

# Pyra - Whitepaper



## Introduction

Pyra is an investment game in the desert universe. Oh shit, you will tell me, another pyramid. Well... no. We have been personally scammed, too many times, so we decided to create a balanced system that allows everyone to win the game !

*NB : Desert universe and objects are used to make the concept more fun, but this is still investissement. You can earn much, or you can lose part of your investissement. Read this whitepaper carefully to understand the system, and beat it !*

## How does it work?

The principle is simple, to survive in the desert, you must buy a guide book. The price of this book is 100 USDT. Each guide book has a unique id. When purchasing their book, players must enter the ID of an existing book.

A guide is the owner of a book. The money for the purchase of the book is sent to the guide (and his previous guides), by finding the guide with the entered ID. The whole point of the game lies in this mechanic: **The money is distributed among the 19 previous guides. It's not the top of the pyramid that wins, but those who help invite new players!**

## Distribution between guides

The following table details the distribution between the previous guides.

- Level 1 is the new player's guide, found by id entered. Let's say it's Alice.
- Level 2 is the guide of Alice, found by id entered by Alice. Let's say it's Bob.
- Level 3 is the guide of Bob, and so on.

1% of the amount is taken to remunerate the developers.

Level	1	2	3	4	5	6	7	8	9	10
%	60%	20%	5%	2%	1.5%	1.4%	1.3%	1.2%	1.1%	1.0%
Level	11	12	13	14	15	16	17	18	19	Fee
%	0.9%	0.8%	0.7%	0.6%	0.5%	0.4%	0.3%	0.2%	0.1%	1%

If one of the guides is at the top of the pyramid (this guide is called Ra), after division, the rest of the money goes back to the new player !

Example :

Level	New player	1 (Alice)	2 (Bob)	Root book (Ra)	Fee
%	Refunded : 14%	60%	20%	5%	1%

A user guided by Ra and his root book, can have a book up to 39% off !

To be guided directly by Ra, players must buy a rooted book, and they are limited. Initial number of rooted books is 50. For some special events and to stabilize the system, new rooted books may become available.

This distribution allows ROI very quickly, coupled with the use of a stablecoin makes the system very interesting.

## Why USDT?

Many crypto projects have their own cryptocurrency, but after a few months, and sometimes days, the currency dumps and so do the investments. Using a stablecoin helps to secure the value of the book, as well as the associated profits. As the system is on the blockchain, Pyra's smart contract and books cannot be deleted. So guides can take their time, even years, to invite new players.

*Note that you shouldn't refresh the page while between usdt allowance and buying book transaction, else you might lose the allowance, and the transaction will revert.*

## How claim tokens?

Unlike some play to earn, there is no need to claim your tokens. The tokens won are transferred directly to the guide's wallet, the money is available immediately, with no action costing gas. Books and profit for each book is shown on the website. Gas is paid by the new player, this is why the gas amount may seem high. The chosen network is Binance Smart Chain, in order to reduce transaction fee.

Here are common gas amounts. Values can change depending on Metamask estimation :

	Gas quantity	cost in BNB ( 5 Gwei/gas)
Allowance	~67 171	0,000336
Buy book	~323 700	0,0016185
Buy root book	~ 790 500	0,0039525

# Smart Contract and Github Repo

Code of the smart contract and the site are entirely open source. Links will be added soon.