Lucky ETH White Paper

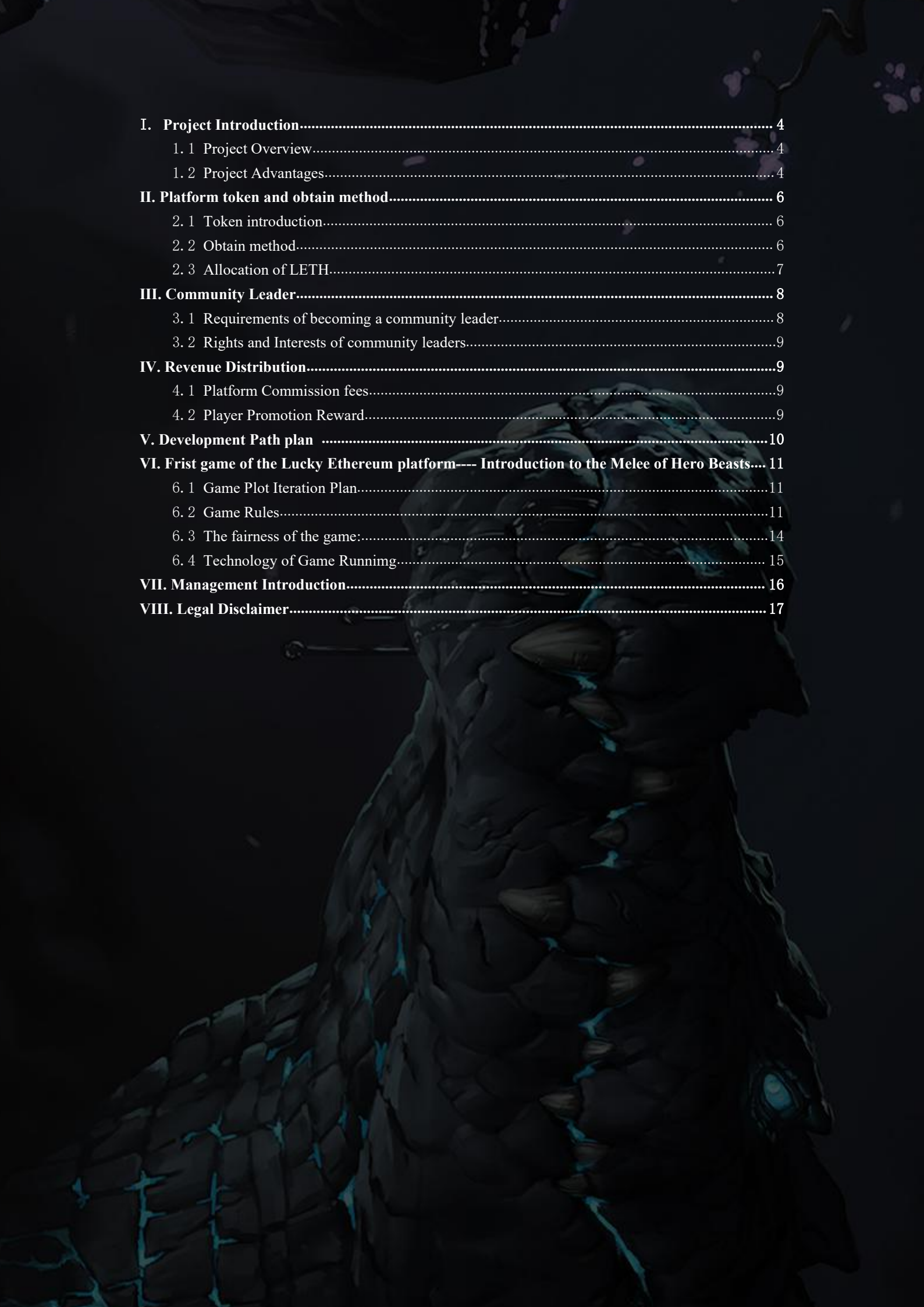**Game platform based on Ethereum Ecosystem** www.luckyeth.vip

Preface

Lucky Ethereum names as Lucky ETH. The vision is based on the fairness, opening and justice of the underlying technology of the block chain. It is built in the Ecosystem of Ethereum and combines the rich experience of gaming IT development of the team to solve the risk of the original APP players and DAPP players. The name "Lucky" brings the light of the lucky to the players, allowing players to participate more easy minded, relaxed and confidently, and focus on experiencing the joy and rewards brought by the game. Lucky Ethereum is committed to becoming the world's largest Ethereum community gaming platform.

Lucky Ethereum is a game platform based on Ethereum's Ecosystem development to co-share the benefits and co-manage. It combines a variety of fun and entertaining games for players to participate. Compared with other game platforms, Lucky Ethereum uses block chain encryption algorithm and Bancor mechanism, combined with uncontrollable variables and random probability principle, to add an insurance to the original fair random probability model to ensure the game fair and justness.

Lucky Ethereum is a game platform based on Ethereum's Ecosystem development to co-share the benefits and co-manage. It combines a variety of fun and entertaining games for players to participate. In addition, the lucky Ethereum game platform will also provide game technology interface for game developers, will have more mature gameplay access to the platform to enrich the player's operating experience, traditional games combined with block chain technology uncontrollable variables and random probability principle. It adds insurance to the original fair random probability model so as to ensure the fairness and justness of the game.

Based on the team's rich experience in game development, Lucky Ethereum will provide players with a variety of entertainment games, including but not limited to plots, development, puzzles, arcades, shooting games, etc., involving game fairness and the corresponding assets owned by the players are based on the block chain technology to achieve complete fairness and justice, so that players can truly control their game data and corresponding value.

I. Project Introduction

1. 1 Project Overview

Lucky Ethereum is a high-performance Ethereum block chain smart contract, a block chain game platform that is co-managed by the community and shares revenue with the community, and will launch the world's first iterative game application based on Ethereum eco-design. - The fighting beasts.

The iterative development of the plot is divided into three major stages: 1.0 beat eggs, 2.0 beast born from eggs, 3.0 hero beast dual, using beautiful and exquisite style, set probabilistic quiz, cute pet beast collection, cultivation, semi-turn-based system RPG, the beast social PK, more than ten kinds of beasts need to be woken up, the tens of millions of initial reward pool waiting for the player to divide, and will bring rich game profits to the community leaders. Say goodbye to the routine probabilistic games such as scorpion, guessing, and poker. Beyond the similar development game, we use block chain to solve the game black hole of the traditional game black-box operation, and present a panoramic game entertainment for the player to enjoy.

At the same time, the lucky Ethereum support platform will also launch a game developer's eco-construction plan, which will be reviewed in the form of public voting in the Ethereum eco-community to build high-quality block chain game projects developed by other game teams. A variety of entertainment games, providing players with a wealth of quality game projects.

Lucky Ethereum (luckyeth.vip) is committed to becoming the world's largest Ethereum community gaming platform.

1. 2 Project Advantages

Fortunately, Ethereum has solved the shortcomings of traditional entertainment platforms and other online cryptocurrency game platforms such as platform fees, slow deposit/withdrawal and lack of trust. It uses a fair and verifiable decentralized consensus algorithm, which is different from traditional game platforms. Players who are also shareholders provide players with a unified login entry, use the same player account, support the same platform pass-LETH, platform advantages for unified settlement, clearing every game turn (period), eliminate black-box operation, avoid hacking Game results. Allow players to share the rewards and profits of participating games in real time, and achieve common governance of the platform. We believe that the value of the platform is created by the households, so the platform profits are returned to the holders of the platform and the prosperous community of the lucky Ethereum.

In addition, in order to improve the fairness of the game and bring a good gaming environment to the players, the lucky Ethereum platform will implement the

Community Governance Regulations, regularly conduct count malicious users in the community and other reporting channels, and announce the blacklist users by referring to the Snapshot statistics of the Ethereum main network. Through sweeping server to regularly grab the blacklist of the entire network, add to the smart contract of the lucky Ethereum, sum up the game blacklist and clean the game ecosystem, the platform refused to participate in any game inside the platform.

In order to expand the scale of platform games, Etheree has launched the Eco-Building Program Awards Policy, which is aimed at all block chain game developers and encourages developers who have successfully launched games on the lucky Ethereum platform. Through the game selection in the Ethereum eco-community, the user will openly vote for the alternative online game. Fortunately, the Ethereum audit team will be based on the user's expected on-line development project scale, team experience, development progress, etc. Conditions, for the approved game developers to provide up to 500W - 1000W LETH platform support, can be used for, but not limited to, after the game online marketing, player airdrop plan, initial prize pool construction and other platform support, help lucky Ethereum platform game developers on the game to be more focused on developing good new game content.
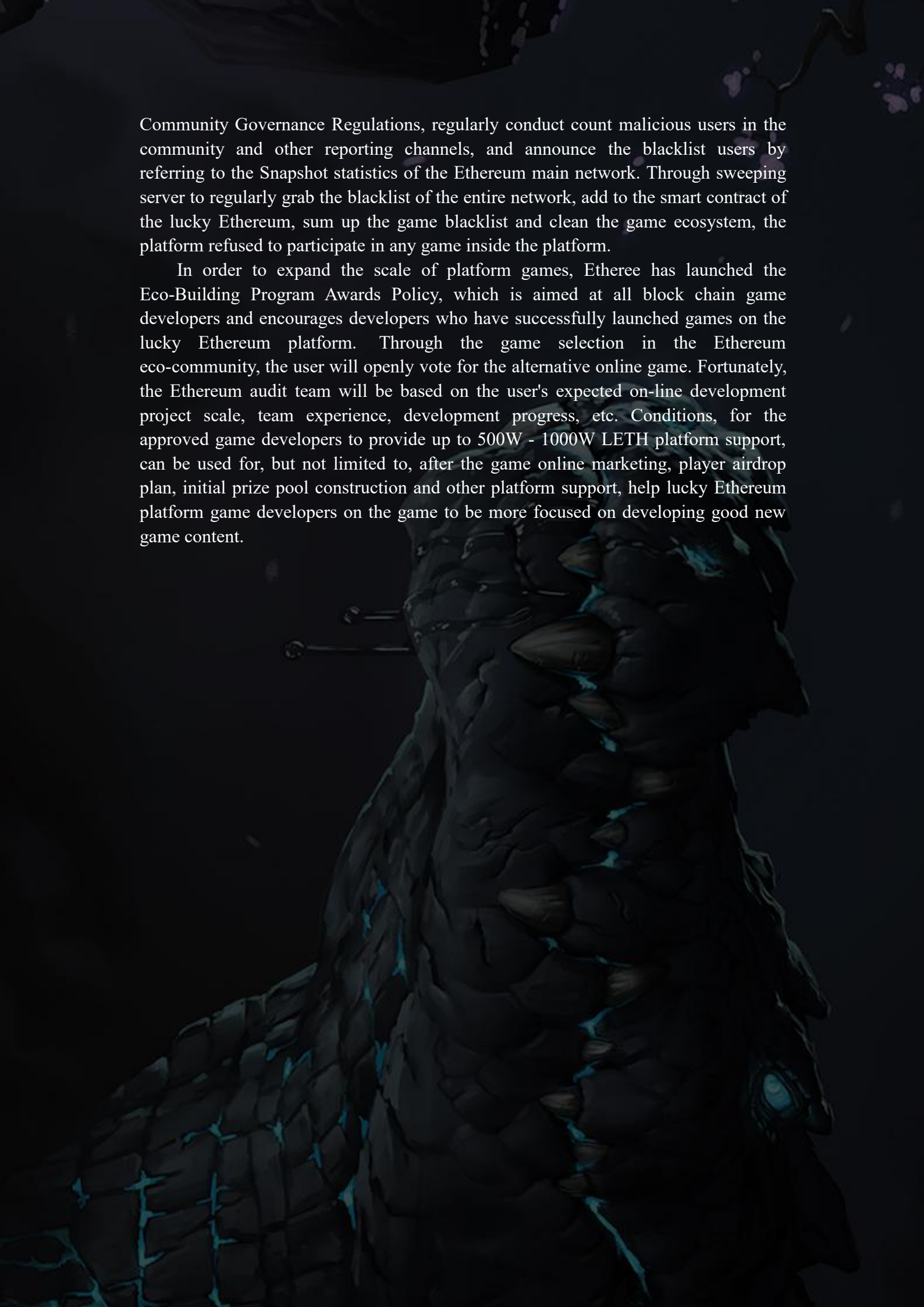
II. Platform token and obtain method

2.1 Token introduction

LETH is the Token universal certificate for the lucky Ethereum platform. The total initial supply is: 1,000,000,000 (1 billion).

2.2 Obtain method

1） Make a purchase at Exchanges;
2） Obtain token by participating in platform games;
3） Invite rewards;
4） Obtain token by becoming a community leader;
5） Airdrop reward from eth ecosystem community
6） Obtain token from the auction items in the platform game mall
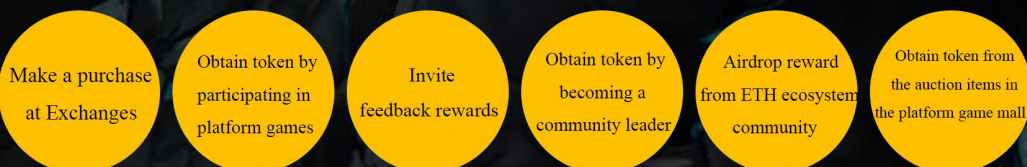
2.3 Allocation of LETH

In order to ensure the good operation of the platform, the platform will set up community leaders (see the third part on the next page of this white paper), and reserve for product development, community construction and maintenance, and reward the initial teams, as specified below:

1）Community Leadership Development Fund (10%): 100,000,000 LETH

Community leaders contribute to the convenience of the operation of the Ethereum platform, the construction of the lucky Ethereum platform, which will be locked in the lucky Ethereum platform. When community leaders need the fund for community operations, the platform submit an application for unlock.

2）Game Ecology Construction Fund (80%) 800,000,000 LETH

The Game Ecology Construction Fund is used for the technology development of the Ethereum platform, operation and maintenance of node server, business cooperation, project incubation, project investment, marketing promotion, community airdrops and the improvement of the Lucky Ethereum ecosystem. The use of this part of the funds requires a resolution from the foundation and advanced publicity.

3）Startup Team Award Fund (10%) 100,000,000 LETH

The Startup Team Reward Fund is used to reward the initial team and the development team. Lucky Ethereum platform started unlocking gradually after 12 months it was launched. With 0.5% unlocked every month, it will be fully unlocked in 20 months.
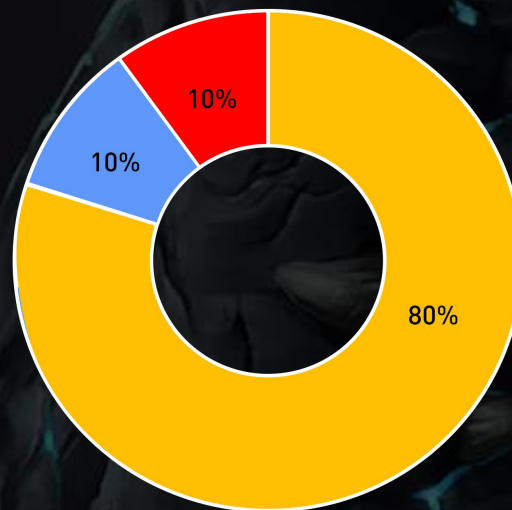
III. Community Leader

Apart from providing a decentralized, safe and fair free online game service for all players, Lucky Ethereum also serves as a highly autonomous community-based operation platform that is jointly managed and its revenue is shared by the community. Lucky Ethereum platform will designate a certain number of community leaders, composed of block chain seniors, Ethereum believers, senior game developers, and technology masters, through their joint efforts to help the Lucky Ethereum platform to become the world's largest Ethereum community gaming platform. As the core organization of the Lucky Ethereum game platform, community leaders will lead the maintenance and operation of platform, assume the responsibility of developing the community in an orderly and united way, and enjoy certain rights and interests.

3.1 Requirements of becoming a community leader

1） Need to buy a certain amount of LETHs;
2） An operation team has extensive online gaming experience;

3.2 Rights and Interests of community leaders

1） Revenue distribution of the Colosseum (Hero Beasts Duel)
2） Voting rights and referral rights for all major events of Lucky Ethereum game platform, such as incubation game project and online games voting;

IV. Revenue Distribution

4. 1   Platform Commission fees

The Lucky Ethereum platform collects only 5% of winning bonus from the players for each game as platform revenue. Part of the revenue will be used to guarantee platform's sufficient bandwidth, storage and computing power, to build platform service nodes to ensure that the platform is expanded to consistently meet the needs of players, and continue to provide revenue for LETH owners.

4. 2   Player Promotion Reward

The Lucky Ethereum platform will launch a promotion program that will generate good revenue for users. Each game on the platform will set up the player's promotion reward, that is, any player who invites a new user (never registered on the platform), can get LETH as a reward. The bonuses for the promotion plan will be generated from 5% of the Platform Commission Fee.

V. Development Path plan

- Q4 of 2018 The Lucky Ethereum platform project set up
- Q1 of 2019 Research and Game Development of the Lucky Ethereum platform
- Q1 of 2019 LETH launch in the Exchange (to be determined)
- Q2 of 2019 Research and choose of the first game characters and scenes for the Lucky Ethereum platform
- Q3 of 2019 The principle of game technology building and multiple rounds of internal testing
- Q4 of 2019 The Lucky Ethereum platform officially launch, the first game - the Melee of Hero Beasts 1.0 Egg beating launch
- Q1 of 2020 The Lucky Ethereum platform open the game technology interface, and review games to be launched on the platform
- Q2 of 2020 The Melee of Hero Beasts 2.0 the Hero Beast   launch
- Q3 of 2020 The Melee of Hero Beasts 3.0 The Hero Beasts Duel   launch
- Q4 of 2020 Invest and incubate more novel and fun games

VI. Frist game of the Lucky Ethereum platform---- Introduction to the Melee of Hero Beasts

The Melee of Hero Beasts is the first plot DAPP game to be launched on the Lucky Ethereum platform based on the Ethereum ecosystem design. The lucky Ethereum team self-developed the quality game and divided it into three major stages: 1.0 Beat eggs, 2.0 Hero Born from eggs and 3.0 The Hero Beasts Duel. Beautiful and exquisite in style, the game is combined with probabilistic quiz, collection and cultivation of cute pet beasts, semi-instant turn-based RPG, and beast social PK. More than ten kinds of beasts are awakened, and the tens of millions of initial reward pools are waiting for players to divide.

In order to convene the players to join, the Lucky Ethereum platform will use the 50 million LETH from the game eco-construction fund for the initial prize pool construction of the Melee of Hero Beasts game, which will be divided by players joining in the game. When the game was launched and players continuously joined, the initial prize pool will be shrinking. At the same time, the amount accumulated or the amount invested by the players joined afterwards will be added to the bonus pool to provide a continuous reward for the players.

6.1 Game Plot Iteration Plan

Plot Iteration of the Melee of Hero Beasts game is divided into three major stages, that are:
The Melee of Hero Beasts game 1.0 Beating eggs
The Melee of Hero Beasts game 2.0 Hero Beast Was Born
The Melee of Hero Beasts game 3.0 The Hero Beasts Duel

6.2 Game Rules

The Melee of Hero Beasts game 1.0   Beating eggs
The Melee of Hero Beasts game 1.0 Eggs is divided into two game modes: the common quiz, defending Of the winner of the stage
● **Game rules of the common quiz**
Rules of playing: The game initially sets a total of 5 quizzes which can select the eggs; a new egg will be generated randomly every 3 minutes. Each 10 rounds constitute a period. Any player who guessed the right egg will be considered a winner. There are two types of rewards in the Eggs: the token reward and the hero beast pet. If the player selects the hero pet beast as the bonus for this round, the egg can be

hatched; if the player selects the pass reward, the bonus of this round will be multiplied.

Lottery time: every 3 minutes is one round, lottery time is when the announcement is made at each round.

● **The game rules for the winner to keep the status:**

Rules of playing: At the beginning, there are totally five optional eggs designed for the competitive guess. There will be a new optional egg every three minutes, and every 10 rounds will be a stage. If players can continuously guess correctly, that is, correct guess for more than one round, and they continuously win nine rounds at most in each stage. When each round publishes draw, eggs can finish guarding the ring of the game, so players can upgrade to be the winner of this stage. As the winner, players will gain 1%, 2% … 8% of the total bonus from the game bonus pool.   If there are several winners at each stage at the same time, then the total amount of bonus pool will be averagely distributed.

Award opening time: Every three minutes will be regarded as a round, each round the egg will be published, which means award opening. If the selected egg is a hero beast pet, then winner can choose to make the egg hatched, or to get an entering license for this round. While the winner successfully keeps the current status, then the bonus of this round will be carved up in proportion.

The Melee of Hero Beasts game 2.0 Hero Beast Was Born

Hero beasts Disorderly Fighting 2.0 Eggs Hatching Beasts game is the extension version of 1.0 Hitting Eggs game. Players make egg hero beast pets hatching and feeding which were hit and claimed at hero beasts Disorderly Fighting 1.0 Hitting Eggs game. The assortment of egg hero beast pets gained from the eggs can be divided into general pets, rare pets, precious pets, top quality pets and divine pets. Hero beasts will grow in turn from Grade c, b, a, and s. Players can upgrade beasts by feeding pets.

The Melee of Hero Beasts game 3.0 The Hero Beasts Duel

Game plots of Hero Beasts Disorderly Fighting 3.0 Hero Beasts Battle are consisted of 1.0 Hitting Eggs and 2.0 Eggs Hatching Beasts. The hero beast pets owned by players can join in the game competition of 3.0 Hero Beasts Battle.

Among that, community leaders can mortgage or use the asset to exchange beast battle arena at the platform. Each community leader can own at least one right to start hero beasts battle according to the quantities of LETH he got. General players can enter beast battle arena to use platform license to participate in the guess for the hero beast battle. He can also send his hero beasts which meet battle standard to enter beast battle arena to battle with other beasts. The playing of 3.0 Hero Beasts Battle includes audience mode, disorderly matching and disorderly swapping.

● **Audience mode**

Audience mode is that the game players not joining Hero Beasts Battle guess the results through viewing the battle on the arena. Besides, the hero beasts participating in the battle should meet the assortments including general, rare, precious, top quality and divine pets, and the grades of c, b, a, s as well as the blood including one to five drops. If hero beasts win at this battle, then players can gain the battle awards, while

other players of audience mode can also gain the game award once they guess the result correctly. Besides, the players of audience mode can judge the rest of hero beast's blood. If this player can guess the result correctly again, they can gain double awards from this battle.

- **The Melee Match Mode:**

Hero beast melee match mode means, after players successfully entering any fighting stage to join the current duel, the system automatically matches a similar power player Hero beast battle team to fight with you according to the combat effectiveness of the players' hero beast battle team. Before the game begins, both of the two sides will have a guess on the result of the duel. The winner of the game will be rewarded with the battle reward invested in this round of melee.

- **The Melee Mode：**

Melee Mode is that players who successfully participate in current duel of hero beast in the fighting stage can initiate the invitation of a melee by clicking the name or image of the opponent player in the server channel. If the invitation is accepted, the Melee Mode will begin. Before the game begins, both of the two sides will have a guess on the result of the duel. The winner of the game will be rewarded with the battle reward invested in this round of melee.

- **The Game Mall:**

When the hero beast Grand Melee Game is upgraded to 3.0 hero beast final, the platform will open the game mall at the same time, including: props mall, clothing mall, weapons mall, hero beast mall etc.　The game mall allows players obtain or provide goods by trading, exchanging, purchasing, auctioning and so on. As sellers, they can exchange goods with the platform common certificate LETH through auction. As well buyers can use the common certificate or other goods to buy or exchange with the opponent players.

6.3 The fairness of the game:

Because all the guesses involved in the game were made through a smart contract on the ETH block chain on the LETH platform, users were unable to compete unfairly. We can guarantee that all of the players can enjoy 100% fair game on LETH platform. The entire platform is fully based on the contract to support the ETH block chain, and every activity of Hero Beast Grand Melee Game is executed on the block chain network and permanently becomes part of the block chain. The irrepressible nature of the Hero Beast Grand Melee Game's contract means that as long as the ETH operating system survives, the contract will remain valid.

The Hero Beast Grand Melee Game is audited by multiple contract security agencies, and the contract invocation history can be queried on the block browser. The LETH platform insists on using block chain technology to guarantee the fairness of the game and protect the rights and interests of the game participants. Its playing method is applied with ETH block-chain technology to make the game results fair, and users can query the game results on the chain. It puts an end to the black case work and cheating on the game platform that all the users hate. Players' transaction

records will be recorded on the chain, ensuring that everyone can examine and verify the records, and LETH will provide transparent game records.

6.4 Technology of Game Runnimg

Currently, the random principle commonly used in Internet and block chain projects is to generate probability by pseudo-random schemes, but the players cannot know the formula and algorithm of the games. Although the projects is random at this time, they cannot guarantee the random results which are able to be calculated by the project party or hackers. It seriously damages the fairness of the games, thus the "revenue" of the players cannot be guaranteed.

● **Principle of random probability:**

A mini game --Beating Eggs--in Hero Beast Fight 1.0, generates a hash value based on the content of a transaction performed by the player on Lucky ETH platform, then intercepts the lower 32 bits of the hash value as the nonce result, finally obtains an unpredictable nonce through the algorithm to judge the result of the game. Since the game result is affected by the hash value, any slight change will affect the award result of the game. For example, the amount, transaction time, transaction number, etc., such records will all affect the random result of the hash value. The nonce obtained from the hash value will be matched to the appropriate range by smart contracts, and then the winning eggs are to be determined in the round. For example, the range of No. 0 egg is 0 - 10000, and the range of No. 1 egg is 10001 - 15000. If the nonce is 9910, the award result in this round will be No. 0 egg.

In this way, Lucky ETH has double-protect the nonce to be fair and private enough, which ensures the fairness of the game. In addition, the hash values will also be recorded on Ethereum chain for publicity. Anyone is able to check the award results through the browser, every player can participate in the game with peace of mind.

● **Bancor mechanism:**

Bancor serves as a decentralized mobile network. Lucky ETH games use Bancor algorithm pricing formula. The calculation is performed by this algorithm which is the core of system design and capacity. As a new standard for cryptocurrency of "smart token", the Bancor protocol realizes the network tokens convert automatically through the calculation by the algorithm.

VII. Management Introduction

Founder Rhys Barton

Graduated from Rochester Institute of Technology. Used to be CMO in bitcoinadvice.com, which is one of the biggest block chain media company in America, senior specialist in block chain field. Engaged in block chain

Technical consultant Muhammad Spencer

Graduated from Pepperdine University. Jointly established the professional software services company Projects Analytics, and served as Chief Technology Officer. Full experience in distributed system architecture and point-to-point transmission technology development. Initial investor of Bitcoin, one of the leaders in well-known Bitcoin community. Predicted the bull market for Bitcoin in 2017.

Consultant Jack Dale

Graduated from Kentucky University Electronic Engineering major, worked in the world's top 500 enterprises ThyssenKrupp formerly, and has rich

VIII. Legal Disclaimer

Any person under the age of 18 is not allowed to participate in the game guessing or gambling.

Users may risk in losses in the game and should bear any risks by themselves. Since the laws and regulations on cryptocurrency, block chain and Dapps are different in different countries, users should ensure their behaviors are legal under the laws and regulations of their countries and regions.   Lucky Ethereum has no intention of inducing users to violate any local or national laws and regulations.

This document is only for the purpose of conveying information, not the relevant

opinion for buying and selling Lucky Ethereum platform Token. This document is not any investment advice or solicitation on securities. This document is neither constituted nor understood as offering sale and trade, or any invitation to buy or sell any form of securities, nor as any form of contract or commitment.