to online offline games, and many projects succeeded as business enemies with online games. Services like Torba and Akiba CATCHER in Japan have been serving for a long time.

These services have addressed some of the limitations of offline arcade games described earlier in the WALLABEE process and have presented new business operations.

But even those companies that offer services first don't fully address what we're worried about.

While previous offline-online arcade game companies have solved the problem of time/space/accessibility, they haven't overcome the service or business limitations of



offline arcade games by providing the same operations and services of existing offline arcade games.

Therefore, WALLABEE R2 GAME combines more advanced IoT technology, real-time video transmission technology, blockchain technology, hardware technology and network technology to provide new solutions that can't exceed the existing offline-online arcade games to further advance and overcome limitations.

1) Remote Control Technology

WALLABEE R2 GAME controls an arcade game console offline in an online environment based on remote control technology.

The remote control of the WALLABEE R2 GAME is based on GIGA Internet technology, a high-speed Internet environment, and Internet technology. WALLABEE remote control technology is controlled by a network based on the GIGA Internet that connects directly to the hardware responsible for remote control to the offline arcade game console through various security installations.

Based on IoT technology, remote control hardware controls offline machines by transmitting signals sent online in real time to offline machines.

WALLABEE R2 GAME's remote control technology is a comprehensive IoT technology that



enables offline machines to operate in real time using PCs or smartphones online in a web/mobile environment.

2) Real-time image transmission technology

One of the key elements of WALLABEE R2 GAME, real-time image transmission technology is as important as controlling machines offline. This technology provides visual effects such as playing games in front of offline arcade game consoles, so that there is no difference between offline experience and online usability.

Real-time video transmission of WALLABEE R2 GAME is a solution that is based on WebRTC technology and based on GIGA Internet network environment and media server management technology. Based on this technology, game players using WALLABEE R2 GAME can experience offline arcade games in front of their eyes.

3) Multi-Aware Sensor technology

The popular offline-online arcade game service offers a single target for only one machine. This is because you can't separate the types of objects that come out of the machine and simply check if they are successful.

WALLABEE R2 GAME provides a multi-recognition sensor technology to identify different types of objects even if multiple objects are provided to a game machine. It's a technology that can double the fun of a game while providing a variety of services based on a technical



foundation that can deliver a variety of results from a single game device.

4) Blockchain technology

WALLABEE R2 GAME utilizes blockchain technology to provide more services and benefits to users and game players

WALLABEE R2 GAME is available using WALLABEE COIN, and unlike other offline-online arcade game services, WALLABEE COIN rewards you for your game success.

Typical offline arcade games or offline-online arcade games provide customers with their own objects(goods likes dolls) inside the game console or by shipping them to their customers. This is a limited area of service that WALLABEE PLATFORM has previously been concerned about and does not meet the needs of a variety of customers.

WALLABEE R2 GAME has established a more diverse reward system with WALLABEE COIN.

In other words, you can offer different rewards for different cases that can occur in the same game, and you can get products that you don't want to get, and even improve your disappointment with the game rather than the joy of success.

Rewards for all games can be clearly notified to users or game players before the game, and success for the game can be at least in the direction they wish. This is possible because WALLABEE COIN is applied to WALLABEE R2 GAME. And we can reduce all the risks and costs that occur after the success of the game, such as shipping the successful product to the game player, losing the product that is delivered to the game player, or receiving the



product that is requested and other products, so it can be provided to users and game players who participate in the WALLABEE PLATFORM and platform, which can be turned to the benefit of all ecosystem participants.

WALLABEE R2 GAME uses blockchain technology to provide different compensation systems for W-NFT separately from WALLABEE COIN.

W-NFT is a technology that identifies and attests the ownership, transaction details and characteristics of each unique W-NFT with NFT(non-Fungible Token) using the blockchain ERC-721 standard.

WALLABEE R2 GAME allows game players to choose W-NFT instead of WALLABEE COIN. Or you can choose the WALLABEE R2 GAME that gives W-NFT.

W-NFT is available on the WALLABEE GAME DAPP and can be traded with other users on WALLABEE EX.

Utilize WALLABEE COIN and W-NFT to provide billing and compensation for WALLABEE R2 GAME.

WALLABEE R2 GAME combines the aforementioned 1) remote control technology, 2) real-time image transmission technology, 3) multi-recognition sensor technology, and 4) blockchain technology to provide differentiated services from the offline-online arcade game service prior to WALLABEE R2 GAME. This is the most basic process of WALLABEE PLATFORM, which serves as a starting point for WALLABEE GAME DAPP and WALLABEE EX



as an ecosystem-centric service of WALLABEE PLATFORM.



2.3. WALLABEE GAME DAPP



WALLABEE PLATFORM starts the process with WALLABEE R2 GAME.

WALLABEE GAME DAPP is a service that can actively utilize W-NFT obtained from WALLABEE R2 GAME in the second stage of WALLABEE PLATFORM, which can help to grow W-NFT and increase its value. WALLABEE GAME DAPP refers to a variety of games or services, not a single service.

WALLABEE GAME DAPP maintains its own services and provides critical key resources or capabilities through WALLABEE R2 GAME.

WALLABEE R2 GAME provides WALLABEE GAME DAPP with various elements based on W-NFT, including characters, items and points, to complement each other.

WALLABEE R2 GAME can enable the game itself and broaden the user's contacts, and WALLABEE GAME DAPP uses WALLABEE R2 GAME to address the probabilities or pitfalls mentioned in the previous core WALLABEE process.

The most representative thing about WALLABEE GAME DAPP is online games.

Online games are the best service for WALLABEE R GAME and W-NFT. You can acquire and use characters, items, and points of online games from WALLABEE R2 GAME, and trade W-NFT with WALLABEE EX, which has changed to high value.

So the WALLABEE GAME DAPP works like a lubricant that further increases the value of



WALLABEE PLATFORM and drives the ecosystem.

In particular, WALLABEE PLATFORM not only develops WALLABEE GAME DAPP on its own by playing an important role in the growth of W-NFT, but also supports the participation of various game developers, Web service developers, iPhone/Android app developers and developers by providing the SDK.

WALLABEE GAME DAPP can enhance service by connecting directly to WALLABEE R2 GAME, or provide W-NFT acquired from WALLABEE R2 GAME by providing WALLABEE PLATFORM with its own game characters, items and points.

WALLABEE PLATFORM fully supports exchanges with these diverse WALLABEE GAME DAPPs, enabling a wide range of services and games to enter WALLABEE PLATFORM.

It's not just for WALLABEE R2 GAME, but it's also a great driving force to create the development of each external developer and developer, and it's a great opportunity to drive each successful revenue generation.

Especially, W-NFT created by a combination of WALLABEE R2 GAME and WALLABEE GAME DAPP can be the starting point for a new market where WALLABEE EX can create new value.

This WALLABEE GAME DAPP can also help users and game players in WALLABEE PLATFORM.



The WALLABEE GAME DAPP is designed to allow users or game players to actively grow and increase the value of the rewards earned in the WALLABEE R2 GAME while enjoying another fun.

By providing fun and value enhancement to users and game players, WALLABEE PLATFORM is responsible for the important functions of membership.



2.4. WALLABEE EX



WALLABEE EX is responsible for providing W-NFT and WALLABEE COIN to WALLABEE PLATFORM users and new incoming users.

WALLABEE EX provides a primary way to create W-NFT transactions that make the values created by WALLABEE R2 GAME and WALLABEE GAME DAPP recognized and realistic.

It acts as a 3rd-party broker of digital asset transactions in the traditional online game market, while distributing the value that developers deserve, and allowing users and game players to be more reliable, transparent and official.

Secondarily, it provides the ability to maintain stable and sustainable trading and growth of the WALLABEE PLATFORM, and enables convenient gaming participation by new entrant users of WALLABEE R2 GAME

WALLABEE EX offers wallets with access to W-NFT, WALLABEE COIN and other cryptographic bills. WALLABEE EX's wallets are linked to the member policies of WALLABEE R2 GAME and WALLABEE GAME DAPP so that W-NFT and WALLABEE COIN traded on WALLABEE EX can be used immediately without a separate verification procedure.

This enables convenient application in WALLABEE R2 GAME and WALLABEE GAME DAPP using API and SDK provided by WALLABEE PLATFORM. In particular, WALLABEE PLATFORM actively supports the developer guide so that it can realize various services and ideas from



various WALLABEE GAME DAPP developers and developers.

WALLABEE EX not only makes WALLABEE PLATFORM more accessible to users, but also helps users and game players value and trade products with each other, and serves as WALLABEE GAME DAPP developers and developers in the final phase of the WALLABEE PLATFORM, where compensation for their legitimate services can be made.



2.5.WALLABEE COIN



WALLABEE COIN plays an important role in the circulation structure of WALLABEE PLATFORM.

WALLABEE COIN is required to use various services at WALLABEE PLATFORM.

◆ WALLABEE COIN ways to use

- WALLABEE R2 GAME means to secure the right to use
- WALLABEE R2 GAME Ways to pay for compensation
- W-NFT exchange and purchase means of trade
- WALLABEE EX-Using crypto-asset
- WALLABEE PLATFORM online game service (WALLABEE PLATFORM Dapp) means of using

WALLABEE COIN is listed on the global cryptographic currency exchange and an ICO/IO with the launch of WALLABEE PLATFORM's service.

WALLABEE PLATFORM users and game players can obtain WALLABEE COIN through the exchange and WALLABEE PLATFORM.

The WALLABEE COIN obtained is used as a means of payment for WALLABEE R2 GAME and



WALLABEE PLATFORM services (such as game points and game fees).

The WALLABEE COIN is also used as a means of compensation for WALLABEE R2 GAME.

WALLABEE R2 GAME has a wide variety of games played on different game machines. A game player with a WALLABEE COIN can pay the specified WALLABEE COIN and use WALLABEE R2 GAME in each game. Each game device provides an explicit release of various types of difficulty and rewards.

WALLABEE R2 GAME offers various types of compensation, including single compensation, multiple compensation, and multiple compensation, on a single game device.

Basic rewards in WALLABEE R2 GAME are provided in WALLABEE COIN.

Players can use the compensated WALLABEE COIN to use other services from WALLABEE PLATFORM or exchange WALLABEE COIN via the exchange.

However, some games of WALLABEE R2 GAME may be used as a means of WALLABEE PLATFORM service, and rewards may be paid in addition to WALLABEE COIN as a character, item, and other compensation.

So WALLABEE COIN has the most fundamental and most important role to play in maintaining and operating the WALLABEE PLATFORM ecosystem. Within the framework of a market economy between users who want to play games and users who want to exchange game rewards, the ecosystem of WALLABEE COIN will be formed, which will serve as a link



between the supply and demand of WALLABEE PLATFORM and the exchange where WALLABEE COIN is listed.



2.6. W-NFT



W-NFT plays a role in increasing and expanding value within WALLABEE PLATFORM.

W-NFT is a Non-Fungible Token (NFT) based on the ERC-721 standard of the Ethereum platform. NFT means an irreplaceable token, so each token has its own value. Based on the ERC-721 standard, W-NFT can develop all characters created by WALLABEE PLATFORM to have their own value, so that users or game players can grow their characters through the WALLABEE GAME DAPP to make them more valuable.

W-NFT is essentially dependent on each WALLABEE GAME DAPP and can grow and change in each WALLABEE GAME DAPP. The first W-NFT is worth it, but users or game players can change their characters in the direction they want, increasing the value of WALLABEE GAME DAPP.

Basically, W-NFT can be supplied indefinitely. However, to avoid damaging the value of your character, WALLABEE GAME DAPP can limit the overall supply of W-NFT used on that Dapp.

W-NFT has value for each character, while allowing users or game players to exchange and trade within the Ethereum platform.

W-NFT will participate in the service or technical cooperation at WALLABEE PLATFORM, which is basically available for trading on WALLABEE EX and can also be traded on global



NFT character exchanges or auction houses such as OpenSea (opensea.io).

W-NFT is typically a popular element in the online game market (character, item, point, etc.) but can also be used as a number of works (music, publication, image, point, etc.) expressed as digital assets.

WALLABEE PLATFORM will maintain partnerships with various WALLABEE GAME DAPP and various developers to maintain or increase the value of W-NFT through WALLABEE EX, and develop wide application of WALLABEE PLATFORM to enable many users to participate in the NFT trading market.



3. Advantage of WALLABEE

WALLABEE PLATFORM has the following benefits

- Extending the limits of offline arcade games
- Circulation of value
- Win-Win strategy structure of diverse ecosystem participants

1) Extending the Limits of offline arcade games

In the 2010s, Japanese online service companies made a lot of efforts to convert offline arcade games to online. Thus, they established an offline-online arcade game business in which we can access offline arcade games online, pick out, and ship out dolls. It has now developed into an industry that grows into a market of more than 100 billion won a year in Japan.

Currently, the offline-online arcade game industry has only improved the way users access the game, while the other part remains in the process of following through online arcade game business structure.

WALLABEE PLATFORM has implemented a business model by expanding the limitations of existing offline arcade games to larger businesses, including the introduction of advanced technologies in offline-online arcade systems, expansion of business scope through the



introduction of blockchain technology, connection with external businesses such as service Dapp, and a window for realizing values such as character exchanges.

2) Circulation of Value

Online game makers were just watching various digital assets, including characters, items, and points expressed in the games they produced, being traded among users through 3rd-party service businesses, a space outside of their games. Although there were various problems such as fraud or theft, we weren't aware of such problems through unofficial connivance as we could be affected by online games, which are the business of this business, if the users respond incorrectly to their game users.

Online game makers have used methods to make payments based on probability games represented by Gacha (random boxes) for users who participate in the games or for performing events. This has resulted in distrust of probability as a result of the difference between the probability of participation users being disclosed and the rewards they receive, and to address this problem, online game companies have created an unbalanced payment of characters and items in Gacha (random box) regardless of the probability, causing inflation of character and item value within their own game.

WALLABEE PLATFORM presents an alternative to the existing random box problem with WALLABEE R2 GAME, built on blockchain technology and offline-online arcade game technology to solve problems with online games.



Online game companies can participate in WALLABEE GAME DAPP and provide WALLABEE R2 GAME by WALLABEE PLATFORM to prepare customer satisfaction, character, and reward system through WALLABEE R2 GAME, which allows users to reflect their ability and not one-sided notification.

W-NFT also enables online game companies to make illegal transactions of digital assets into official channels recognized by online game companies by linking their characters and items with blockchain technology that can be recognized for their external value.

This means that users who use the game's digital assets created by online developers can safely trade, that the results of the transaction can be immediately reflected in the online game company's services, and that the online game company can earn a certain amount of commission when the transaction occurs. Most importantly, the ability to control digital assets created by online game companies under their control can be the foundation for more new business or service development.

3) Win-Win strategy structure of diverse ecosystem participants

At WALLABEE PLATFORM, a variety of participants are configured to share their respective benefits.

- **Users and game players**

Users or game players can receive more predictable and expandable rewards than other offline-online arcade games because they have more clear and transparent information



than other games, more choices for users to participate in games by identifying game difficulty, and rewards for game success.

Users and game players can get a WALLABEE COIN as a reward, so they can choose based on the level of difficulty of the game, not on the type of reward they will play

In particular, if W-NFT is awarded as a game success reward through WALLABEE R2 GAME, WALLABEE GAME DAPP can make W-NFT more valuable than the initial payment.

- **WALLABEE GAME DAPP**

Various developers and service providers participating in WALLABEE GAME DAPP leverage WALLABEE PLATFORM, making it easy to access new services and rewards systems by investing in simple additional development without the need to develop new blockchain technologies or rewards systems.

And with W-NFT, users or game players can get a separate transaction fee when they do business with each other through WALLABEE EX, so they can design a new business model.



4. Token sale

1) Token Sale

Token Sale is an innovative fundraising method based on blockchain technology. Our token sales and token development process is handled by Hong Kong-based JaenJong Co., Ltd. It is controlled by smart contract deployed based on Ethereum blockchain for the protection and maximum transparency of Token Sale participants.

During the token sale, WALLABEE COIN will be converted to a fixed rate through donated Ethereum. In order to obtain WALLABEE COIN, donors must send Ethereum to the official WALLABEE PLATFORM token sale address. As soon as the purchase is confirmed, the WALLABEE COIN will be automatically sent to the donor's wallet address. However, the transfer is not possible until the end of the WALLABEE COIN sale and the coin is activated.

The token sale will end when the following occurs:

- If the coins distributed in the token sale are sold out
- When the hard-cap is sold out
- Token sale period is completed



2) Token sale Information

- Token name: WALLABEE COIN (WLB)

- Token sale price

Phase 1: 1 WLB = 1 USD

Phase 2: Undefined

Phase 3: Undefined

- Token price

1 WLB = 1 USD

- Total token issuance: 88,000,000 WLB

- Total token sale supply: Total 16,000,000 WLB

- Hard Cap: 8,000,000 USD / Soft Cap: 4,000,000 USD

- Private-sale (Feb-Mar 2020)

- Pre-sale (Phase 1: Mar 2020)

- Token-sale (Phase 2: Undefined)

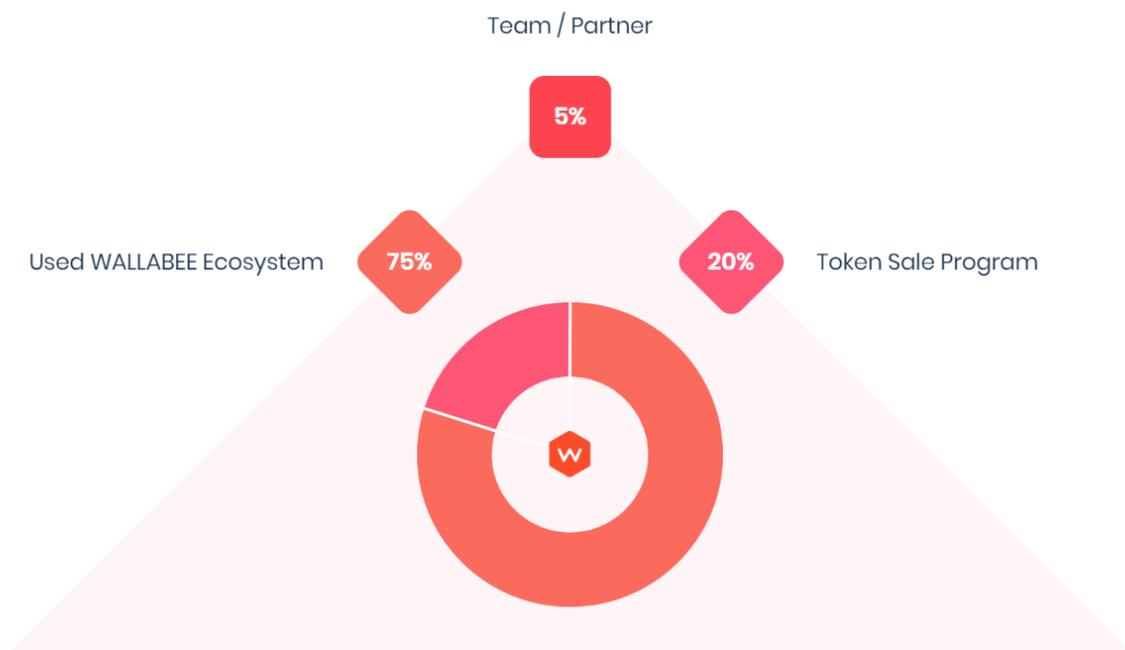
- Token-sale (Phase 3: Undefined)



3) Token distribution

The total token supply will be distributed as shown in the diagram below.

Token sale: 20% / in-platform distribution: 80% / Team & Partner

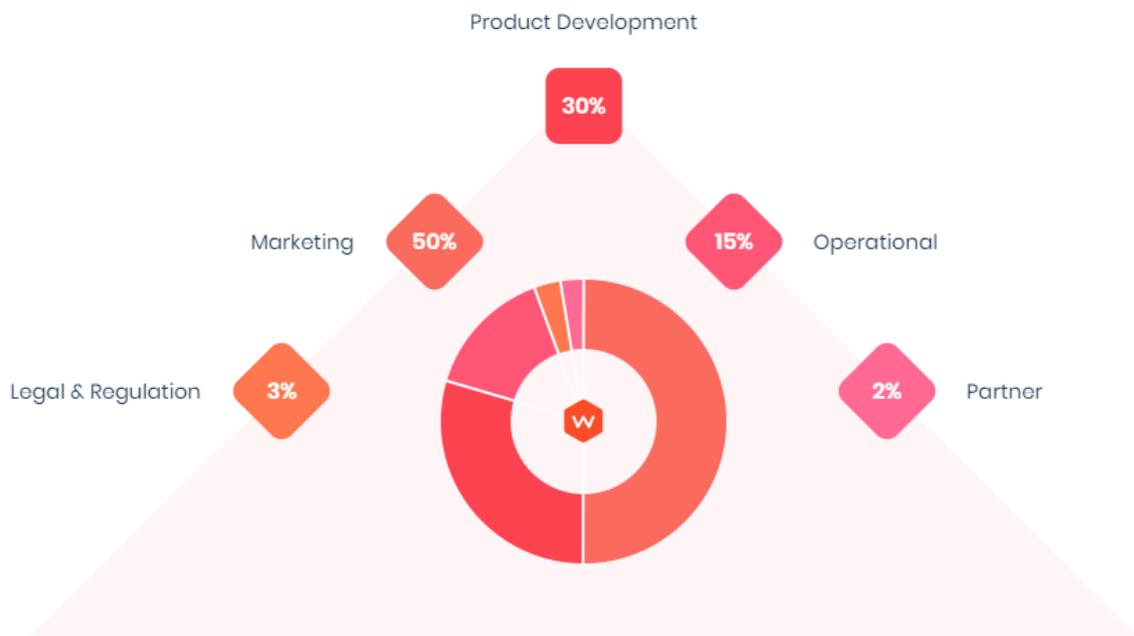




4) Token sale progress assignment

WALLABEE PLATFORM ensures that you do not purchase WALLABEE COIN through its own token sale. WALLABEE PLATFORM is committed to creating successful, reliable services and companies for WALLABEE R2 GAME, WALLABEE GAME DAPP, and WALLABEE EX. So we're going to invest all the donations we get from token sales in a strategic and planned way to achieve the objectives of this project. Most of the funding will be spent on platform development and marketing.

Marketing: 50% / Development: 30% / Operation: 15% / Laws 3%
partnerships: 2%





5. Technical review

1) Blockchain technology

Blockchain is an asset ledger that is distributed and recorded in the order of disclosure, which is a digital ledger used to record transactions processed in the network. The information recorded in the blockchain is transparently released and distributed and stored. Blockchain is designed to be safe because, by nature, the recording itself cannot be changed and can't be modified unless all information is changed at the same

Blockchain is a good technical alternative to storing information in a transparent manner, so that you can gain credibility in storing information about the results, as well as conflict or proof of results.

WALLABEE PLATFORM will use a blockchain technology-based storage technology and a system of compensation using cryptography that has secured technical reliability in various ways up to now to store and disclose all progress using blockchain technology in a transparent and secure manner.

2) Ethereum

Ethereum is a distributed computing platform for implementing smart contract capabilities based on blockchain technology. Ethereum is the most representative blockchain platform built on Bitcoin, and Vitalik Buterin was developed in C++ and Go languages in July 2015.



3) Smart Contract

Smart Contract refers to entering into and implementing various forms of contracts, including financial transactions, real estate contracts, and notarifications, based on blockchain.

Smart contracts will be signed as soon as the terms of the contract on the code are satisfied. You don't have to worry about whether the other party is trustworthy, whether you need a third party to guarantee trust in the middle, or whether the contract has been handled safely.

The whole process is done automatically. Smart contracts are programs that run exactly as programmed without any downtime, censorship, fraud, or third-party interference. No one can change the conditions initially specified because they are written to the blockchain as a code.

Ethereum can be used in a variety of areas, as well as financial payments, as well as execution codes, such as conditional statements and repetitive commands, within the block. So unlike bitcoin, Ethereum can digest a variety of complex contract patterns depending on each business logic.

With the smart contract feature, developers can code the terms and content of the contract themselves, so in principle all kinds of contracts that humans can imagine can be implemented using the Ethereum platform.



4) Ethereum platform

Ethereum is a platform for developing and operating other decentralized distributed applications, called DApp.

Because all cryptocurrency basically works in a very similar way, much of the program source code can be reused equally.

It's efficient to develop new cryptocurrencies without writing new program source codes over and over again each time, but only a few differences based on existing cryptocurrencies.

Vitalic Buterin took this into account, and built the Ethereum platform by bringing together features that are common in different cryptocurrency.

Developers can deploy a variety of distributed applications (DApps) on top of the ethereum platform. This DApp has the characteristics of blockchain, such as anonymity, non-nationality, and decentralization, so it is impossible to control directly in the country, and it has many possibilities, such as signing contracts with each object through smart contracts and having automated economic life.

According to a report by Finance Magnate, an economic news site, as of 2017, a total of 1,090 distributed apps (DApps) and more than 700 cryptocurrency tokens were developed based on the Ethereum platform.

ERC-20 is a standard for tokens made within ethereum.



ERC-20 stands for Ethereum Request for Comments 20. Twenty is the number of requests. Official protocols managed by Ethereum Implementation Proposals (EIPs) that propose improvements to the etherium network. They also write 'ERC20' and 'ERC 20' without a side line (-). ERC-20 is a standard token spec defined on the Ethereum blockchain network. A standard that meets all requirements compatible with the required ethereum is considered ERC-20. ERC-20 tokens are interchangeable with ethereum and can be transferred to the ethereum wallet.

To facilitate compatibility and management, tokens also follow certain standards. By following the standards, you can increase interactions between DApps and reduce the likelihood of errors and bugs when integrating between different tokens. ERC-20 supports alternative cryptocurrency.

5) Dapp (Decentralized Application)

DApp is an abbreviation of a Decentralized Application, which is a decentralized distributed application that operates on platform coins such as Ethereum, Qtum, and Eos. It's also called a simple decentralized app.

DApp is an application that operates on a blockchain basis. Simply put, if it's an ethereum-based DApp, you understand that the data that the DApp interacts with is an application that is written and recalled in the ethereum blockchain.

There are now about 3,000 of all the DApps operating in ethereum, eos, steam, and so on.



Compared to more than 2.2 million apps in Apple's App Store alone, it's a very humble number, and less than 40 percent of all apps are users of real life-friendly applications, excluding games, exchanges, and gambling.

The difference is that the DApp runs on an operating system based on a smartphone blockchain. The iPhone uses the iOS operating system (OS) and the Galaxy uses the Android OS. Think of blockchain as this OS. Depending on which block chain is operated, it can be divided into ethereum DApp and eos DApp and so on.

The concept of DApp is still in its early stages. It's difficult to describe the same thing in a single line, with a specific definition unsuitable for all attributes that an application creates as a distributed application. With a DApp, the application must display the following four characteristics,

Decentralized structure: DApp is open to anyone who needs the source code for OS development.

Excellent privacy: Data is recorded in the blockchain, so it's safe to store.

Open Source: The most important attribute is that these apps must provide everyone with a core source code. The key feature of a DApp is autonomy and unanimous, which basically requires everyone or most of the users to decide the changes. The code must also be



checked out by all users.

Distributed nature: As the name suggests, distributed applications store everything in distributed blockchain or all encryption technologies to store applications from the risk of central authority and emphasize autonomy.

Incentivation: Because the app is based on distributed blockchain, the record validation on the network must be compensated/incentive in the form of an encryption token or digital asset with value.

Algorithm: Distributed Apps require a consensus mechanism to demonstrate value in their encryption system. Essentially, it creates agreed protocols that give the password token value and that the user has agreed to create an important password token.

6) ERC-721

ERC-721 is a standard for NTT, known as certificates. NFT stands for Non Fungible Token, which means an irreplaceable token. So the tokens issued in ERC-721 are irreplaceable, and they all have their own

ERC-721 is used more in games than in the token itself, and a typical example is CryptoKitties. Each of the Kryptonite cats has a different look. So the only cat you have in the world is the only cat you have.

The Cryptokitty utilized the ERC-721 feature called collectible tokens. ERC-721 allows tokens to be a collection that can be shared within a DApp and that can affect future NFT



generation. Users enjoy collecting the only cat in the world. NFT is available for unlimited supply, with most de-app projects limiting the overall supply of NFTs to prevent damage to their value.

ERC-721 is a free public standard that describes how to create an irreplaceable or unique token in an ethereum blockchain. Most tokens are replaceable, but not all ERC-721 tokens are replaceable.

On June 21, 2018, ERC-721 was finally accepted for the Ethereum Platform, meaning there is considerable support among those who are interested in it. The most successful application to date is the game that edifies cats. Cats are recorded by default as ERC-721 tokens. The ERC-721 token must implement the proposed ERC-165 interface. This standard allows detection of interfaces implemented by contracts. This is very useful because you can detect the interface that the token implements and adjust the method/code to interact.

7) The difference of ERC-20 and ERC-721

ERC-20 token: It was the most popular token in 2017. ERC-20 tokens are the basis for most token issuance that we generally deal with on the exchange, because they support alternative cryptocurrency. The meaning of 'replaceable' is easy to think of 'money'. For example, both the 1,000 won bill that you have now and the 1,000 won bill that someone else has now have are of the same value. The same is true of giving it to others. All tokens issued as ERC-20 tokens have this 'replaceable' feature.



ERC-721 Token: The ERC-721 Token has an 'unreplaceable' feature as opposed to the ERC-20 token. Simply put, every token issued in ERC-721 has its own value. For example, Cryptokitti does not have the same cat all over the world. All different cats are meant to be made, and the prettier cats are sold for high value in the market and the less valuable cats are not worth selling. This is a clear difference from the ERC-20 token, such as OmiseGO, which has the same value for any token.



6. Road Map

- WALLABEE Global Services (including Korea) Open in March 2020
- WLB (WALLABEE COIN) Global Exchange List in March 2020
- Opening Offline Showroom with Danal Entertainment in March 2020
- WALLABEE GAME DApp Open in June 2020
- WALLABEE EX for W-NTF Open in the second half of 2020
- Opening WALLABEE EX for Cryptocurrency in the second half of 2020



7. Team

Lee Jae-Hyun

CEO

IT / Blockchain / Game

JEANJONG CO., Ltd. CEO

SuperBee CEO

Jaensoft CEO

Ahnlab Inc.

18 years experience

Lee Jong-Hoon

COO

IT / Blockchain

Timelabs CEO

Jaensoft Planning

Director

ICONIC Interactive

ICGist

20 years experience

Lee Sang-Yong

CDO

Product Design /UX Design

WeMake Design team
leader

Meta4Design
Consultant

19 years experience

Kim Ho-Dong

CTO

IT / Blockchain / IoT

Waff CTO

Marketing Professional
App development

Developing Multiple IT
Services

16 years experience



Kim Hak-Bum

CSO

Plan / Marketing

Mobile Payment Company

Perples (Yellomobile) CBO

CNET KOREA

20 years experience

Lee Jun-Yong

Head Developer

IT Service

Waff Development team
leader

Marketing Professional
App development

Developing Multiple IT
Services

13 years experience

Kim Min-Jae

Game PD

GAME Planning

Aeovis Game designer

Treenod Game PD

Netmarble Game designer

rabbitory PD

nvius Moblie Team leader

Nexon mobile Game
designer

15 years experience

Lee Hyung-Suk

Game Design

Game Design

Wemade entertainment

Actozsoft

Hanbitsoft / T3

19 years experience



Lee Won-Joong

Marketing

IT Marketing

Multiple Online Marketing
Progress

Seoul-Semiconductor SCM
team

11 years experience

Park Sin-Woo

Developer

Front/Backend/
Algorithm/Blockchain

exem

POSTECH Mathematics

4 years experience

Kim Kyong-Han

Game Design

Game Design

Five star games

Gonggames

9 years experience



8. Compliance and Security

WALLABEE COINs are utility tokens that function within the WALLABEE PLATFORM. WALLABEE COIN is not entitled to security because this coin has no right to share dividends or profits and cannot request repurchase of this coin. Moreover, WALLABEE COIN is not a stock and does not give you the right to participate on the WALLABEE PLATFORM Board.

WALLABEE COIN is not intended to be a speculative investment. The future value created by the WALLABEE PLATFORM's trust cannot be guaranteed, including intrinsic value, ongoing payments, and the WALLABEE PLATFORM's continued value. Everyone who purchases WALLABEE COIN has reviewed this white paper carefully and fully understands and explicitly acknowledges the risks, costs and benefits associated with purchasing WALLABEE COINs.

Acquiring and storing WALLABEE COIN carries a lot of risks, especially when the WALLABEE PLATFORM fails to operate or cannot deliver the promised services.

Therefore, before purchasing a WALLABEE COIN, the user should carefully consider the risks, costs and benefits of buying a WALLABEE COIN in relation to the sale of the coin and seek further advice if necessary.

Persons who can't accept or understand this risk (risk of a less advanced WALLABEE PLATFORM) or fail to accept the risks specified for the token sale should not earn WALLABEE COINs.



9. Social responsibility

We are committed to responsible games. We want the WALLABEE PLATFORM to remain a stage for fun and relaxation, so we will give users many options to control their passion. For example, users or game players set their game limit every day, every week. You can decide monthly (they can't change the limit within 48 hours after they change it).



10. Contact details

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