

RANGERS VERSE



Play-Create-Earn

Version 1.0.0

Introduction

Rangersverse is a GameFi Metaverse, where players and users can turn their gaming experiences and their passion for video games and Esport events into money by playing or creating Esport tournaments.

Our vision is to revolutionize both the traditional gaming industry and the blockchain gaming ecosystem by closing the gap between them.

1. How we are going to do that:

At its core, Rangers Verse is an ecosystem for players, users, and organizers. This consists of three main components which are; the games, a marketplace, and the battle house which is classified under two categories:

- 1- GameFi
- 2- ESports

1.1 GameFi:

- **Rangersverse:** is a future sci-fi play-to-earn game, where anyone can get rewards through play and contribution to our metaverse, in which players can battle, collect and level up.
- **Rangers Cards:** This is the second game in Rangersverse, which involves strategic legendary superheroes and gods from multiple cultures around the world game.
- **NFTs :** Most of Rangersverse's NFTs will be useable in games created by Rangers Verse
- **MarketPlace:** This is where users can buy, sell, rent, and lend their NFTs, to make Rangersverse's marketplace more useable and accessible by all, which will be both inside our Metaverse and web-based.

- The inside Metaverse marketplace will be for players who want to play or rent without leaving the Metaverse. It will be for all users who are not inside the Metaverse.

1.2 Esports:

- **Battle house:** is a platform for creating or participating in decentralized Esports tournaments, will be accessed through Metaverse or web-based.

2. The Rangersverse Metaverse :

Rangersverse Metaverse is about a future world on a planet outside our Galaxy , where surviving humans travelled and lived there after the destruction of the earth; but unfortunately, the new planet got attacked by aliens.

2.1 Mission

The team believes that the innovations are important in the games industry to take the lead in it, for the while the gaming market is expected to surpass \$200B by 2023. Although it suffers from significant problems that could affect future growth if not addressed:

- Even though gamers are the main stakeholders in this industry, the current centralized gaming corporations continue to grow in market value without the actual gamers benefiting in return leaving them as mere consumers instead.
- The number of gamers worldwide by the end of 2020 according to Newzoo reports was 2.69 billion gamers with a steady average growth of 5.6% year on year. The majority of these players are blocked from access to ESPORT tournaments that centralized organizers arrange.
- The current marketplaces are based on fiat, which creates limitations and doesn't support micro-transactions, besides the security vulnerabilities.

This is where Rangersverse comes in to provide an alternative truly decentralized ecosystem by building a Metaverse where gamers with any ranks and users can play,

create, participate, bet, share, or trade and get benefit from the gaming industry and earn RAV.

2.2 Games Overview

The games are a system where playable experiences can be enjoyed. In our games, the player can profit from their participation, and players can play to earn by doing missions, battles, and collecting resources, rewards, and tokens.

The gaming **experience** on Rangersverse will **deliver** through several phases, with increasingly more complex features and new additions in each one. When the alpha version is launched, players will be able to make transactions and store their digital ASSETS whilst also playing.

2.2.1 Rangersverse game:

Is a shooter/action game that allows players to explore and survive in the Rangersverse metaverse on the Kortuoim planet. In the game, the players' mission is to defeat alien creatures on their way to liberating humanity and their metaverse from the invaders. Players can collect loot from destroying objects there and can use free loots and buy them as well in order to advance their Ranger. It's an adventure to save the world from these aliens.

Players can earn by:

- Collecting/selling rare loots
- Competing in PVP battle seasons to win prizes
- Participate in the Rangers Verse cup
- Training rangers and selling/renting them on the marketplace
- Renting their land for competitions
- Weekend ranked rewards
- Daily token reward system
- Special games mode.

2.2.1.1 Game mechanics

The game is about collecting, fighting, and exploring. Players after reaching the required experience points and using some materials can craft a new space jet and unlock new sky/land maps.

2.2.1.2 Challenges types:

- The core gameplay will be around combat against wild aliens. The combat will be focused on letting the players actively attack and dodge the enemy in real-time. The attacks are directionally aimed moves.
- Battle Royale game mode.
- There will be PVP battle seasons each month: the participants will be chosen through this method each week and the top 12 players in the system will be selected to participate in the monthly challenge. The monthly challenge will include 48 challengers divided into 8 groups in the form of a leader scoreboard. The top 8 will advance to the monthly finals, with the winner going to the Rangersverse cup at the end of December that year.
- Each year. 12 season winners besides the top 6 players with the highest staked RAV will compete to win the Rangersverse cup and become the legendary Ranger. 16 players will be divided into 4 groups which consist of 4 players each. The 4 winners of the group stage will participate in the semifinal round 1 vs.1 and the two winners will challenge each other in the final to win the cup prize pool.

The 6 players who will be chosen through their staking score, each player who stakes their RAV, will have a score, the maximum score is 100. It is calculated based on the time of staking and the value of the staked token using our equation.

2.2.1.3 Features:

2.2.1.3.1 Ranger trading and renting:

- **Ranger Trading:**

Ranger Owners can put it on sale; the players need to post information about Rangers and the price.

These two methods of paying the owner can make both of them available to the buyer or the buyer can choose one of them:

1- Pay the total price at once.

2- Divide the total price for a fixed period and it will be like renting until owning with profit-sharing until the total amount to be paid with an extra percentage.

- **Renting Ranger:**

Ranger owners can rent ranger, players only need to post information about Ranger, rental prices, and rental periods, and the player will provide this information to those wishing to rent Ranger. There are two methods of rent:

1- Renting at a fixed price, the player will post a Ranger for rent for a fixed price and period. If the other party agrees to that price, they will rent.

2- Profit-sharing rental: the other party does not have to pay when renting Ranger, but will pay a percentage of their profits through Ranger challenges.

The players who rent their rangers will get a commission in case their rangers win besides the rent price.

2.2.1.4 Game Assets:

2.2.1.4.1 Rangers:

Each player will pick a character when starting the game and explore the Rangers Verse. After choosing the character the player can explore our metaverse Rangers Verse freely.

- **Rangers skills:**

Each ranger has these skills:

- Attack
- Attacked
- Block
- Run
- Walk
- Jump
- Heal
- Seek
- Collect
- Die
- Respawn
- Teleportation.
- Levelling up

- **Rangers Training:**

Train the ranger to level up in the training area. Training tasks are similar to a mini-game in which the player could level up their rangers by increasing the experience points. On

the training racecourse, it is also possible to earn some RAV. The training turn is limited each day.

2.2.1.4.2 Aliens:

These are the aliens that occupied and attacked the Kortuoim, Players can defeat the aliens to gain weapons or armours, and the player can advance their ranger with or sell and rent the rare items. They also gain experience points.

2.2.1.4.3 Weapons and armours

Players can buy, or collect weapons and armours from defeated aliens. The collected weapons or armours will reflect the ranger and then boost the specific stats when the player wears them.

2.2.1.4.4 FIELDS:

FIELDS are NFTs that represent physical parcels of The Rangersverse Metaverse. They allow players to own a part of the Metaverse and thus be able to host content (ASSETS and GAMES). The Rangersverse Metaverse is based on a map of FIELDS. FIELDS are physical spaces in the Metaverse owned by players to create and monetize Games. FIELDS are used to play with or host competitions in the future also the players will be able to combine FIELDS to form BASES In the future, BASIS will have the potential to be owned by multiple players to form CITIES.

The map determines a player's specific FIELDS coordinate. In The Rangers Verse, there is a limited number of FIELDS, and their location is determined initially on the map, and cannot be moved from one coordinate of the world map to the other.

2.2.1.4.5 The Arcs

The arcs are the spaceships that humanity used to travel through space. As a Ranger, you should do everything to save it from aliens.

2.2.1.4.6 Rangersverse maps:

Players started their journey on a port map, by buying some materials and gaining more experience points players can explore more regions and outer space. Other places that can be found in Rangersverse are the training area, battle house, and the marketplace.

2.2.2 Rangers Cards:

Rangers Cards is a free trading card game where the players compete in duels using legendary gods and superhero cards. This game is dependent on strategic thinking to be ahead of your opponents by building decks that can combat backed by rich tactics. Here players can own their decks, putting them on trade, sell, and rent.

3. Game Technology:

3.1 Game Engine:

Our game engine is **Unity**, as it is lighter to develop for but also is easier to integrate the blockchain APIs into the game engine.

It will be on **SOLANA**

4. Marketplace

It is an open marketplace for players to buy and sell games assets and decks and will use smart contracts to control items and transactions.

Each asset listed in our marketplace will come with some information to give a clear image to the buyer

- Name: To help buyers find it in the marketplace the asset will require a name.

- Type: each asset will require its type so it will be easier for classification and search.
- Game Name: each asset should come with the game name it belongs to.
- Description: The description will show the specifications for this asset and its potential uses.
- Thumbnail: each asset listed will come with a thumbnail showing what the asset itself looks like.
- Scarcity
- Price

5 Battle HOUSE

This will be Rangersverse Esport's backbone as it combines all of the products and protocol into one Esport platform. It will be a fully-functioning tournament ecosystem.

Battle House features:

- Players can invite others to play in private or public tournaments for rewards
- Full details and information about tournaments
- Users can create their tournaments with prize distribution and rules
- Ability to join any public tournament and participate by paying the required fee using RAV.

5.1 Tournament Creation

Anyone can create a tournament after paying the required fees in RAV. The creator may choose to be the only judge or add more judges, and then create the prize pool for the tournament. For the prize pool, the creator pays the participation fees and then places money in the prize pool (the amount of money to be paid in the prize pool must equal the total prize amount divided by the number of participants) for each tournament created there will be automatically bet created. There will be a predefined range of the prize pool for the tournament creator to choose the percentage of the reward from, and

there will be a separate predefined range for the judging committee. These percentages will be subtracted from the prize pool before splitting it for the tournament winner.

5.2 Splitting of the Prize Pool

After the tournament finishes, the judge committee votes to select a winner. Once the winner has been selected, the prize pool is paid to the winner's address. If the winner does not gain a unanimous vote, the tournament votes will be listed on the governance portal with the basis supporting the case. After that, the users with staked RAV can start voting on the proposals, inadequate voters will receive penalties. If the judging committee detects manipulation in the results, the wallet address will be added to a blacklist. The pool creator and judge committee also gain rewards from the prize pool.

7. Rangersverse Governance

To properly decentralize Rangers Verse, all of the updates, ideas, and new apps based on the Rangers Verse will appear under the "Developments Governance" section in Users with staked RAV and minted NFT can participate by voting on new ideas which appear there, govern tournament results, and betting market validity.

8. RAV

RAV is the utility and governance token and an essential part of the Rangersverse platform.

The use of RAV:

- Governance: RAV is a governance token that allows holders to participate in governance decisions of the platform. Each holder has different voting power. It depends on the time and amount of staked RAV, the Voting power score calculated using our equation.
- Staking: RAV allows for staking.
- Revenue from the tournament prize pool, given to the RAV holder after participating as part of the tournament's Judgement comity.

8.1 RAV usage summary :

Trade:

- Games Assets
- Fields
- NFTs

Play:

- Games

Governance:

- Staking
- Votes

Services:

- Creating tournaments
- Creating bets

8.2 Revenue Stream:

- Rangers Verse NFTs Sales: 60% transferred to Rangersverse Reserve wallet and locked for 1 year period.
- FIELD Sales: 60% Transferred to Rangers Verse's treasure, 40% to Foundation.
- Tournament fees: 20% transferred to the staking pools, 40% to the foundation, and 10% to RAV holders.
- Market Place transaction fees: 15% transferred to the staking pool, 15% to the Foundation, 40% to the Play-to-Earn rewards, and 20% to Rangersverse's NFTs holders.
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Notes:

- DAO Vault (used for governance, voting, giveaways, collaboration with other projects, ...etc)
 - Will Dedicate like 10% of Mint revenues to the DAO vault for the community to vote on what to do with).
 - Will Dedicate revenue flow to DAO from royalty fees & other money-making methods).

- DAO Wallet to have keys owned by multiple employees for credibility reasons

Multi-signature wallet.

- There will be a Monthly/quarterly report.

- Rangersverse Reserve wallet: this wallet holds Rangersverse reserve.
- Rangersverse treasure: here is the RAV that Rangersverse owns from the buyback. Part of The RAV in the treasure will be returned to the market and used to pay the expenses.