



DESSERT
FINANCE

Galaxy Heroes (GHC)

BEP-20 Audit

Performed at block **16412253**

PERFORMED BY DESSERT FINANCE
FOR CONTRACT ADDRESS: 0x22dE16487955AE1f842fa0C0bFf6083a7fDEfeDd

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.

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DessertDoxxed

DessertDoxxed is a KYC service offered by Dessert Finance that allows projects to do a private face reveal matched with an I.D to allow founders / team members to privately Doxx themselves to Dessert Finance.

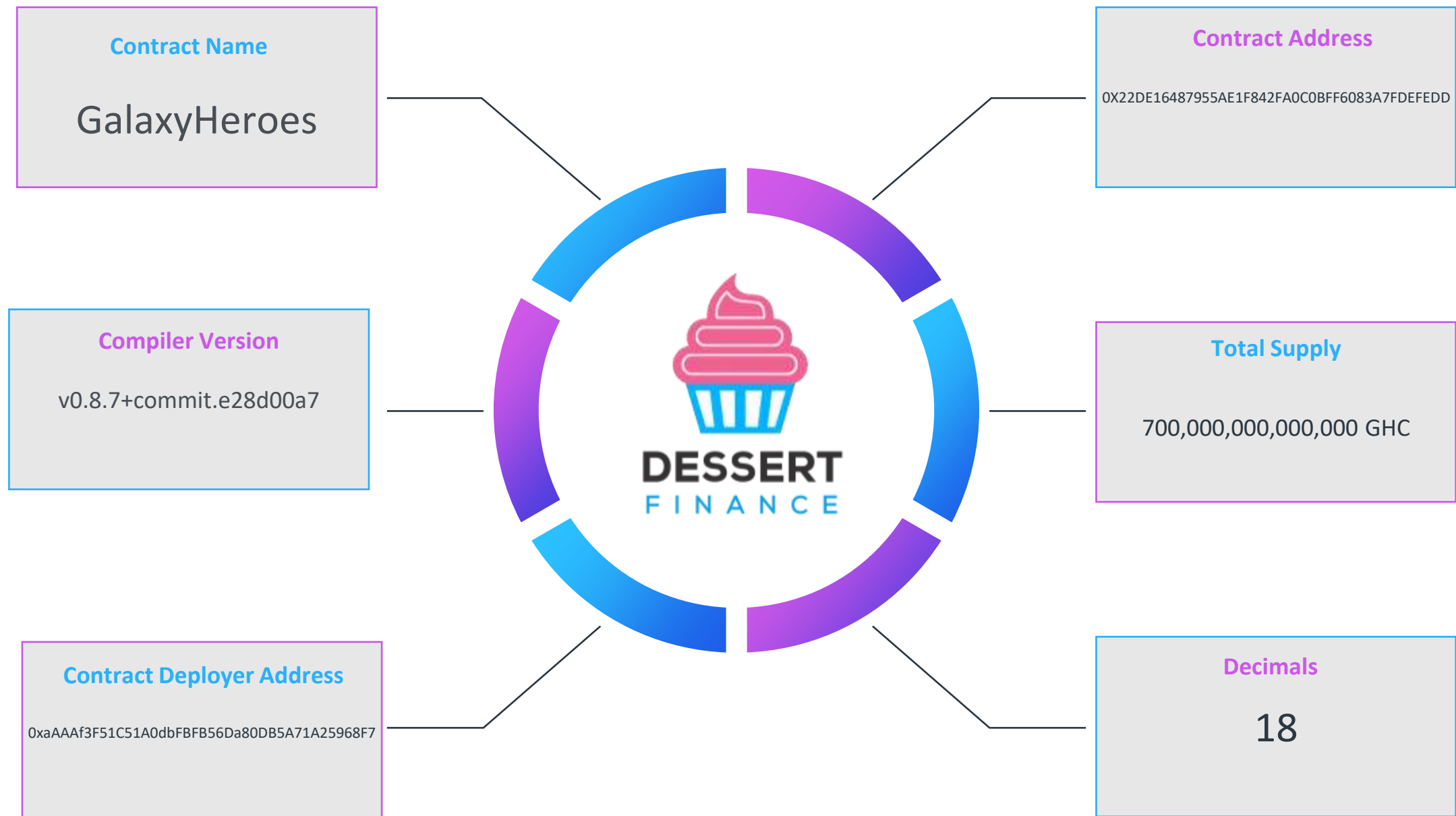


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Contract Code Audit – Token Overview



BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Galaxy Heroes (GHC)

```

pragma solidity "0.3.1";

import "openzeppelin/contracts/token/ERC20/ERC20.sol";
import "openzeppelin/contracts/access/Ownable.sol";
import "openzeppelin/contracts/access/AccessControl.sol";
import "openzeppelin/contracts/utils/math/SafeMath.sol";

contract GalaxyHeroes is ERC20, Ownable, AccessControl {
    using SafeMath for uint256;

    uint256 constant TOTAL_SUPPLY = 2000000000000000 ether;
    uint256 constant ROYALTY_BASE = 10000; // royalty base
    uint256 public royaltyFee; // royalty, ex: 500 / 10000 = 5%
    address public royaltyReceiver;
    bool public enableTransfer;
    mapping(address => bool) public royaltyWhitelist;
    mapping(address => bool) public transferWhitelist;

    bytes32 public constant OPERATOR_ROLE = keccak256("OPERATOR_ROLE");

    event Royalty(address indexed from, address indexed to, uint256 royalty);

    constructor(string memory name, string memory symbol, address _royaltyReceiver) {
        _setupRole(DEFAULT_ADMIN_ROLE, msgSender());
        _setupRole(OPERATOR_ROLE, msgSender());
        royaltyReceiver = _royaltyReceiver;
        royaltyFee = 500;
        enableTransfer = false;
        transferWhitelist[msgSender()] = true;
        royaltyWhitelist[msgSender()] = true;
        _mint(msgSender(), TOTAL_SUPPLY);
    }

    function transfer(address to, uint256 amount) public override returns (bool) {
        address from = msgSender();
        require(enableTransfer == true || transferWhitelist[from] == true || from == owner(), "Unable to transfer");
        if (royaltyWhitelist[from] == true) {
            _transfer(from, to, amount);
        } else {
            uint256 royaltyAmount = amount.mul(royaltyFee).div(ROYALTY_BASE);
            _transfer(from, royaltyReceiver, royaltyAmount);
            emit Royalty(from, to, royaltyAmount);
            _transfer(from, to, amount.sub(royaltyAmount));
        }
        return true;
    }

    function transferFrom(
        address from,
        address to,
        uint256 amount
    ) public override returns (bool) {
        require(enableTransfer == true || transferWhitelist[from] == true || from == owner(), "Unable to transfer");
        address spender = msgSender();
        spendAllowance(from, spender, amount);
        if (royaltyWhitelist[from] == true) {
            _transfer(from, to, amount);
        } else {
            uint256 royaltyAmount = amount.mul(royaltyFee).div(ROYALTY_BASE);
            _transfer(from, royaltyReceiver, royaltyAmount);
            emit Royalty(from, to, royaltyAmount);
            _transfer(from, to, amount.sub(royaltyAmount));
        }
        return true;
    }
}

```

Contract Address

0x22dE16487955AE1f842fa0C0bFf6083a7fDEfeDd

TokenTracker

Galaxy Heroes (GHC)

Contract Creator

0xaaaaf3f51c51a0dbfbfb56da80db5a71a25968f7

Source Code

Contract Source Code Verified

Contract Name

GalaxyHeroes

Other Settings

default evmVersion

Compiler Version

v0.8.7+commit.e28d00a7

Optimization Enabled

Yes with 9999 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 – Contract Ownership

Contract Ownership has not been renounced at the time of Audit



The contract ownership is not currently renounced.

We have placed the contract owner address below for your viewing:

[0x696acc497a12453255140f66eec2716ae81c37ef](https://etherscan.io/address/0x696acc497a12453255140f66eec2716ae81c37ef)

The address above has authority over the ownable functions within the contract.

This allows the owner to call certain functions within the contract. Any compromise to the owner wallet may allow these privileges to be exploited.

We recommend:

- Establishing a Time-Lock with reasonable latency
- Assignment of privileged roles to multi-signature wallets

Contract Code Audit – Owner Accessible Functions

Function Name	Parameters	Visibility	Audit Notes
setRoyaltyFee	uint256 _royaltyFee	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setRoyaltyReceiver	address _royaltyReceiver	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setEnableTransfer	bool _enableTransfer	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setRoyaltyWhitelist	address[] calldata whitelist, bool isWhitelist	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setTransferWhitelist	address[] calldata whitelist, bool isWhitelist	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
addOperator	address account	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
removeOperator	address account	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

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.



This page will contain links to locked liquidity for the project if we are able to locate that information.

Team.Finance

<https://www.team.finance/view-coin/0x22dE16487955AE1f842fa0C0bFf6083a7fDEfeDd?name=Galaxy%20Heroes&symbol=GHC>

Contract Code Audit – Mint Functions

This Contract CAN NOT Mint New GHC 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.

Contract Transaction Fees

At the time of Audit the transaction fees (“tax”) listed below are the fees associated with trading. These fees are taken from every buy and sell transaction unless otherwise stated.



Website Part 1 – Overview

www.galaxyheroescoin.com



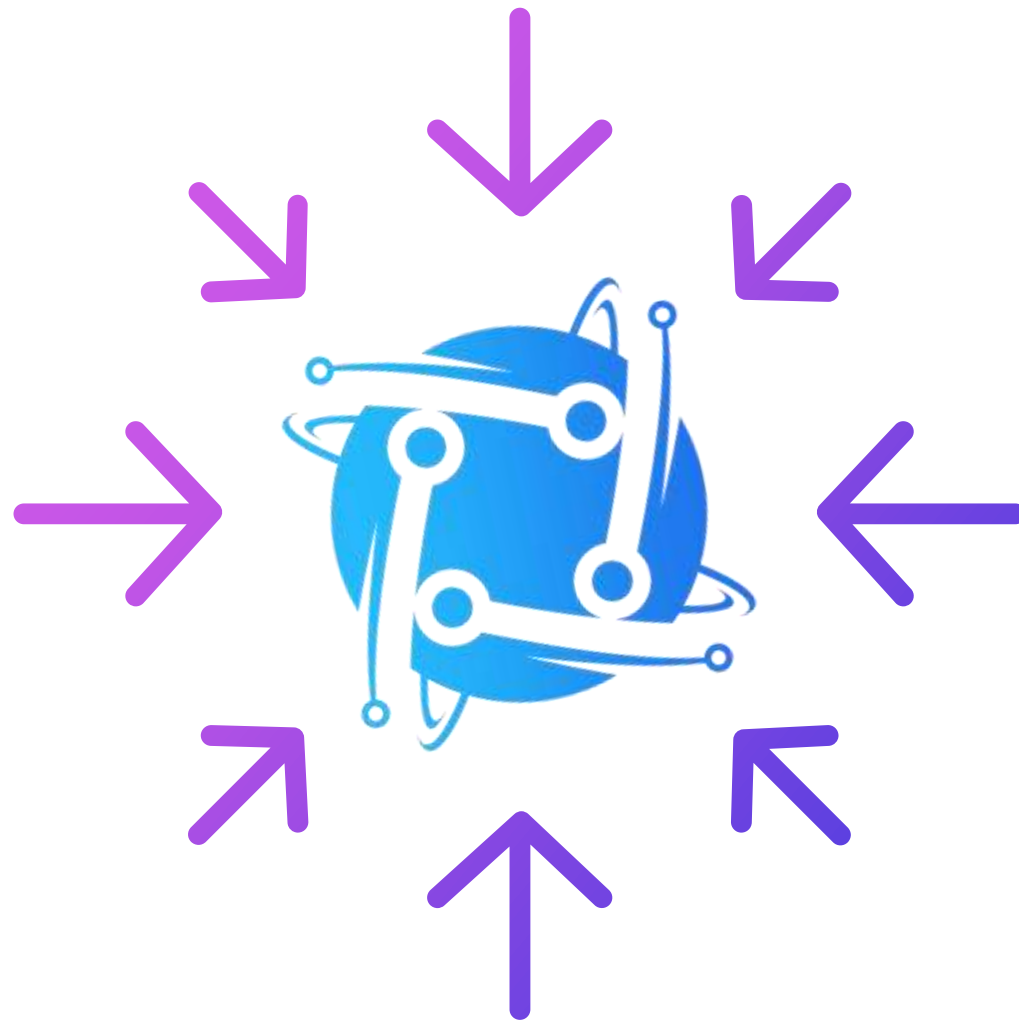
Above images are actual snapshots of the current live website of the project.

Website was registered on 08/27/2021, registration expires 08/27/2022.

X This meets 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: galaxyheroescoin.com

Issued by: R3

Valid Until: 05/26/2022



CONTACT EMAIL

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

[Contact](mailto:contact@galaxyheroescoin.com)

contact@galaxyheroescoin.com



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

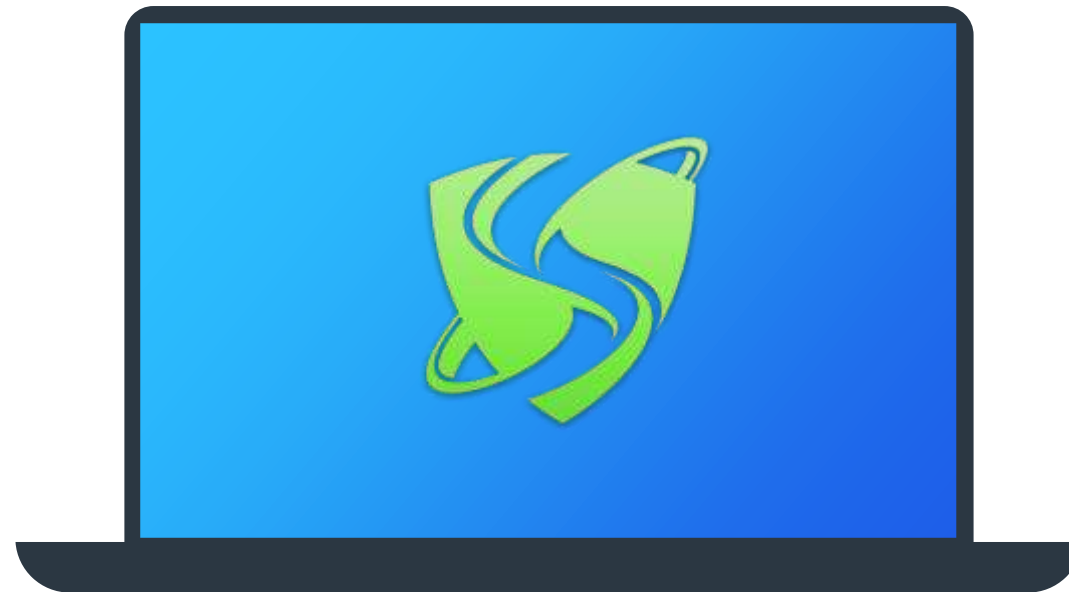
No internal server errors

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](#)



[Reddit](#)



[Discord](#)



[Facebook](#)



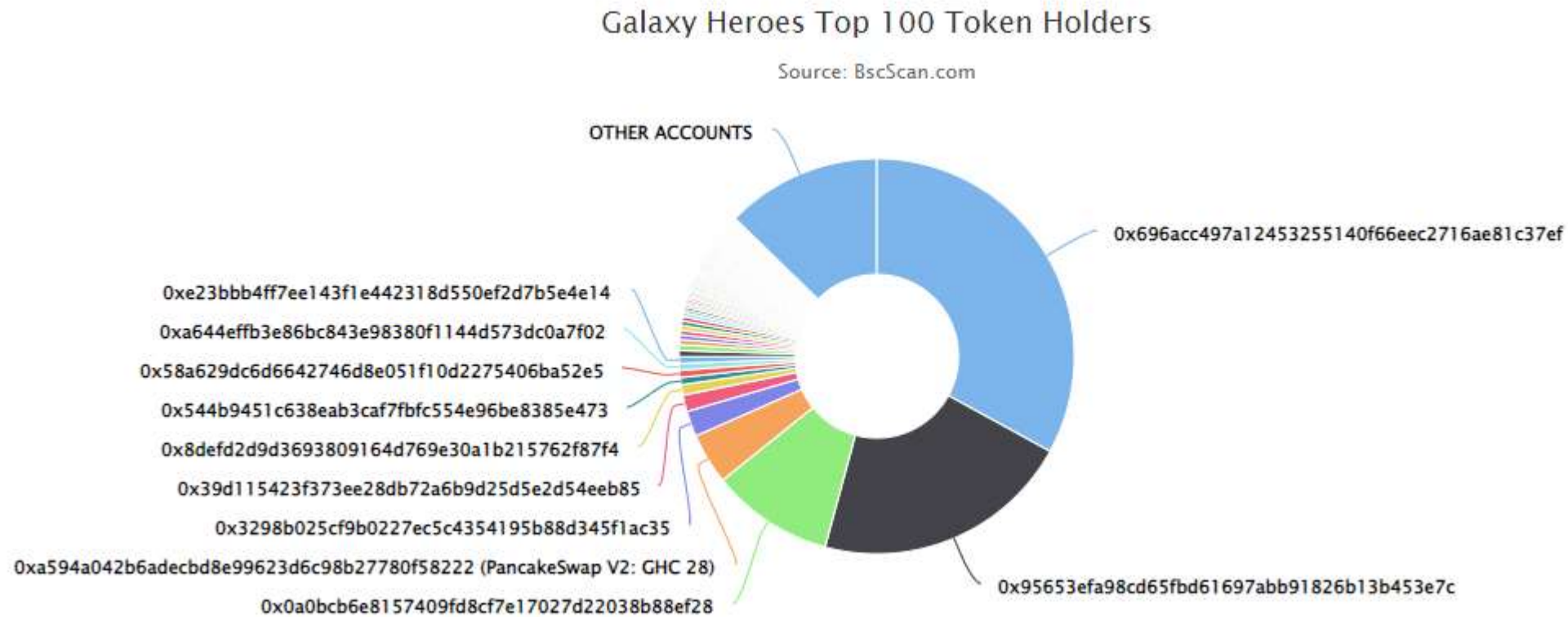
[Instagram](#)

✓ At least 3 social media networks were found.

Top Token Holders

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

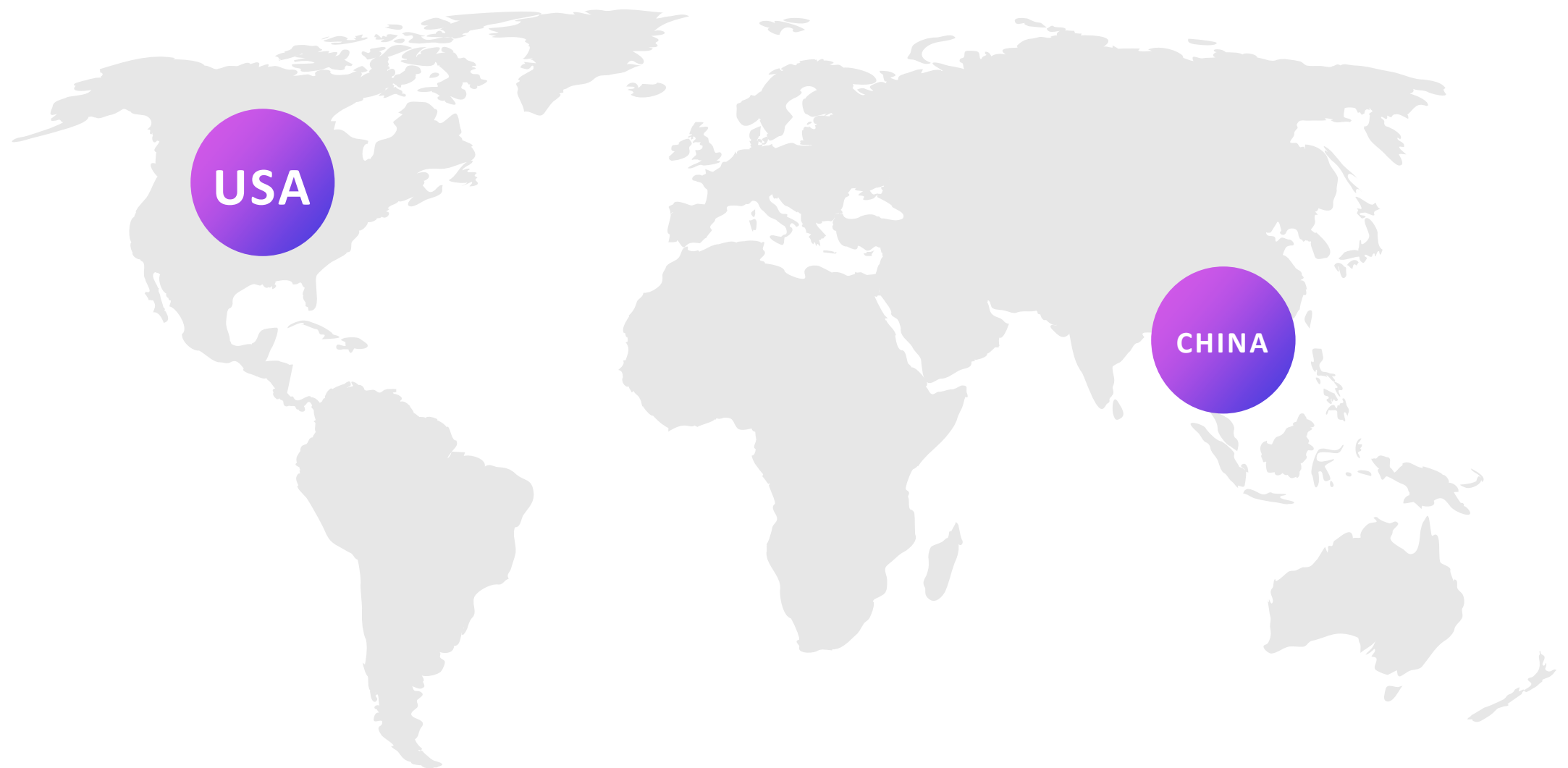
[Click here to view the most up-to-date list of holders](#)



Rank	Address	Quantity (Token)	Percentage
1	0x696acc497a12453255140f66eec2716ae81c37ef	230,948,304,450,969.380879459672543308	32.9926%
2	0x95653efa98cd65fbd61697abb91826b13b453e7c	148,643,089,681,902.9732373615	21.2347%
3	0x0a0bcb6e8157409fd8cf7e17027d22038b88ef28	70,000,000,000,100	10.0000%
4	PancakeSwap V2: GHC 28	29,210,552,046,898.715054165787727595	4.1729%
5	0x3298b025cf9b0227ec5c4354195b88d345f1ac35	14,732,680,472,551.79800548349999995	2.1047%

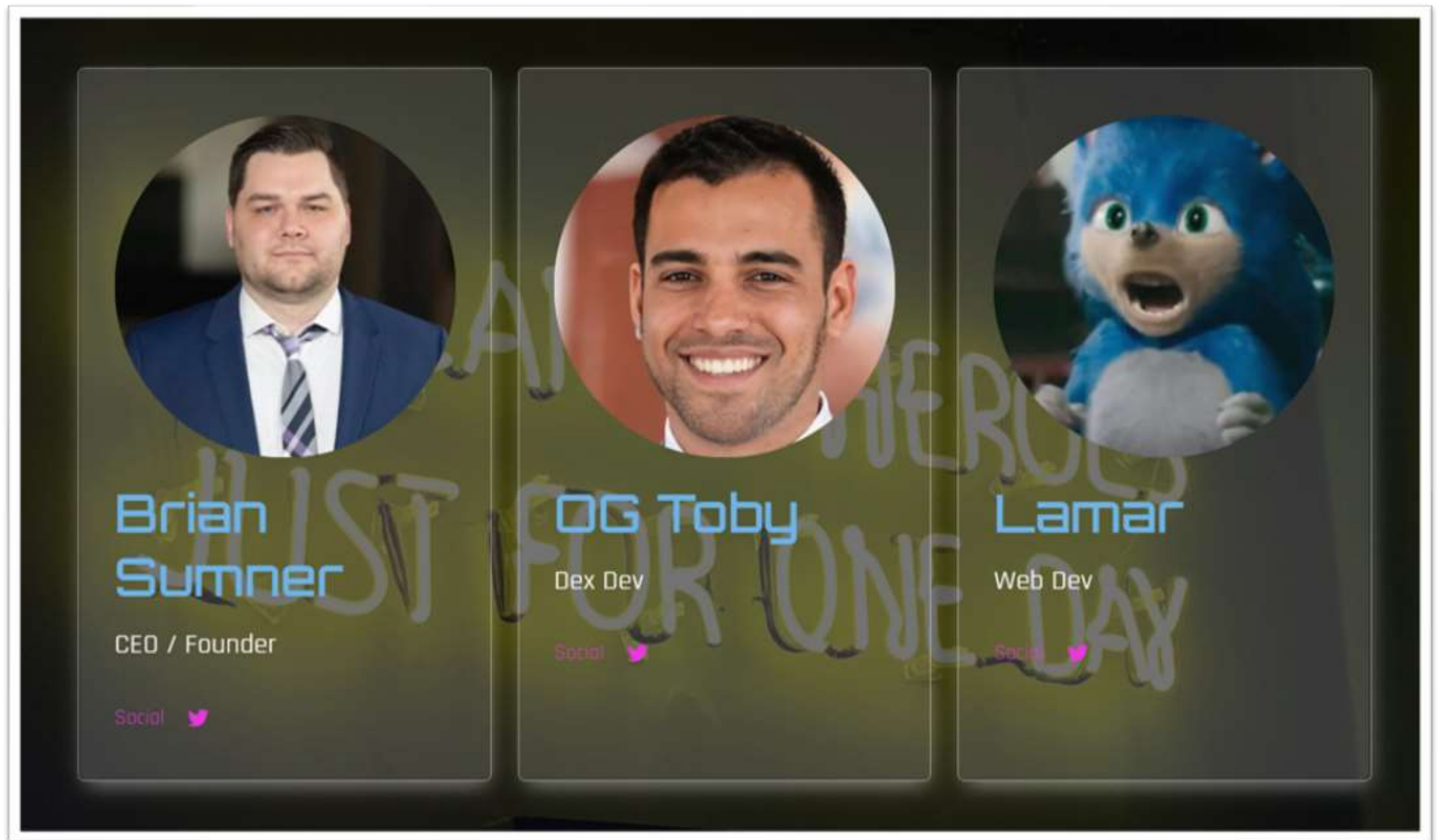
Location Audit

The primary locations for the project have been declared to be the USA and China.



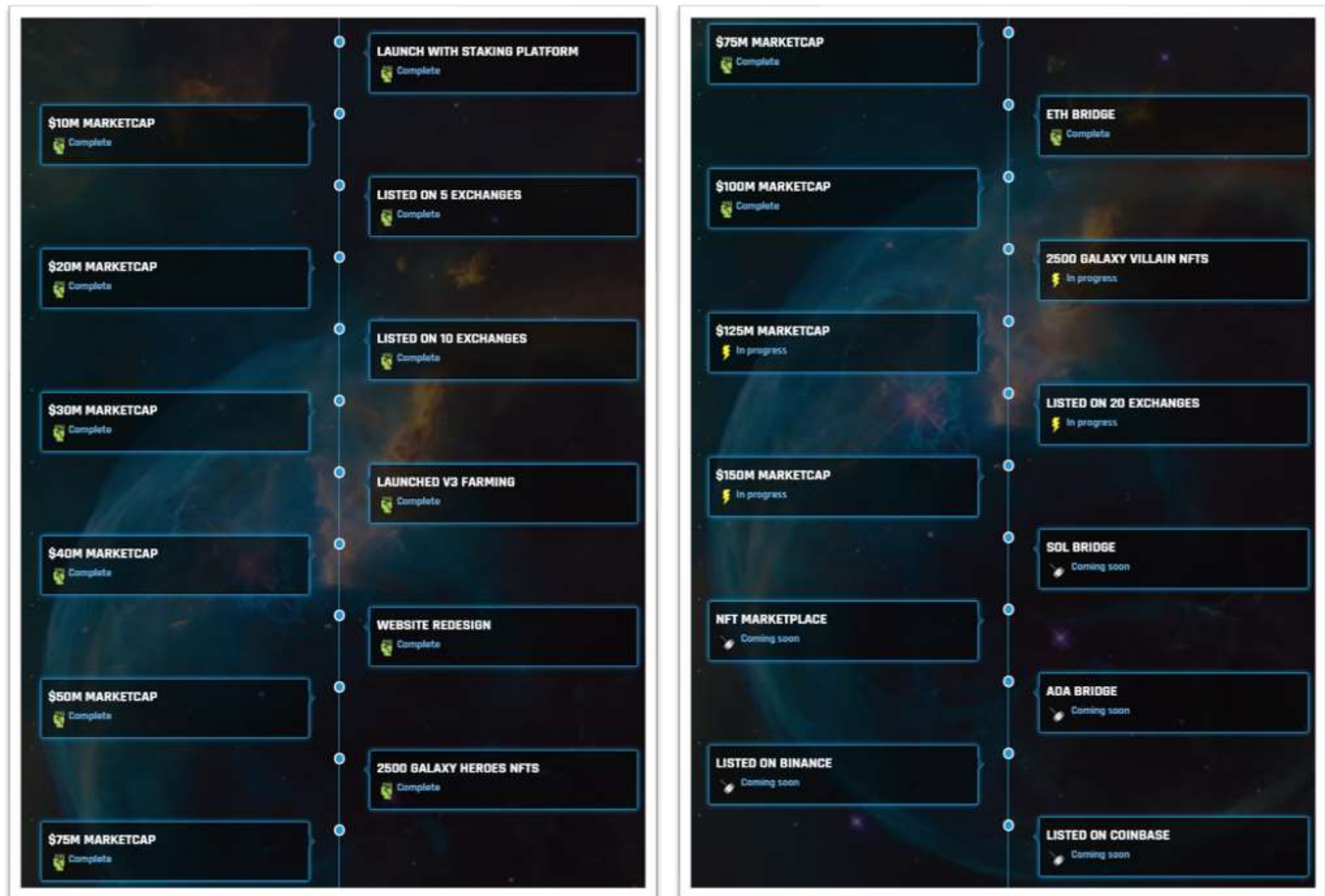
Team Overview

The following information about the team has been located on the project's website.



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 GALAXY HEROES (GHC) 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: **16412253**

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

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