GEMUNION

An advanced framework for building decentralized games

Golden circle

WHY

Hiring staff and product development speed is a bottleneck for most Tech Startups. They need a low-latency burst from funding to acquiring their first client

HOW

We gathered the key people in the development process to solve the most complex tasks at the beginning of a startup journey and built an all-in-one boxed solution with top mechanics that are easy to integrate and support

WHAT

GEMUNION provides the infrastructure to build an MVP for your project within a short period of time

Problem x Solution

Lack of quality talent

It is hard to find a solid team for early-stage tech projects which leads to wasted resources and missed market opportunities

Slow and abrupt development process

There is a demand in a scalable software to avoid obstacles in product development and overthrow the competition

Security issues

Startups usually do not have enough resources to hire security engineers and buy expensive security tools which makes them an easy target for breaches

The **team of experts** in Typescript (NestJs, React), Solidity, and DevOps **will do the initial setup** for the game launch

Provides a **modular platform with ready mechanics** for your game to be built on

While OpenZeppelin solidity framework guarantees the **best security on a fundamental level,** OpenSea trading protocol guaranties **cost-efficiency of all transactions**

Roadmap

NOW

- Well-coordinated team of Senior Tech Experts to launch your project
- All-in-one boxed blockchain mechanics
- Easy integration with Unity/Unreal application
- Security tools and all kinds of tests

Coming soon

- ERC-998 composable tokens for building complex structures
- Seaport trading protocol for powering up trading engine

Future updates

- Multichain support
- NFT lend/borrow
- Uniswap v3
- Governance
- Access to marketing insights and reports

Game Setup Stage

On the initial phase **GEMUNION** team helps with the integration of the framework into your game

1 Contract management

Contract management is a cornerstone of building tokens and related mechanics

Deployment   Permissions

2 Cloud management

Platform agnostic docerized images could be deployed to your favourite cloud provider infrastructure

Docker   Terraform

3 In-game integrations

Offers powerful connectors for single sign on, diagnostic and debugging tools

Monitoring   Debug

Game Launch

Up to 6 months of development in savings

Game Early Stage

The second stage is dedicated to setting up your in-game mechanics. Gemunion offers an ecosystem with everything a blockchain-oriented game needs from loot generation to secondary market

Store mechanics

- Define token templates
- Sell templates using lazy mint
- Reward winners of marketing compaign using token airdrop
- Vesting schedule for your partners
- Referral program

In-game mechanics

- Stake unused tokens for gaining passive income
- Exchange tokens to get new attributes [craft]
- Modify metadata to impove stats [enchant]
- Open mystery boxes to get rare items
- Soul Bound NFT

3rd patry integrations

- Integrate with popular login providers Firebase, Cognito, Google, Facebook
- Integrate with gaming platforms like Google Play and Game Center
- Export token data to external stores OpenSea, Rarible and Enjinx
- Persist token attributes in IPFS

Game Advanced Stage

In later stages we offer the most powerful token mechanics: composition and secondary market

Composition and Auctions

ERC998 composables — Ready

- Composable tokens allows creating squads and armies or building structures piece by piece

Seaport trading protocol

- For instant, cost-effective and secure transactions between players
- For time based auctions and limited token offerings

We are letting a community to decide how the project evolves over time by voting for implementation of new features
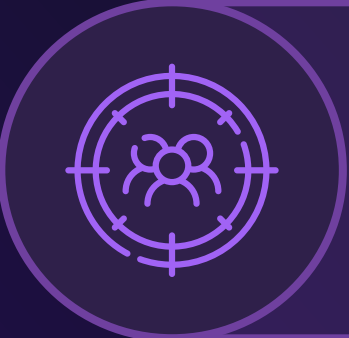
- Uniswap V3
- NFT rent
- Multichain
- Governance
- Marketing insights and reports
- Breeding

User experience with Gemunion

User

Invest

Receive lootboxes while idle

Collect unique sets

use different mechaics to obtain certain type of items

Gamble

Upgrade

Player Engagement mechanics

Stake

Exchange

Create powerful build

conbine skills, armor and weapon to archieve best performance

HERO ERC-998

ERC-721

Armor | Skill | Weapon

ERC1155

Resources

ERC20

Coins

Interact with other players

share your skills and items with other palyers

Craft

Build

Unite in clans

Trade

Fight

Breed

B2C Solution

GEMUNION solution can be tailored to each client's needs

Assembly

Options:

- ◉ Setup phase modules
- ◉ Game early-stage modules
- ○ Advanced mechanics modules

Develop

Options:

- ○ Bootstrap solution for your development team
- ◉ Deployment and setup by the GEMUNION team

Maintain

Options:

- ◉ Security updates
- ◉ Bug fixes
- ○ New contract templates

Team of industry experts and blockchain specialists

Yuri Toporov | **CEO**

https://t.me/Ubudragon

- Database expert
- Degree in Maths & Economics
- Experience in creating and managing business

Trej Gun | **CTO**

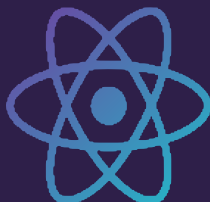https://t.me/meow_dao

trejgun@gemunion.io

- 20 years of experience in development
- Degree in Information Security
- Several successful startups made from scratch
- Portfolio of projects for large enterprises (e.g. Google)

Solidity developers

DevOps Specialists

Frontend Experts

Test Automation Engineers