



**DESSERT**  
FINANCE

## Bard Protocol (BARD)

ERC-20 Audit

Performed at block 16998307

PERFORMED BY DESSERT FINANCE

FOR CONTRACT ADDRESS: 0x9E7e87608A34Bc66396D53e69B9495Bd8f5414DF

VERIFY THIS REPORT IN THE [@DESSERTSWAP](#) TELEGRAM, [CLICK HERE](#)

## 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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# Contract Code Audit – Token Overview



# ERC-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on BardProtocol

```
*Submitted for verification at Etherscan.io on 2023-03-19
*/
/// SPDX-License-Identifier: Unlicensed

pragma solidity ^0.8.0;

abstract contract Context {
    function _msgSender() internal view virtual returns (address) {
        return msg.sender;
    }
}

interface IERC20 {
    function totalSupply() external view returns (uint256);

    function balanceOf(address account) external view returns (uint256);

    function transfer(address recipient, uint256 amount) external returns (bool);

    function allowance(address owner, address spender) external view returns (uint256);

    function approve(address spender, uint256 amount) external returns (bool);

    function transferFrom(
        address sender,
        address recipient,
        uint256 amount
    ) external returns (bool);

    event Transfer(address indexed from, address indexed to, uint256 value);
    event Approval(
        address indexed owner,
        address indexed spender,
        uint256 value
    );
}

contract Ownable is Context {
    address private _owner;
    address private _previousOwner;
    event OwnershipTransferred(
        address indexed previousOwner,
        address indexed newOwner
    );

    constructor() {
        address msgSender = _msgSender();
        _owner = msgSender;
        emit OwnershipTransferred(address(0), msgSender);
    }

    function owner() public view returns (address) {
        return _owner;
    }

    modifier onlyOwner() {
        require(_owner == _msgSender(), "Ownable: caller is not the owner");
        _;
    }
}
```

## Contract Address

0x9E7e87608A34Bc66396D53e69B9495Bd8f5414DF

## TokenTracker

Bard Protocol (BARD)

## Contract Creator

0x0a9bfcfaa760196daaa70a4dff2e0483f2b7dcd2

## Source Code

Contract Source Code Verified

## Contract Name

BardProtocol

## Other Settings

default evmVersion, None

## Compiler Version

v0.8.9+commit.e5eed63a

## Optimization Enabled

No with 200 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 Etherscan.

# ERC-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 Etherscan.

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

# Contract Code Audit – Contract Ownership

Contract Ownership has been renounced at the time of Audit



The contract ownership is currently renounced.

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

[0x00](#)

# Contract Code Audit – Owner Accessible Functions

Function Name	Parameters	Visibility	Audit Notes
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setTrading	bool _tradingOpen	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
blockBots	address[] memory bots_	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
unblockBot	address notbot	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
removeLimits		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setFee	uint256 redisFeeOnBuy, uint256 redisFeeOnSell, uint256 taxFeeOnBuy, uint256 taxFeeOnSell	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMinSwapTokensThreshold	uint256 swapTokensAtAmount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
toggleSwap	bool _swapEnabled	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeMultipleAccountsFromFees	address[] calldata accounts, bool excluded	public	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. The team has provided a link to a tx for burned Liquidity (which cannot be retrieved).

## Burned LP

<https://etherscan.io/tx/0x54b98106d692e532984c7793bece9e8f67af5db1505b9cb00893b8aac9ba14a7>

# Contract Code Audit – Mint Functions

This Contract Cannot Mint New BARD Tokens.

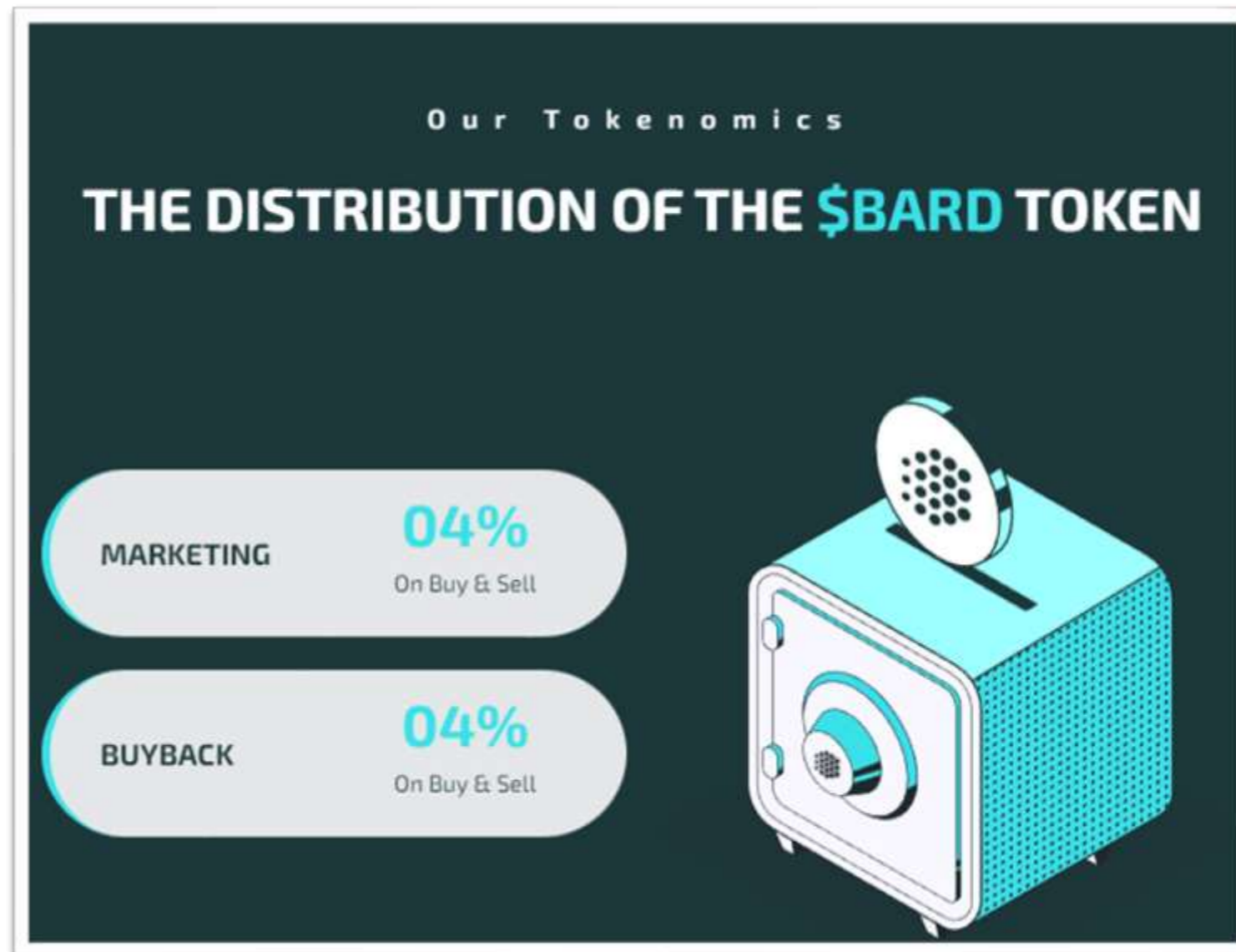


We do understand that sometimes mint functions are essential to the functionality of the project.

**A mint function was not found in the contract code.**

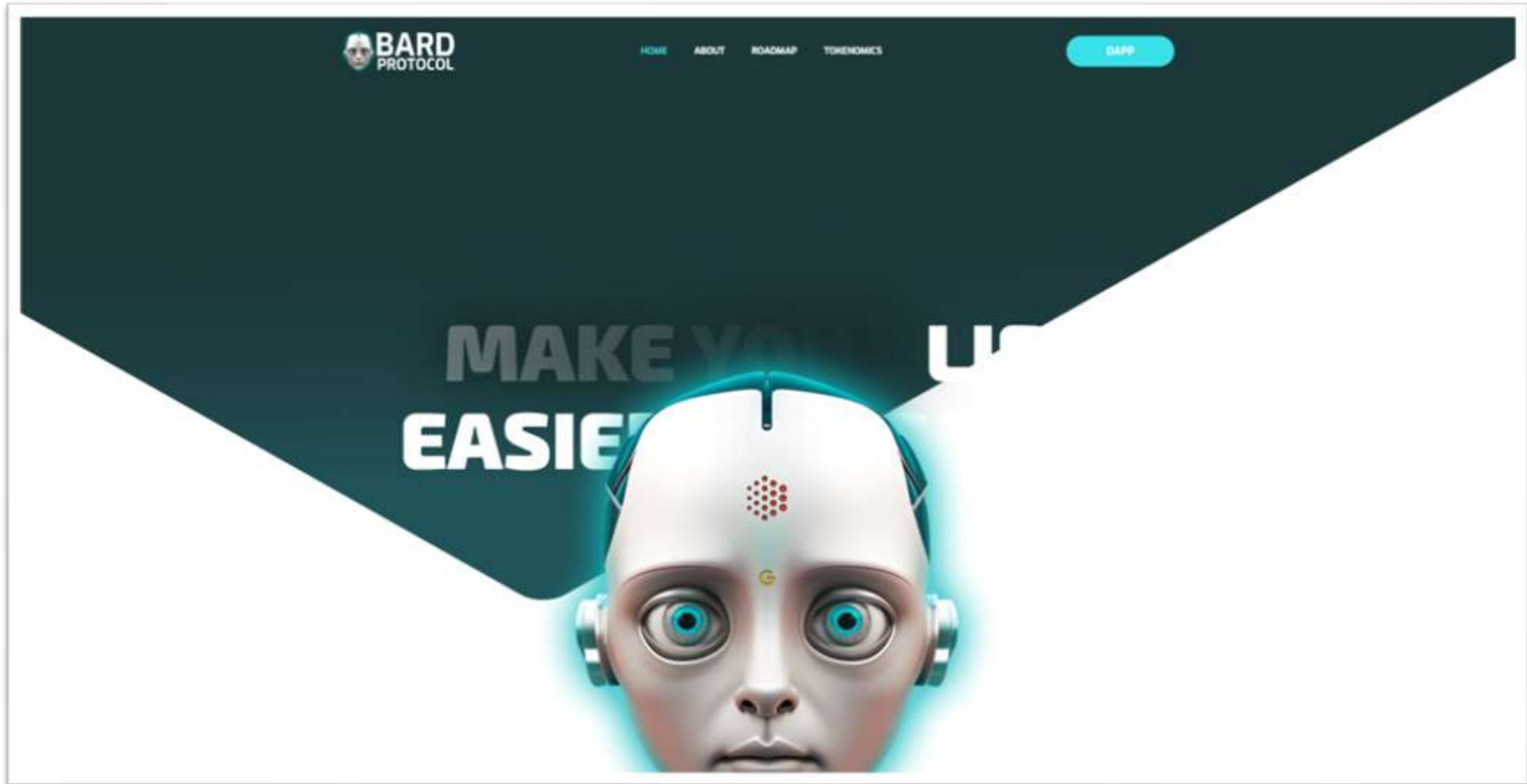
# Contract Transaction Fees

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

<https://bard-protocol.com>



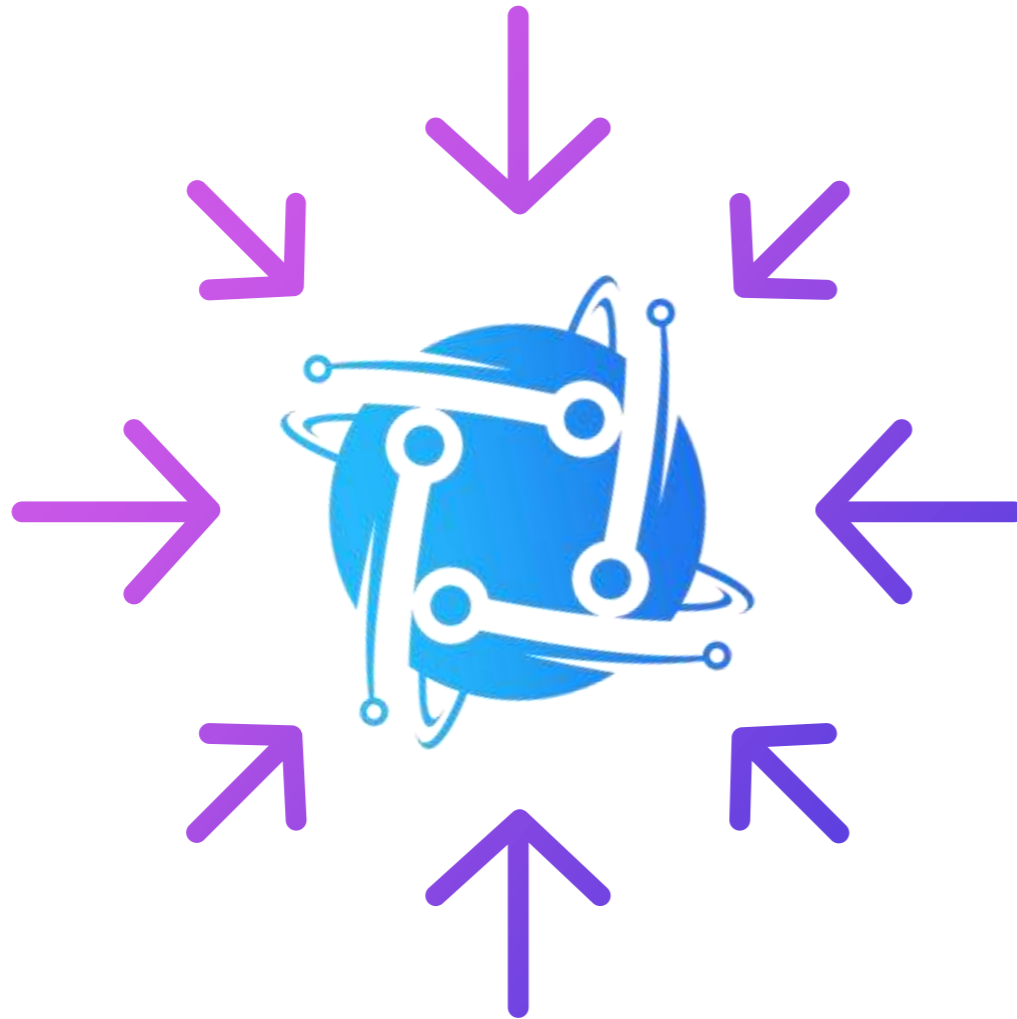
Above images are actual snapshots of the current live website of the project.

Website was registered on 03/05/2023, registration expires 05/03/2026.

✓ 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. Minor JavaScript errors were found.



```
Theme Options / Menu & Header
✖ Failed to load resource: the server responded with a status of 403 ( )
✖ Failed to load resource: the server responded with a status of 403 ( )
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```



# Website Part 4 (GWS) – General Web Security



## SSL CERTIFICATE

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

Offered to: [bard-protocol.com](https://bard-protocol.com)

Issued by: R3

Valid Until: June 2023



## CONTACT EMAIL

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

[Contact](mailto:contact@bard-protocol.com)

[contact@bard-protocol.com](mailto:contact@bard-protocol.com)



## SPAM / MALWARE / POPUPS

No malware found

No injected spam found

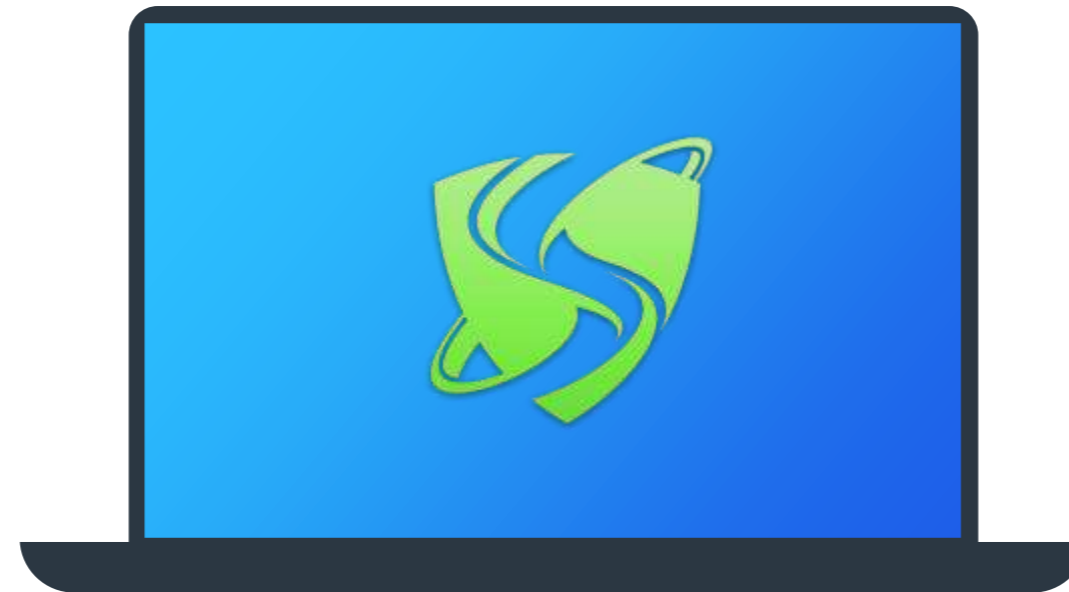
No internal server errors

No popups found

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



# Social Media

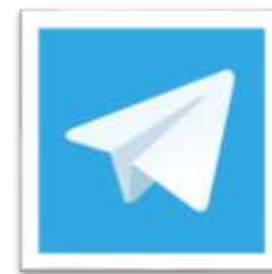


We were able to locate a variety of Social Media networks for the project.

All links have been conveniently placed below.



[Twitter](#)



[Telegram](#)



[TikTok](#)

✓ At least 3 social media networks were found.



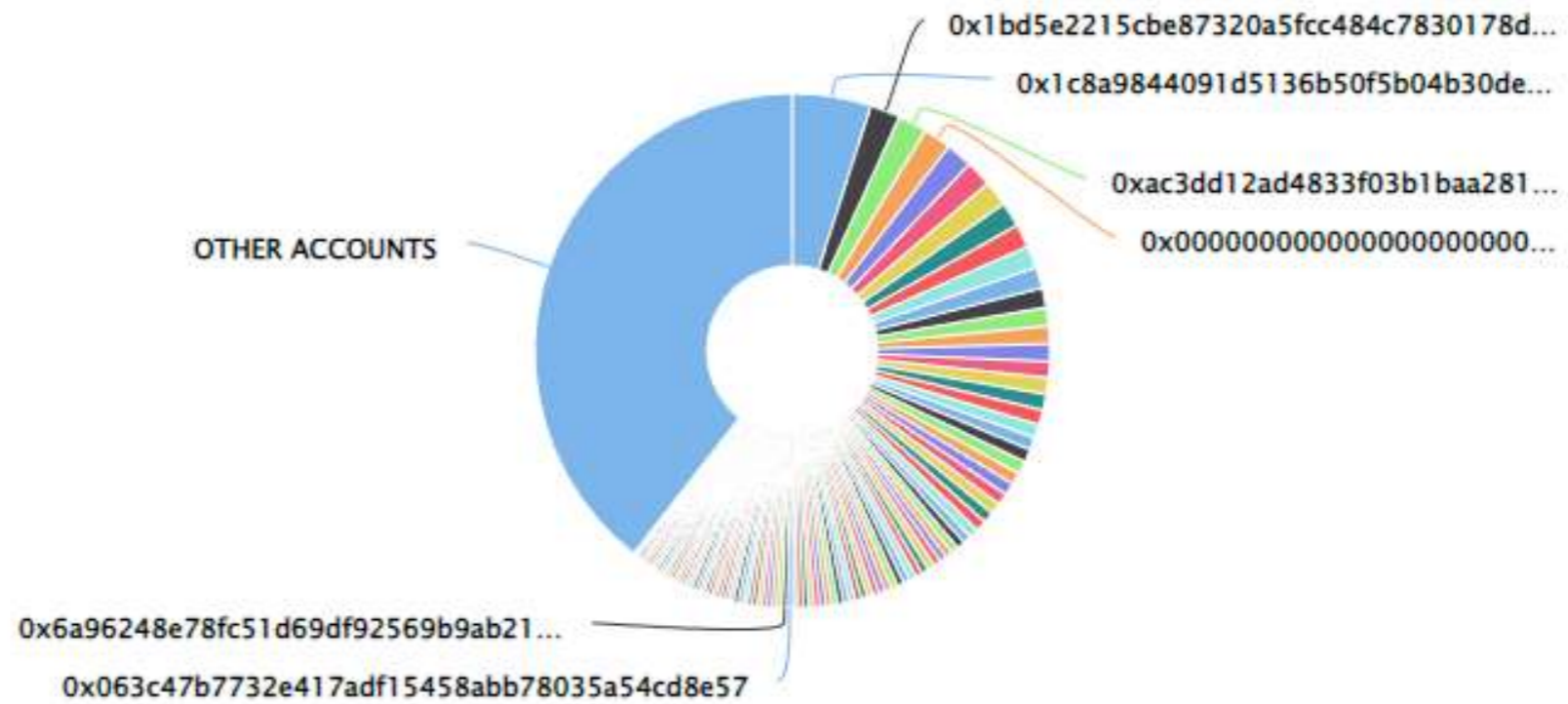
# Top Token Holders

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](#)

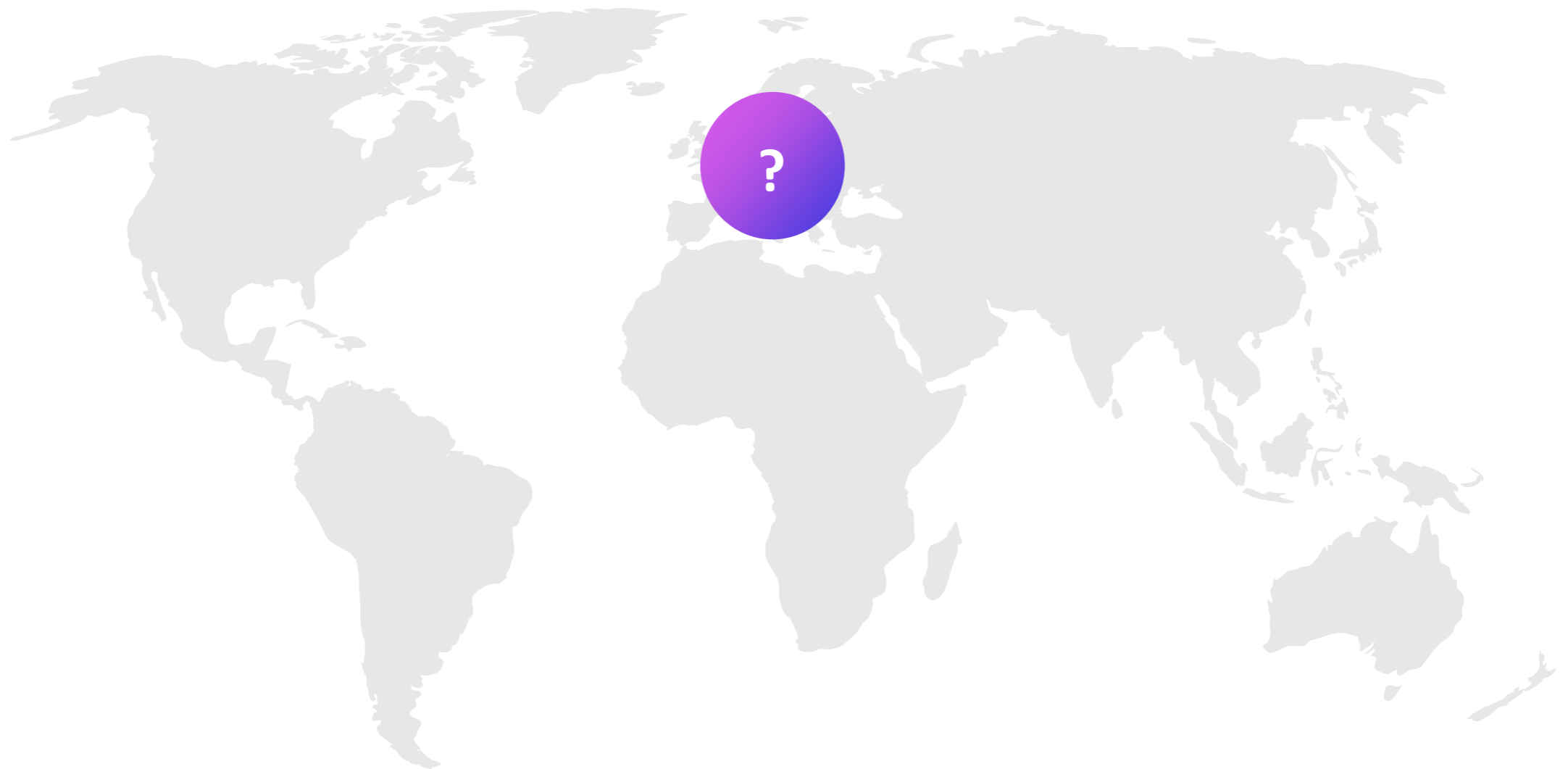
## Bard Protocol Top 100 Token Holders

Source: Etherscan.io

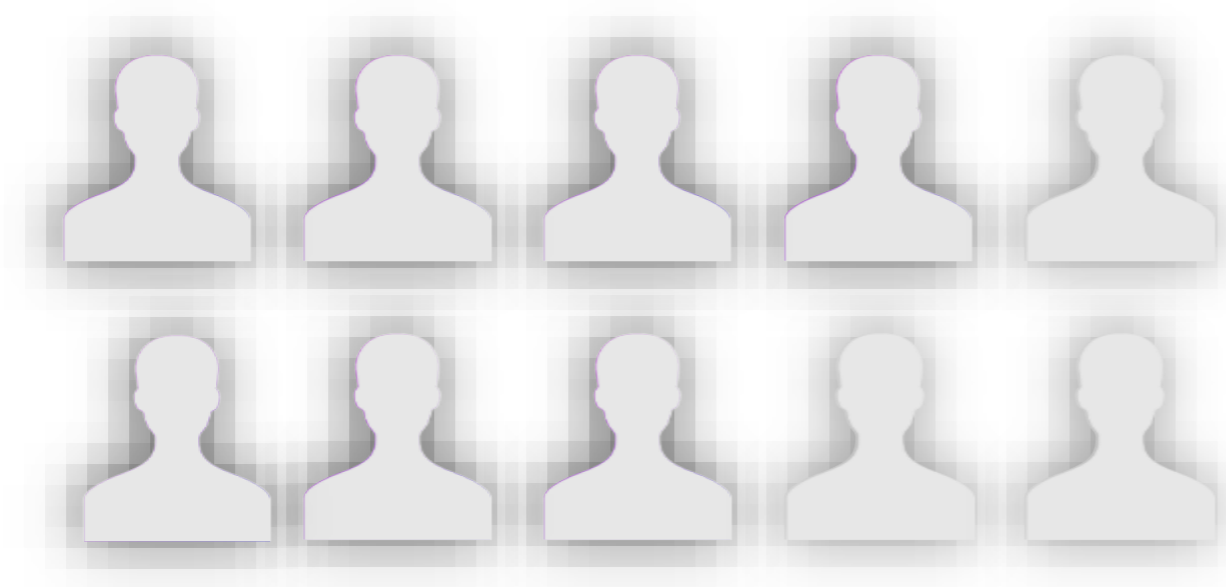


# Location Audit

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



# Team Overview



We are unable to find any information about the team on the website at this time. Projects may choose to stay anonymous for a myriad of reasons.

# Roadmap

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

**OUR ROADMAP**

## Follow the evolution step by step

PHASE # 0 1	PHASE # 0 2	PHASE # 0 3
<p>— <b>@bardy_bot v1</b></p> <p>Developing and delivering the most advanced AI bot on Telegram &amp; Twitter... for free.</p> <p>+ <b>Initial Marketing Push</b></p>	<p>— <b>@bardy_bot v2</b></p> <p>Deploying the first update to @bardy_bot which has a more advanced general language understanding and is able to write code.</p> <p>+ <b>Second Marketing Push</b></p>	<p>— <b>@bardy_bot BARD version</b></p> <p>Once Google releases BARD API to the public, we will update @bardy_bot to be the official bot offering Google BARD services through Telegram &amp; Twitter. We will also be transitioning to other platforms like Facebook &amp; Discord.</p> <p>+ <b>Ads Implementation</b></p>

# 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 BARD PROTOCOL (BARD) AT BLOCK NUMBER: **16998307**

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

[www.dessertswap.finance](https://www.dessertswap.finance)  
<https://t.me/dessertswap>