# LuckyBet.One Whitepaper

### version 1.0

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## 1 Introduction

LuckyBet is a fair gambling platform build on Mixin Network. LuckyBet plans to support major crypto-currencies on the platform. As LuckyBet team will keep adding new features, any future features described in this document will be marked as **(roadmap)**

## 2 Dice

### 2.1 Basic

Dice is the first game supported on LuckyBet. Currently it supports **Roll Over** betting. Player can select a prediction number between 4 and 97, payout multiplier will change depend on the number selected, then user can bet with selected cryptocurrency. LuckyBet platform will generate a random lucky number between **0** and **9**9. To be able to win, player's prediction number needs to be greater (not including equal to) than the lucky number. If player wins, LuckyBet platform will automatically send payout amount to the player, if player loses, LuckyBet platform will take the betting amount.

### 2.2 Rules

User can only select a number between 4 and 97, and also the betting amount need to be between a minimum and a maximum betting amount for the selected cryptocurrency. For example for CNB, the minimum betting amount is 1 and maximum betting amount is 1000. Player can only bet on the cryptocurrency has balance that is greater than zero. Player can use deposit function in **My Account** page to transfer cryptocurrency into LuckyBet platform

### 2.3 Fairness

LuckyBet platform uses **SnapshotId** to generate the random number between 0 and 99. SnapshotId is generated as a random **uuidv4** string when betting transfer is confirmed by Mixin Network. As each SnapshotId is completely random and unpredictable, result for each betting is completely random.

## 3 My Account

### 3.1 Register and sign in

Registration on LuckyBet platform is very easy. Player only needs to select a 6 digits **PIN** number to register an account, LuckyBet platform will generate a **Private Key** for new account and ask player to back up this key. LuckyBet platform NEVER stores **PIN** or **Private Key** on the server. Player must keep them safe by themselves. Both **PIN** and **Private Key** are required to sign into LuckyBet platform (or other Mixin wallet). Encrypted **Private Key** are stored locally in Chrome local storage, it never gets sent to a remote server. **PIN** is required to unlock LuckyBet for playing and it never gets stored anywhere.

LuckyBet currently gives free 100 CNB token to new accounts, so player can start playing after registration.

## 3.2 Withdraw and Deposit

The accounts in LuckyBet are created on Mixin Network. Player can deposit cryptocurrencies from other blockchains into LuckyBet platform, or withdraw cryptocurrencies to other blockchains. Transaction fees may apply, and required confirmation time depend on the other blockchain involved.

## 3.3 Transfer between accounts on Mixin Network

Player can also use transfer function to transfer cryptocurrencies between Mixin accounts. Currently there is no fee involved and transfer is almost instant.

## 3.4 Private Key backup

When player's account is created, LuckyBet will ask player to backup their **Private Key**. Backup function can only be found in **My Account** page.

## 3.5 Sign out

Once player signs out LuckyBet platform. Both **PIN** and **Private Key** are required to sign into LuckyBet platform again.

# 4 Cryptocurrency

## 4.1 Available

Currently LuckyBet support CNB token for demo purpose.

## 4.2 Roadmap

LuckyBet will soon support all major cryptocurrencies including XIN, Bitcoin, Ethereum, EOS, Ripple, USDT etc. In the future we will add more cryptocurrencies support.

# 5 Dividend

## 5.1 Roadmap

LuckyBet plans to introduce a dividend model that rewards player a custom LuckyBet ERC20 token. Token holders will be able to claim a percentage of LuckyBet platform profit in major cryptocurrency(e.g. Bitcoin), by the share percentage of circulated custom token.