

DESSERT
FINANCE



MetaGear Token (GEAR)

BEP-20 Audit

Performed at block **14922529**

PERFORMED BY DESSERT FINANCE

FOR CONTRACT ADDRESS: **0xb4404DaB7C0eC48b428Cf37DeC7fb628bcC41B36**

INITIAL DISCLAIMER

Dessert Finance provides due-diligence project audits for various projects. Dessert Finance in no way guarantees that a project will not remove liquidity, sell off team supply, or otherwise exit scam.

Dessert Finance does the legwork and provides public information about the project in an easy-to-understand format for the common person.

Agreeing to an audit in no way guarantees that a team will not remove *all* liquidity (“Rug Pull”), remove liquidity slowly, sell off tokens, quit the project, or completely exit scam. There is also no way to prevent private sale holders from selling off their tokens. It is ultimately your responsibility to read through all documentation, social media posts, and contract code of each individual project to draw your own conclusions and set your own risk tolerance.

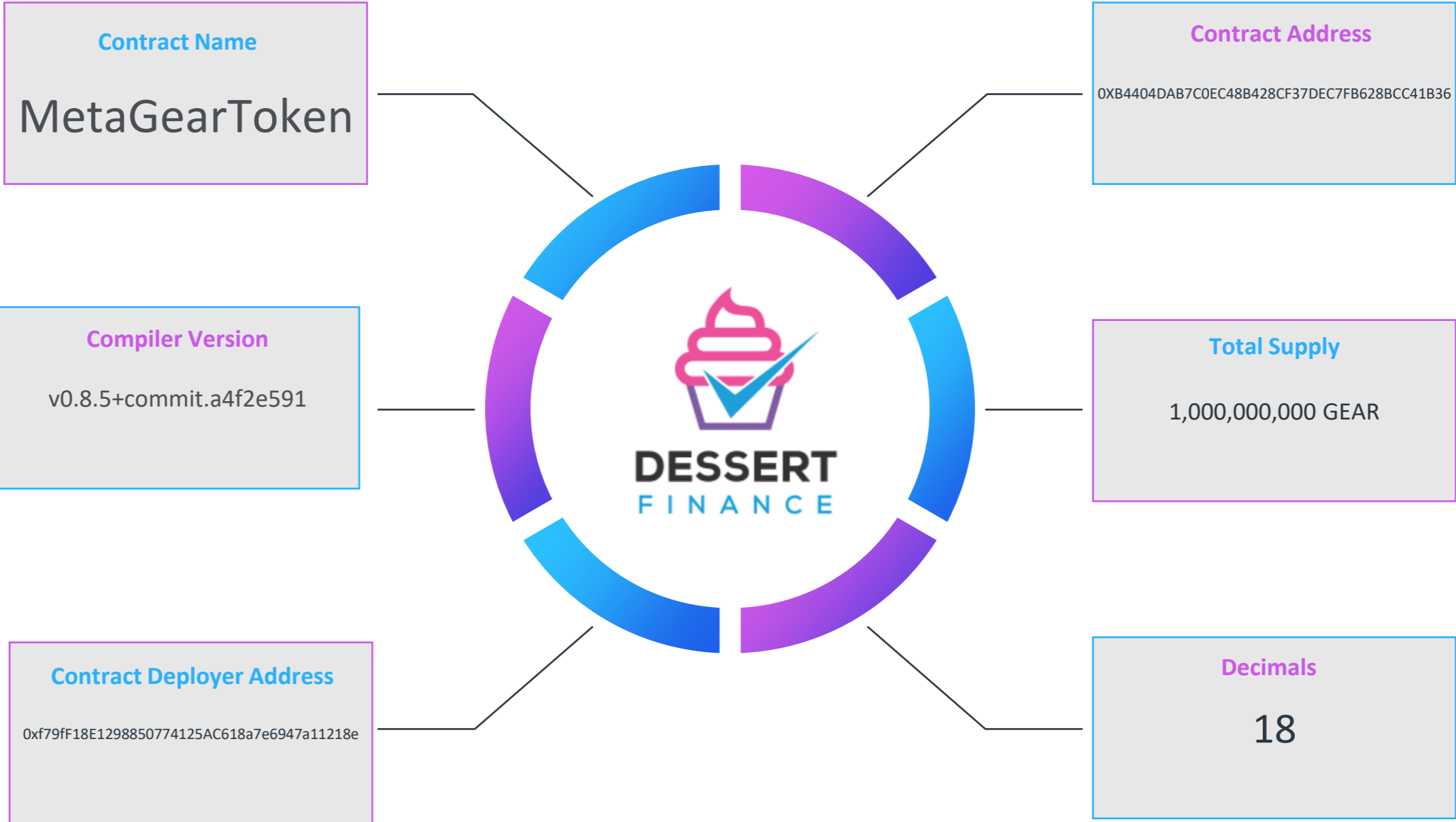
Dessert Finance in no way takes responsibility for any losses, nor does Dessert Finance encourage any speculative investments. The information provided in this audit is for information purposes only and should not be considered investment advice. Dessert Finance does not endorse, recommend, support, or suggest any projects that have been audited. An audit is an informational report based on our findings, We recommend you do your own research, we will never endorse any project to invest in.

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Contract Code Audit – Token Overview



BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on MetaGear Token (GEAR)

```
import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Snapshot.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Pausable.sol";
import "@openzeppelin/contracts/access/AccessControl.sol";
import "@openzeppelin/contracts/utils/math/SafeMath.sol";
import "ds-test";

contract MetaGearToken is ERC20Snapshot, Pausable, AccessControl, SafeMath {
    using SafeMath for uint256;

    bytes32 private constant PAUSER_ROLE = keccak256("PAUSER_ROLE");
    bytes32 private constant BURNER_ROLE = keccak256("BURNER_ROLE");
    bytes32 private constant ADMIN_ROLE = keccak256("ADMIN_ROLE");
    uint256 private initialTokenSupply = 1000000000 * 10 ** decimals();
    mapping(address => bool) private _blacklistList;

    constructor() ERC20("MetaGear Token", "GEAR") {
        _setupRole(DEFAULT_ADMIN_ROLE, msg.sender);
        _setupRole(ADMIN_ROLE, msg.sender);
        _setupRole(PAUSER_ROLE, msg.sender);
        _mint(msg.sender, initialTokenSupply);
    }

    function snapshot() external onlyRole(ADMIN_ROLE) {
        _snapshot();
    }

    /**
     * @dev Pauses all token transfers.
     * See [ERC20Pausable] and [Pausable_pause].
     * Requirements:
     * - the caller must have the "PAUSER_ROLE".
     */
    function pause() public onlyRole(PAUSER_ROLE) {
        _pause();
    }

    /**
     * @dev Unpauses all token transfers.
     * See [ERC20Pausable] and [Pausable_unpause].
     * Requirements:
     * - the caller must have the "PAUSER_ROLE".
     */
    function unpause() public onlyRole(PAUSER_ROLE) {
        _unpause();
    }

    /**
     * @dev Destroys 'amount' tokens from the caller.
     * See [ERC20_burn].
     */
    function burn(uint256 amount) public virtual onlyRole(BURNER_ROLE) {
        _burn(msg.sender(), amount);
    }

    /**
     * @dev Destroys 'amount' tokens from 'account', deducting from the caller's
     * allowance.
     * See [ERC20_burn] and [ERC20_allowance].
     * Requirements:
     * - the caller must have the "BURNER_ROLE".
     */
}
```

Contract Address

0xb4404DaB7C0eC48b428Cf37DeC7fb628bcC41B36

TokenTracker

MetaGear Token (GEAR)

Contract Creator

0xf79ff18e1298850774125ac618a7e6947a11218e

Source Code

Contract Source Code Verified

Contract Name

MetaGearToken

Other Settings

Compiler Version

v0.8.5+commit.a4f2e591

Optimization Enabled

Yes with 999999 runs

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

The contract code is **verified** on BSCScan.

BEP-20 Contract Code Audit – Vulnerabilities Checked

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility	Complete	Complete	✓ Low / No Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is verified on BSCScan.

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – ADMIN_ROLE Functions

These functions are accessible to anyone with ADMIN_ROLE privileges

Function Name	Parameters	Visibility	Audit Notes
snapshot		external	onlyTeam modifier is detected. Team can call this function.
addBlackList	address _address	external	onlyTeam modifier is detected. Team can call this function.
removeBlackList	address _address	external	onlyTeam modifier is detected. Team can call this function.
withdrawBalance		public	onlyTeam modifier is detected. Team can call this function.
protectionAdminCheck		internal view override	onlyTeam modifier is detected. Team can call this function.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Contract Code Audit – PAUSER_ROLE Functions

These functions are accessible to anyone with PAUSER_ROLE privileges

Function Name	Parameters	Visibility	Audit Notes
pause		public	onlyTeam modifier is detected. Team can call this function.
unpause		public	onlyTeam modifier is detected. Team can call this function.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Contract Code Audit – BURNER_ROLE Functions

These functions are accessible to anyone with BURNER_ROLE privileges

Function Name	Parameters	Visibility	Audit Notes
burn	uint256 amount	public virtual	onlyTeam modifier is detected. Team can call this function.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Liquidity Ownership – Locked / Unlocked

Locked liquidity information has been found.



Team.Finance

<https://www.team.finance/view-coin/0xb4404DaB7C0eC48b428Cf37DeC7fb628bcC41B36?name=MetaGear%20Token&symbol=GEAR>

Contract Code Audit – Mint Functions

This Contract Cannot Mint New GEAR Tokens.

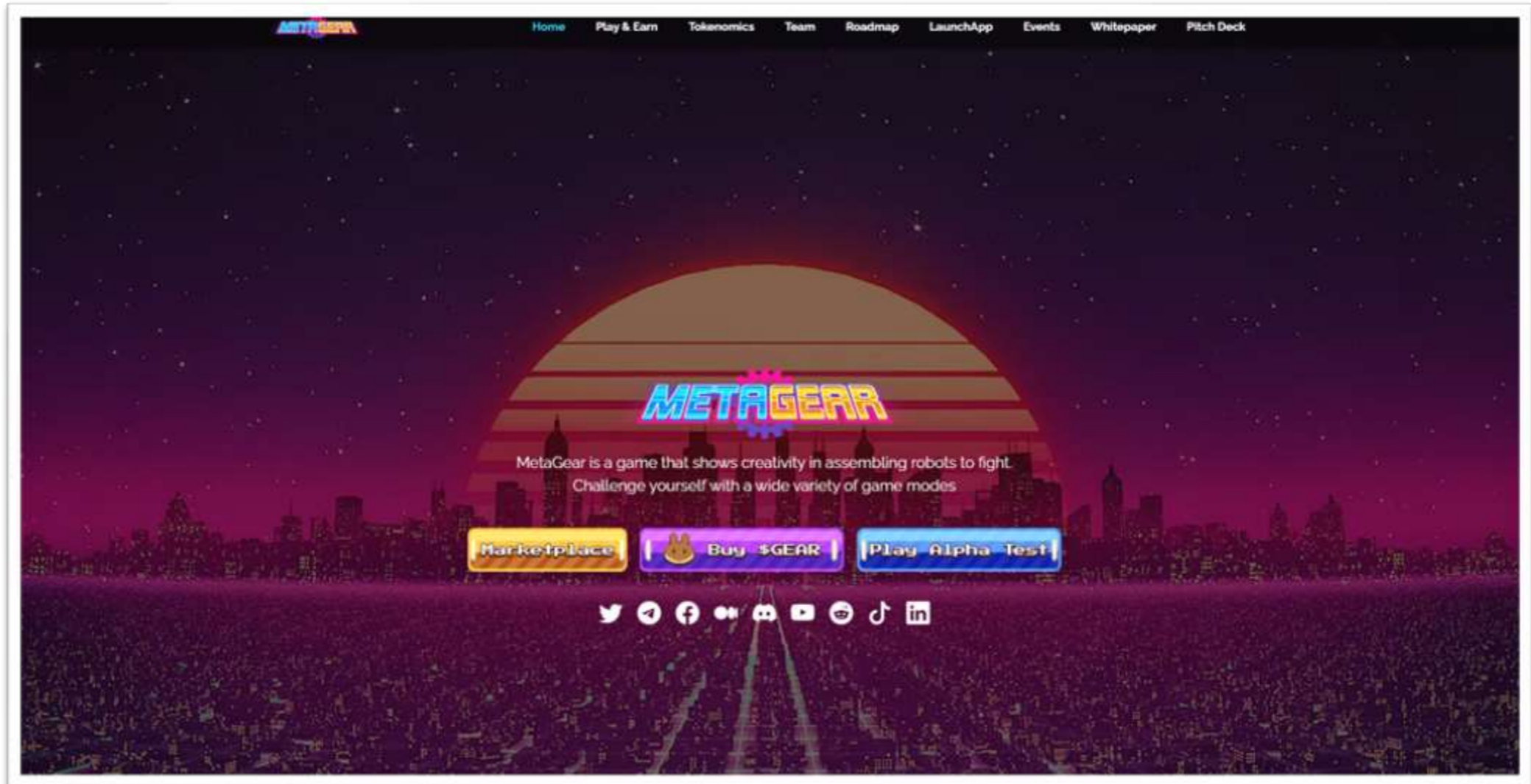


We do understand that sometimes mint functions are essential to the functionality of the project.

A mint function was not found in the contract code.

Website Part 1 – Overview

www.metagear.game



Above images are actual snapshots of the current live website of the project.

Website was registered on 11/18/2021, registration expires 11/18/2022.

X This does not meet the 3 year minimum we like to see on new projects.



Website Part 2 – Checklist



- ✓ Mobile Friendly
- ✓ No JavaScript Errors
- ✓ Spell Check
- ✓ SSL Certificate

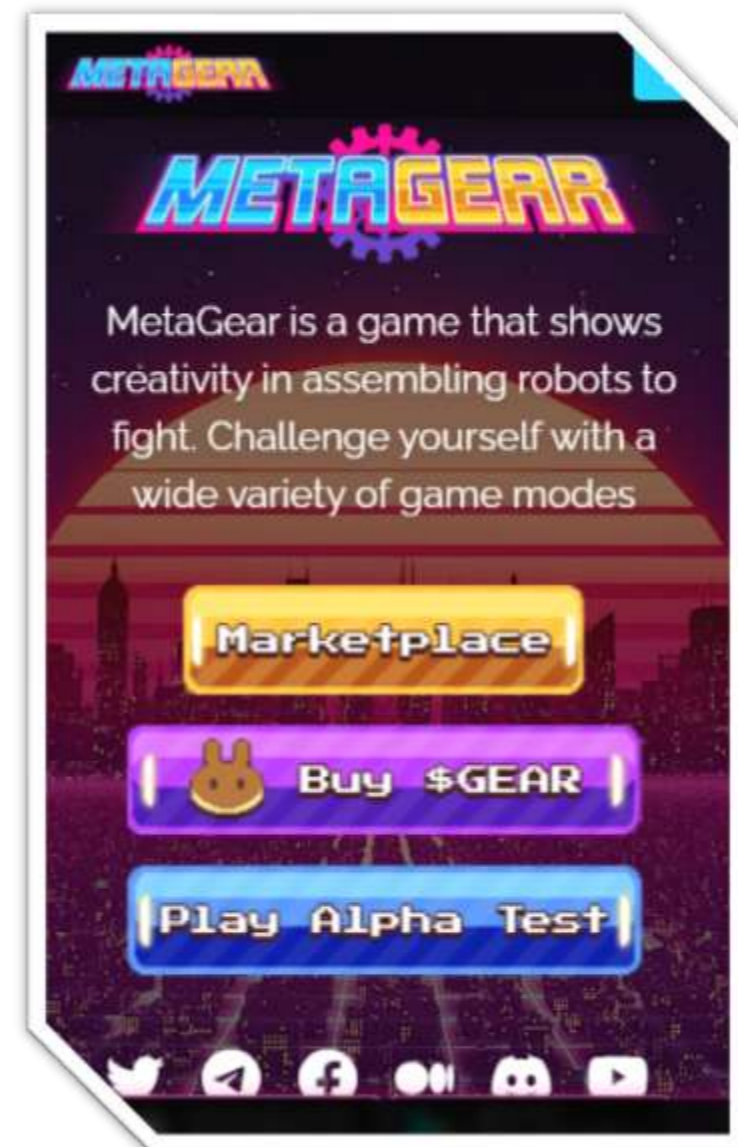
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

No additional issues were found on the website.

Website Part 3 – Responsive HTML5 & CSS3

No issues were found on the Mobile Friendly check for the website. All elements loaded properly and browser resize was not an issue. The team has put a considerable amount of thought and effort into making sure their website looks great on all screens.

No severe JavaScript errors were found. No issues with loading elements, code, or stylesheets.



Website Part 4 (GWS) – General Web Security



SSL CERTIFICATE

A valid SSL certificate was found. Details are as follows:

Offered to: metagear.game

Issued by: Cloudflare Inc

Valid Until: 12/1/2022



CONTACT EMAIL

A valid contact email was found on the official website. Contact email is listed as shown below:

[Contact](#)

official@metagear.game



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

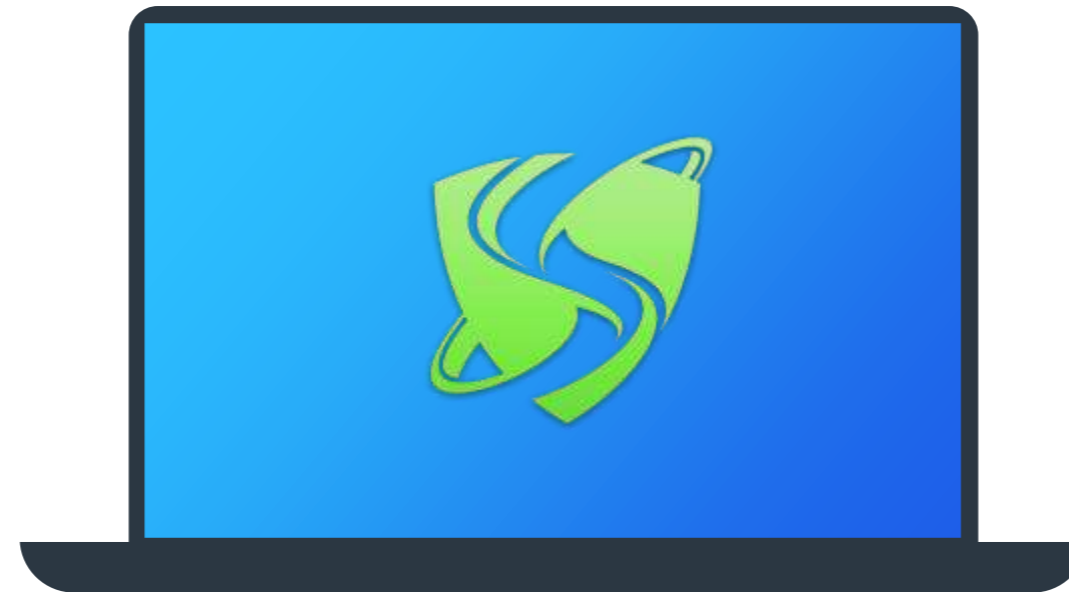
No internal server errors

No popups found

Domain is marked clean by Google, McAfee, Sucuri Labs, & ESET



Social Media



We were able to locate a variety of Social Media networks for the project.

All links have been conveniently placed below.



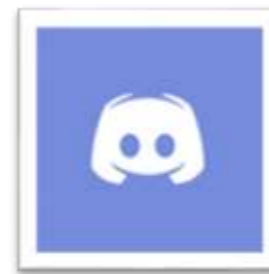
[Twitter](#)



[Telegram](#)



[Medium](#)



[Discord](#)



[Facebook](#)



[TikTok](#)



[YouTube](#)

✓ At least 3 social media networks were found.

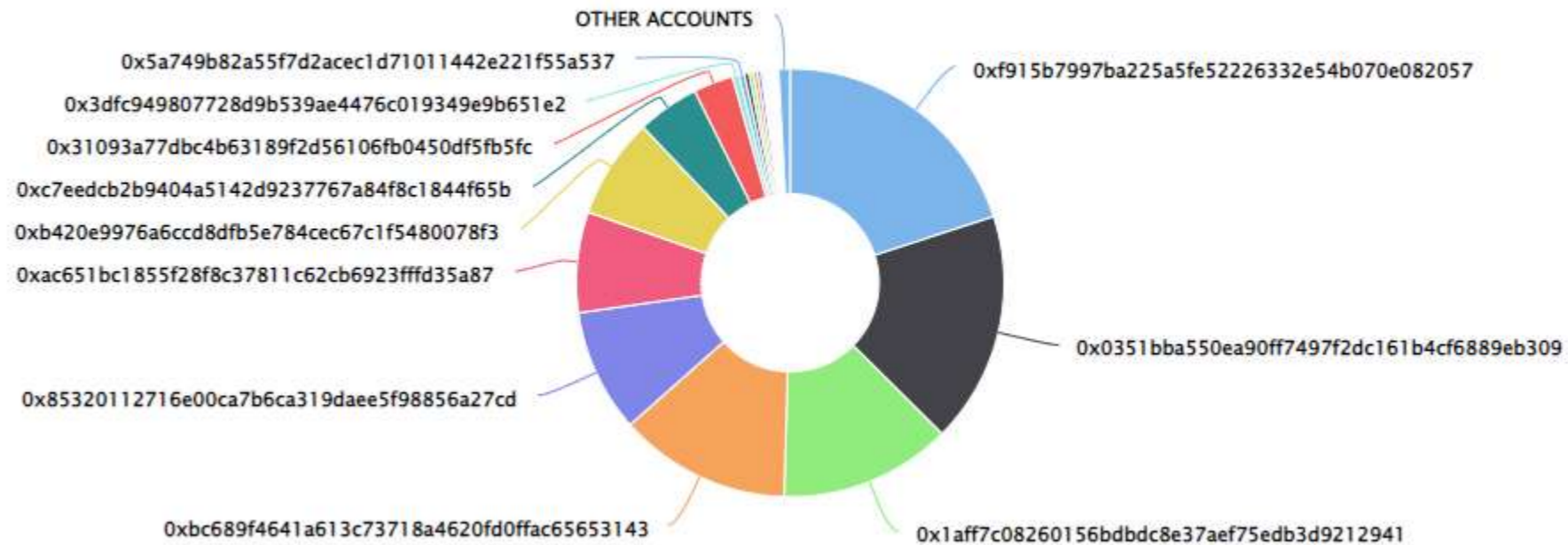
Top Token Holders

The top token holders at the time of the audit are shown below.

[Click here to view the most up-to-date list of holders](#)

MetaGear Token Top 100 Token Holders

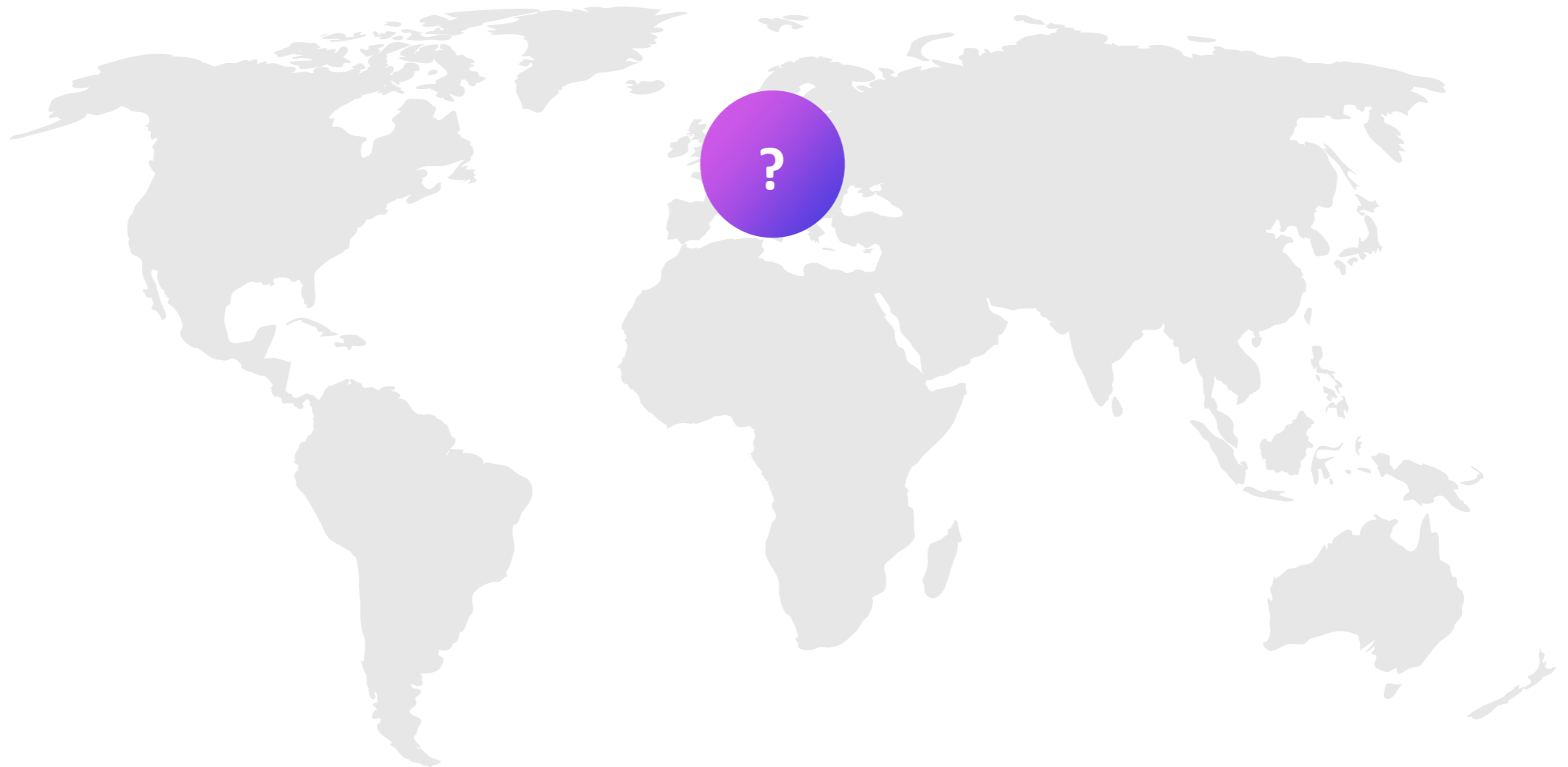
Source: BscScan.com



Rank	Address	Quantity (Token)	Percentage
1	0xf915b7997ba225a5fe52226332e54b070e082057	200,000,000	20.0000%
2	0x0351bba550ea90ff7497f2dc161b4cf6889eb309	174,600,000	17.4600%
3	0x1aff7c08260156bdbdc8e37aef75edb3d9212941	130,000,000	13.0000%
4	0xbc689f4641a613c73718a4620fd0ffac65653143	130,000,000	13.0000%
5	0x85320112716e00ca7b6ca319daee5f98856a27cd	93,020,000	9.3020%
































Location Audit

We were unable to identify a primary location for the project at this time or a location has not been declared.



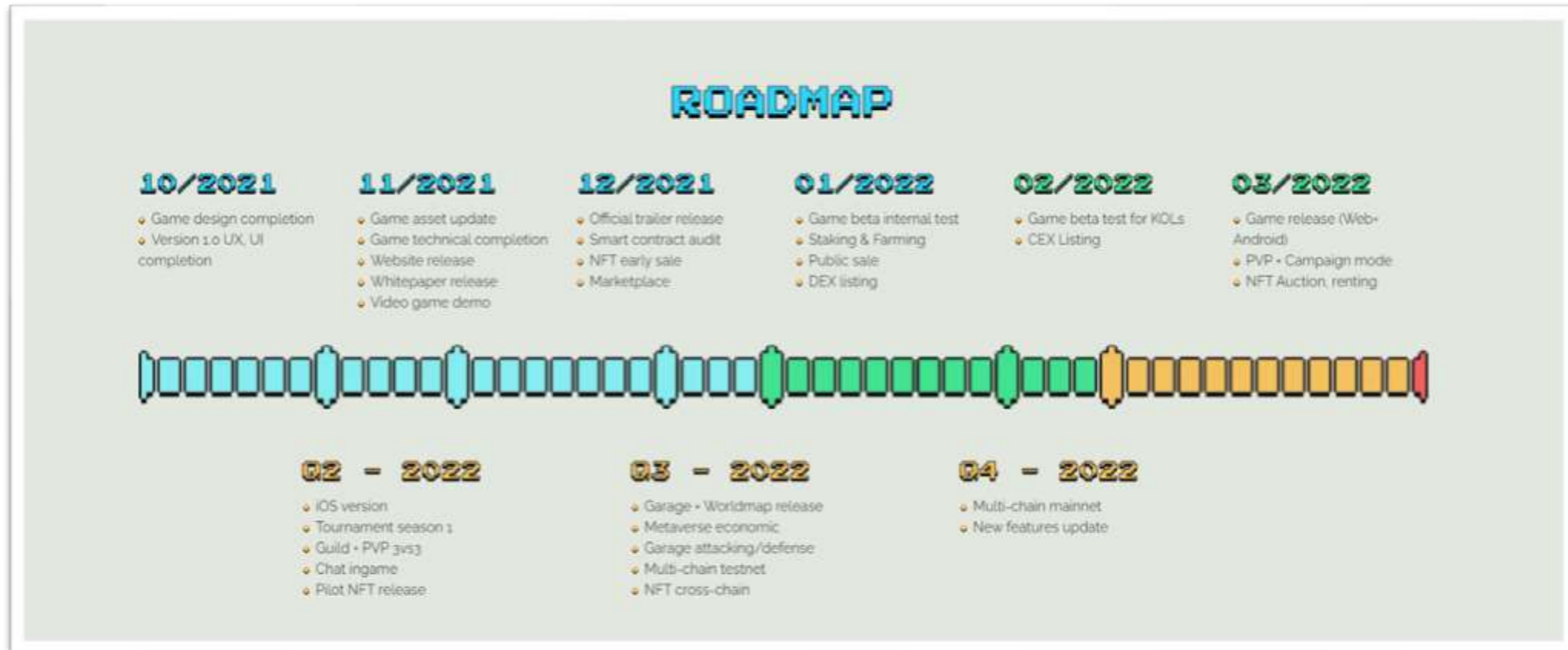
Team Overview

OUR TEAM

 TONY VU CO-FOUNDER 	 NANG DOAN CO-FOUNDER 	 KIMMIE VU CEO 	 CUONG CAO CIO 
 SURI HOANG CMO 	 MING VU CMO 	 HOANG PHAM CMO 	 HAI LEE BLOCKCHAIN ADVISOR 
 YEN NGUYEN GLOBAL COMMUNITY DIRECTOR 	 HAI NGUYEN REGIONAL COMMUNITY DIRECTOR 	 JULIA DAM BUSINESS DIRECTOR 	 THANH BUI PARTNERSHIP MANAGER 
 MINH NGUYEN BLOCKCHAIN DIRECTOR 	 DUNG PHAM PRODUCT DIRECTOR 	 BINH VU ART DIRECTOR 	 HIEN NGUYEN GRAPHIC DIRECTOR 

Roadmap

A roadmap was found on the official website, we have conveniently placed it on this page for your viewing.



Disclaimer



The opinions expressed in this document are for general informational purposes only and are **not intended to provide specific advice or recommendations for any individual or on any specific investment**. It is only intended to provide education and public knowledge regarding projects. This audit is only applied to the type of auditing specified in this report and the scope of given in the results. Other unknown security vulnerabilities are beyond responsibility. Dessert Finance only issues this report based on the attacks or vulnerabilities that already existed or occurred before the issuance of this report. For the emergence of new attacks or vulnerabilities that exist or occur in the future, Dessert Finance lacks the capability to judge its possible impact on the security status of smart contracts, thus taking no responsibility for them. The smart contract analysis and other contents of this report are based solely on the documents and materials that the contract provider has provided to Dessert Finance or was publicly available before the issuance of this report (issuance of report recorded via block number on cover page), if the documents and materials provided by the contract provider are missing, tampered, deleted, concealed or reflected in a situation that is inconsistent with the actual situation, or if the documents and materials provided are changed after the issuance of this report, Dessert Finance assumes no responsibility for the resulting loss or adverse effects. Due to the technical limitations of any organization, this report conducted by Dessert Finance still has the possibility that the entire risk cannot be completely detected. Dessert Finance disclaims any liability for the resulting losses.

Dessert Finance provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Even projects with a low risk score have been known to pull liquidity, sell all team tokens, or exit-scam. Please exercise caution when dealing with any cryptocurrency related platforms.

The final interpretation of this statement belongs to Dessert Finance.

Dessert Finance highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.



Thank You

DESSERT FINANCE PROJECT AUDIT HAS BEEN COMPLETED FOR METAGEAR TOKEN (GEAR) 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: **14922529**

THIS AUDIT IS ONLY VALID IF VIEWED ON [HTTPS://WWW.DSSERTSWAP.FINANCE](https://www.dessertswap.finance)

www.dessertswap.finance
<https://t.me/dessertswap>