

DESSERT  
FINANCE



Tosa Inu

BEP-20 Audit

Performed at block **13106528**

PERFORMED BY DESSERT FINANCE  
FOR CONTRACT ADDRESS: Repository Audited

## INITIAL DISCLAIMER

Dessert Finance provides due-diligence project audits for various BSC 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 a project audit can be seen as a sign of confidence and is generally the first sign of trust for a project, but in no way guarantees that a team will not remove *all* liquidity (“Rug Pull”), sell off tokens, 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.

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# BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Tosa Inu

```
pragma solidity 0.8.18;

import "@openzeppelin/contracts/tokens/ERC20/ERC20.sol";
import "@openzeppelin/contracts/tokens/ERC20/extensions/ERC20Metadata.sol";
import "@openzeppelin/contracts/access/Ownable.sol";
import "@openzeppelin/contracts/security/Pausable.sol";

import "../interfaces/UniswapV2Router02.sol";
import "../interfaces/UniswapV2Factory.sol";

import "../Blacklist.sol";

enum Entity {
    Seller,
    Buyer
}

contract TosaInu is ERC20, ERC20Metadata, Pausable, Ownable, Blacklist {
    //***** Events *****
    event LogLiquidityEvent(
        uint256 tokensSwapped,
        uint256 ethReceived,
        uint256 tokensIntoLiquidity
    );

    event LogLiquidityEventState(bool state);

    //***** State Variables *****
    //***** Public *****
    string private _name = "Tosa Inu";
    string private _symbol = "TOSA";

    uint8 private _decimals = 18;

    UniswapV2Router02 public uniswapV2Router;
    address public uniswapV2Factory;
    address public marketingFund;
    address public presaleContract;

    uint256 public totalFees;

    uint256 public buyerReflectionTax;
    uint256 public buyersLiquidityTax;
    uint256 public buyersMarketingTax;

    uint256 public sellerReflectionTax = 1; // 1%
    uint256 public sellersLiquidityTax = 1; // 1%
    uint256 public sellersMarketingTax = 2; // 2%

    bool public liquidityEventInProgress;
    bool public liquidityEventState;

    //dev 0.3% of total supply a wallet can have
    uint256 public maxWalletAmount = 5 * 10**6 * 10**18;

    //dev 0.2% of total supply can be transferred at once
    uint256 public maxTxAmount = 2 * 10**6 * 10**18;

    //***** Private *****
    uint256 private constant MAX_INT_VALUE = type(uint256).max;
    uint256 private _totalSupply = 10**9 * 10**18;
}
```

The contract code is **not 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 **not verified** on BSCScan.

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

# Contract Code Audit – Mint Functions

This Contract Cannot Mint New Tosa Inu 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.**

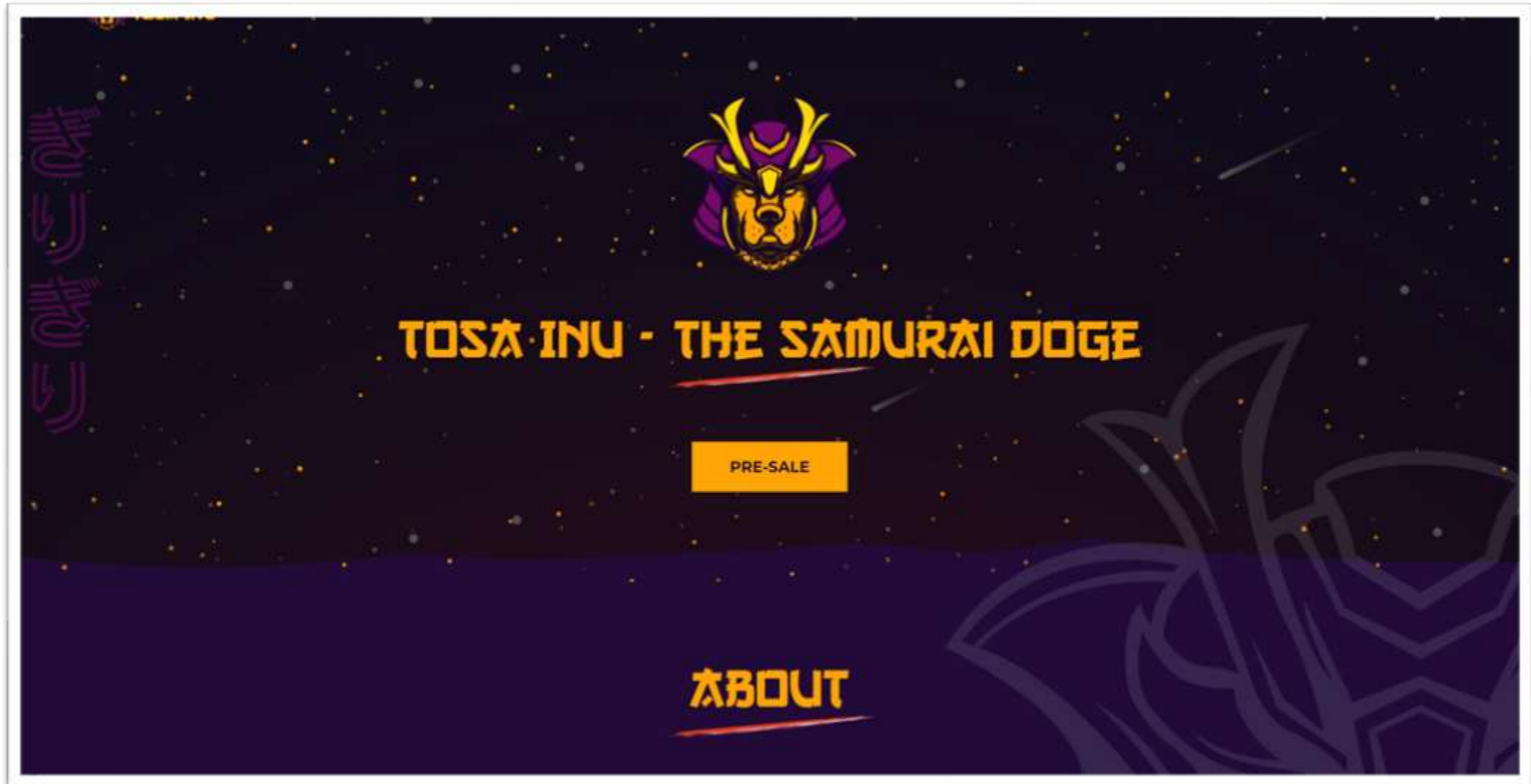
# Contract Transaction Fees

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.

**We have decided to keep the supply at 1 Billion tokens, and this is our token distribution - All transactions have a seller fee that will vary over time, the max seller fee is 6% (3% Liquidity, 2% Marketing, 1% Holders):**

## Website Part 1 – Overview

[www.tosainu.app](http://www.tosainu.app)



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

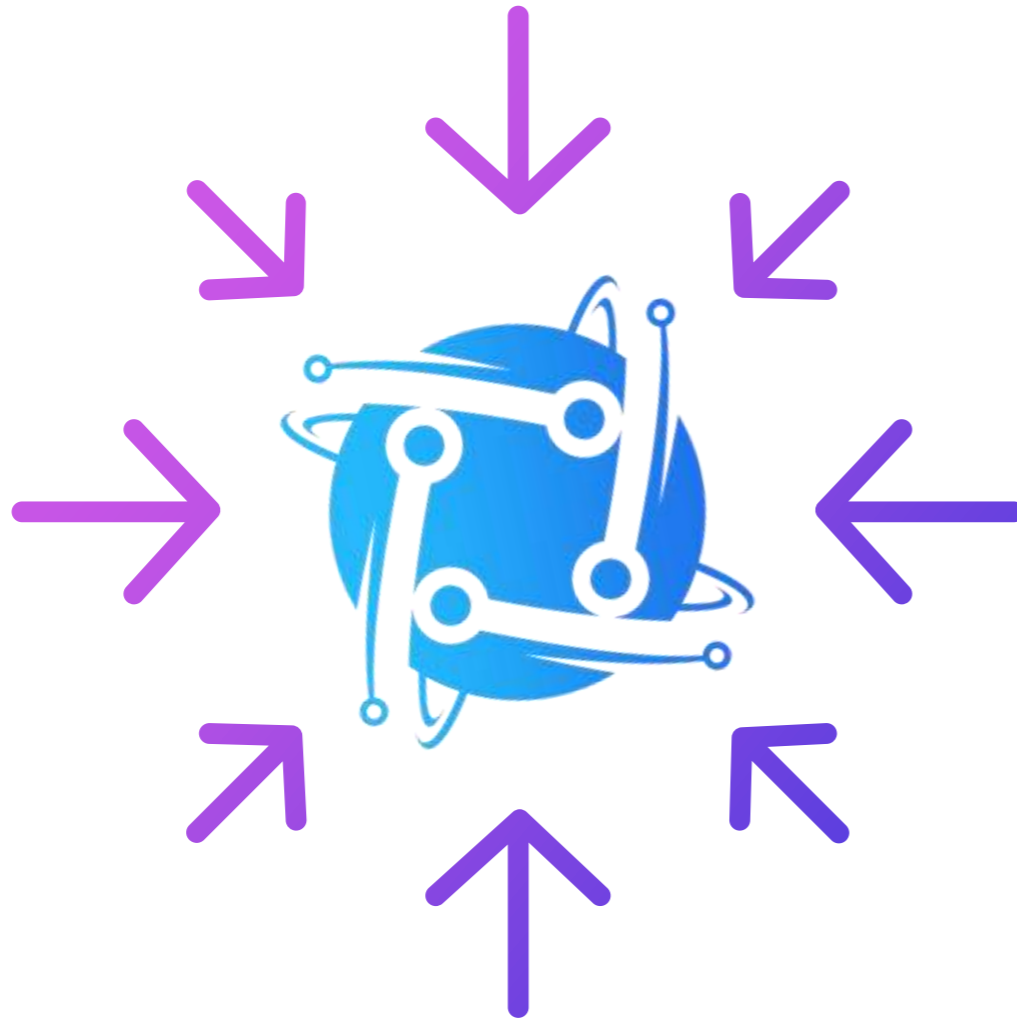
Website was registered on 09/04/2021, registration expires 09/04/2022.

**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

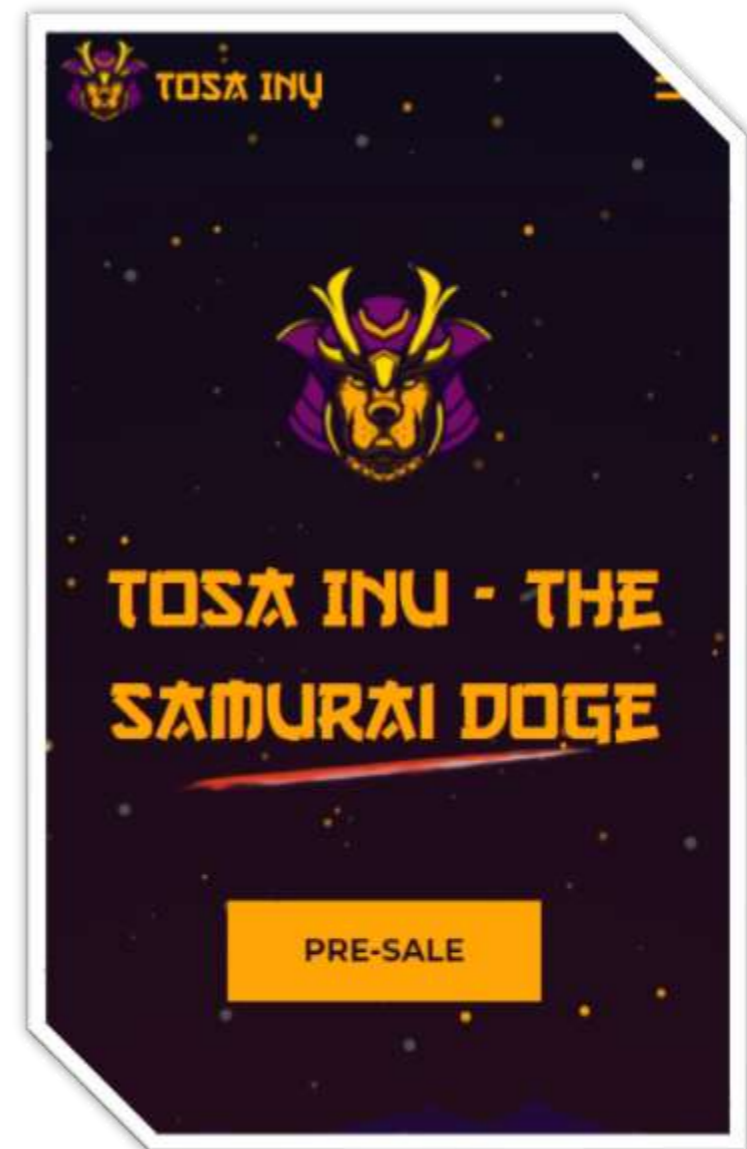
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

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: tosainu.app

Issued by: R3

Valid Until: 2/16/2022



## CONTACT EMAIL

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

Contact

N/A



## SPAM / MALWARE / POPUPS

No malware found

No injected spam found

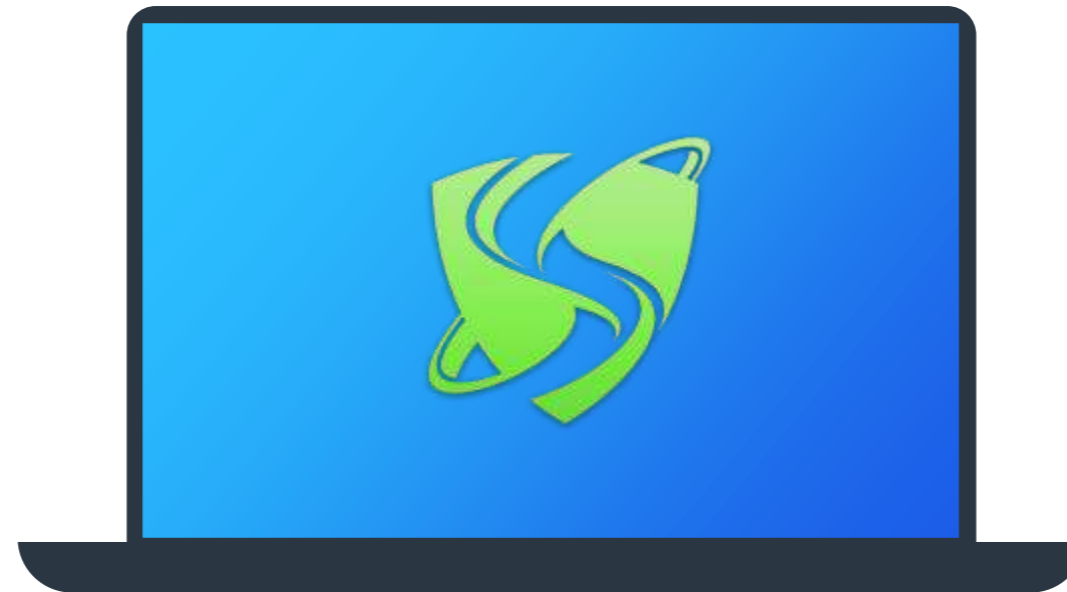
No internal server errors

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](#)

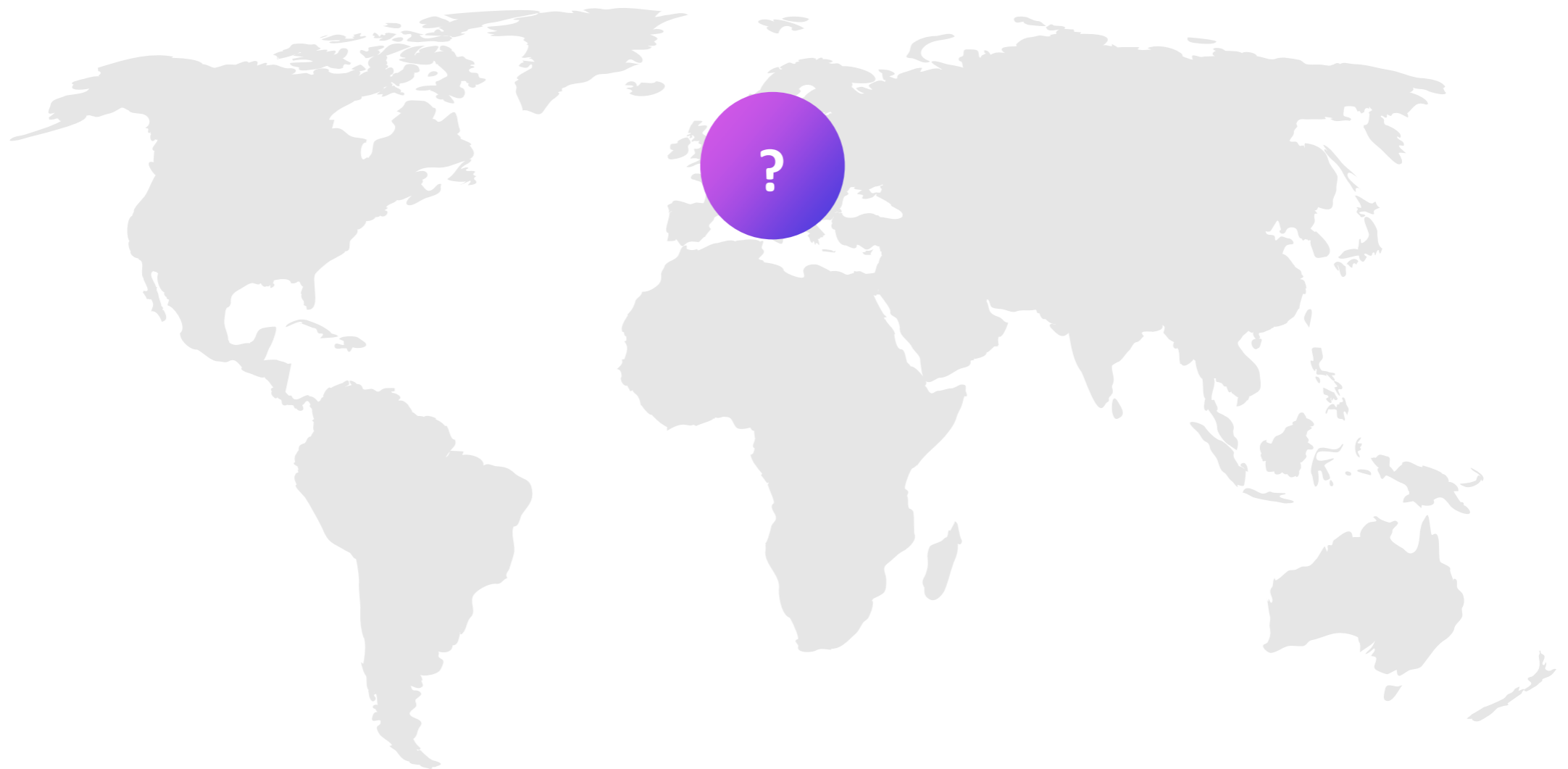


[Instagram](#)

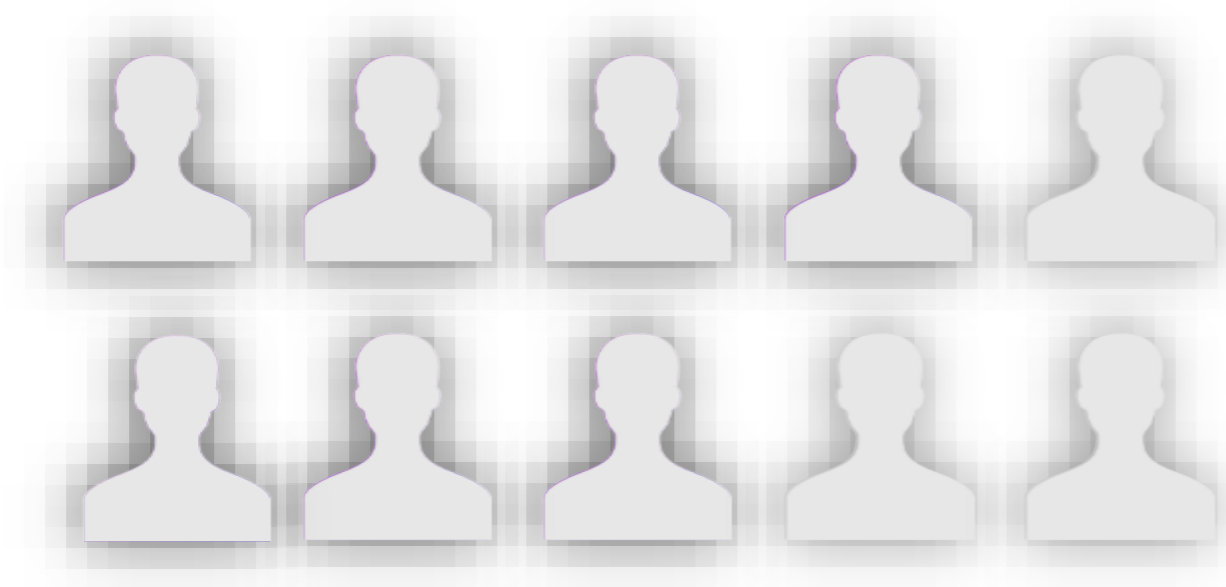
✓ **At least 3 social media networks were found.**

# Location Audit

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



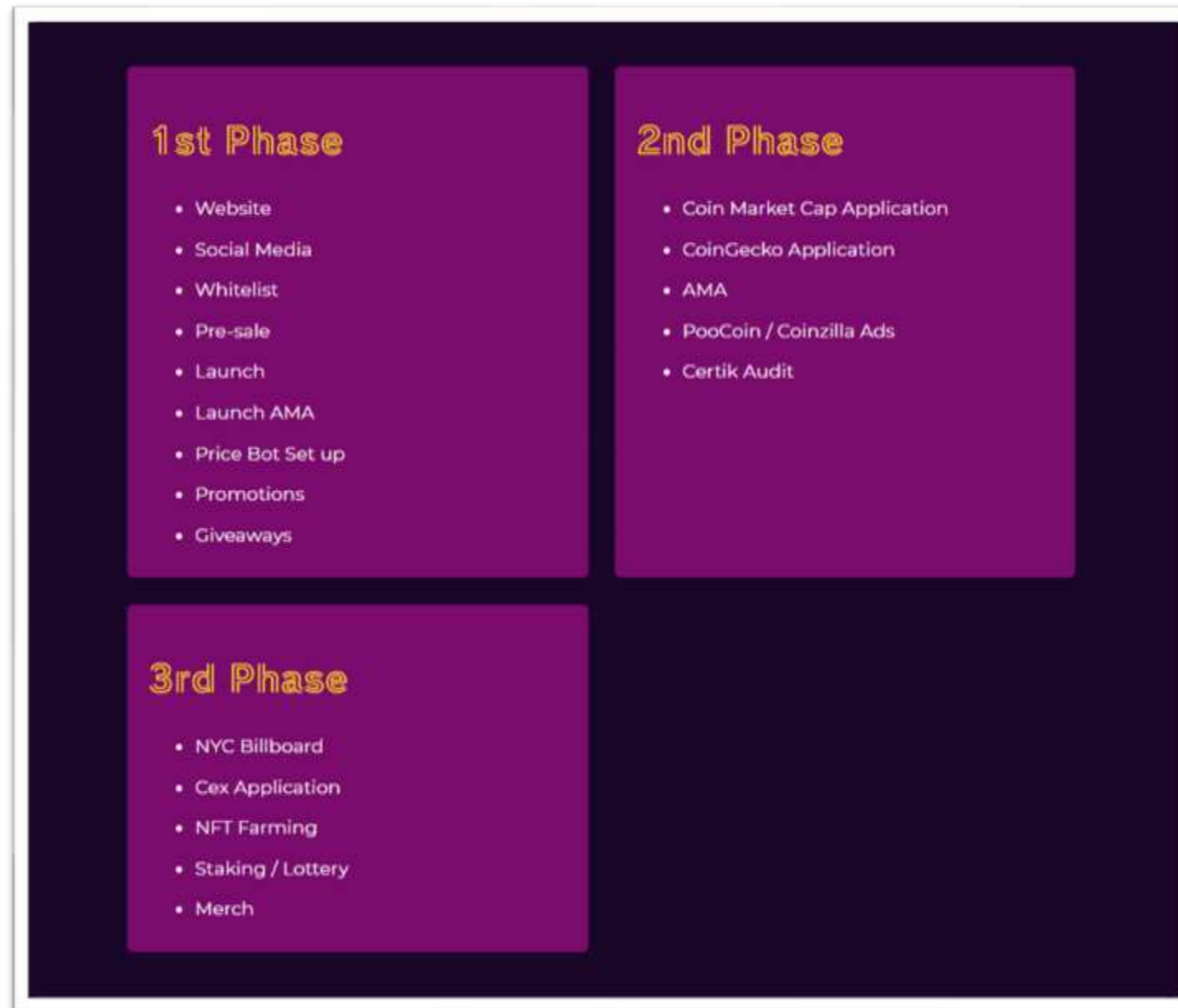
# Team Overview



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.*



# 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 BSC 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 TOSA INU AT BLOCK NUMBER: **13106528**

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