



DESSERT
FINANCE

BulbFi (BLB)

BEP-20 Audit

Performed at block **16293930**

PERFORMED BY DESSERT FINANCE
FOR CONTRACT ADDRESS: **0x217e6DcF6Cc3BD3a8d6e7f092d0434418F3Ae78e**

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



BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on BulbFi (BLB)



```
Submitted for verification at BscScan.com on 2022-08-11
//SPDX-License-Identifier: MIT
pragma solidity ^0.8.12;

/**
 * @title Bulb Finance
 */
library SafeMath {
    function tryAdd(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        unchecked {
            uint256 c = a + b;
            if (c < a) return (false, 0);
            return (true, c);
        }
    }

    function trySub(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        unchecked {
            if (b > a) return (false, 0);
            return (true, a - b);
        }
    }

    function tryMul(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        // Gas optimization: this is cheaper than requiring 'a' not being zero, but the
        // benefit is lost if 'b' is also tested.
        // See: https://github.com/OpenZeppelin/openzeppelin-contracts/pull/522
        if (a == 0) return (true, 0);
        uint256 c = a * b;
        if (c / a != b) return (false, 0);
        return (true, c);
    }

    function tryDiv(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        unchecked {
            if (b == 0) return (false, 0);
            return (true, a / b);
        }
    }

    function tryMod(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        unchecked {
            if (b == 0) return (false, 0);
            return (true, a % b);
        }
    }

    function add(uint256 a, uint256 b) internal pure returns (uint256) {
        return a + b;
    }

    function sub(uint256 a, uint256 b) internal pure returns (uint256) {
        return a - b;
    }
}
```

Contract Address

0x217e6DcF6Cc3BD3a8d6e7f092d0434418F3Ae78e

TokenTracker

BulbFi (BLB)

Contract Creator

0xd1e65d55ff71bfc2b4780400bd93a151ebc168aa

Source Code

Contract Source Code Verified

Contract Name

BulbFi

Other Settings

default evmVersion, Un

Compiler Version

v0.8.12+commit.f00d7308

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 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 (x36)	Complete	Complete	✓ Low 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:

[0xd1e65d55ff71bfc2b4780400bd93a151ebc168aa](https://www.etherbase.net/etherbase-wallet/address/0xd1e65d55ff71bfc2b4780400bd93a151ebc168aa)

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
authorize	address adr	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
unauthorize	address adr	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address payable adr	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.

Contract Code Audit – AUTHORIZED Accessible Functions

Function Name	Parameters	Audit Notes
triggerBulbBuyback	uint256 amount, bool triggerBuybackMultiplier	authroized modifier is detected. Authorized wallets can call this function.
clearBuybackMultiplier		authroized modifier is detected. Authorized wallets can call this function.
setAutoBuybackSettings	bool _enabled, uint256 _cap, uint256 _amount, uint256 _period	authroized modifier is detected. Authorized wallets can call this function.
setBuybackMultiplierSettings	uint256 numerator, uint256 denominator, uint256 length	authroized modifier is detected. Authorized wallets can call this function.
launch		authroized modifier is detected. Authorized wallets can call this function.
setTxLimit	uint256 amount	authroized modifier is detected. Authorized wallets can call this function.
setIsDividendExempt	address holder, bool exempt	authroized modifier is detected. Authorized wallets can call this function.
setIsFeeExempt	address holder, bool exempt	authroized modifier is detected. Authorized wallets can call this function.
setIsTxLimitExempt	address holder, bool exempt	authroized modifier is detected. Authorized wallets can call this function.
setFees	uint256 _liquidityFee, uint256 _buybackFee, uint256 _reflectionFee, uint256 _marketingFee, uint256 _feeDenominator	authroized modifier is detected. Authorized wallets can call this function.
setFeeReceivers	address _autoLiquidityReceiver, address _marketingFeeReceiver	authroized modifier is detected. Authorized wallets can call this function.
setSwapBackSettings	bool _enabled, uint256 _amount	authroized modifier is detected. Authorized wallets can call this function.
setTargetLiquidity	uint256 _target, uint256 _denominator	authroized modifier is detected. Authorized wallets can call this function.
setDistributionCriteria	uint256 _minPeriod, uint256 _minDistribution	authroized modifier is detected. Authorized wallets can call this function.
setDistributorSettings	uint256 gas	authroized modifier is detected. Authorized wallets can call this function.

The functions listed above can be called by an authorized wallet.

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.

Pinksale

<https://www.pinksale.finance/#/pinklock/detail/0x217e6DcF6Cc3BD3a8d6e7f092d0434418F3Ae78e?chain=BSC>

Contract Code Audit – Mint Functions

This Contract Cannot Mint New BLB 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

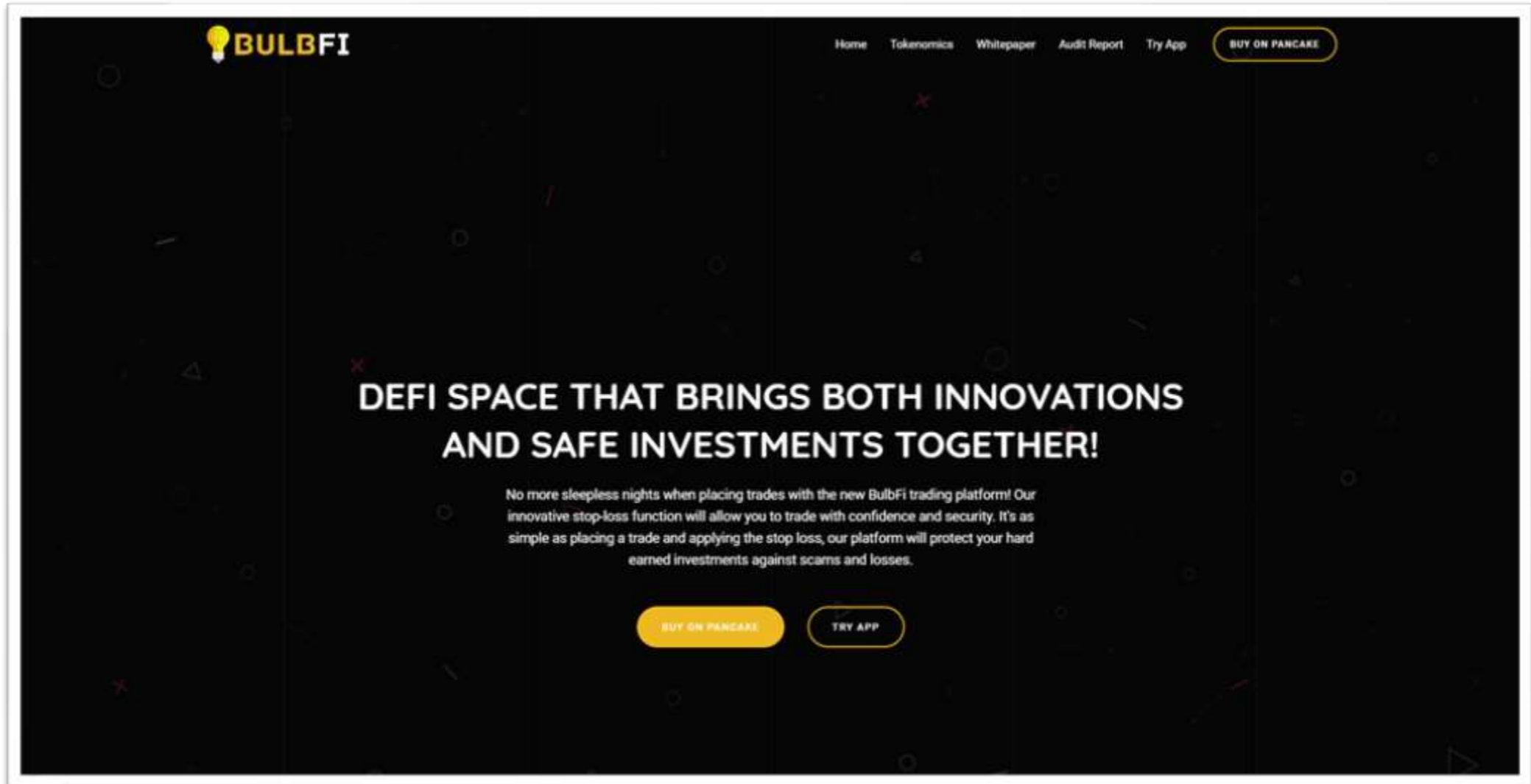
At the time of Audit the transaction fees (“tax”) listed below are the fees associated with trading. These fees are taken from every buy and sell transaction unless otherwise stated.



TOKEN SUPPLY 250M	TOKEN SYMBOL BLB
BUY TAX: 12% MARKETING = 6% REWARDS = 4% BUYBACK = 2%	SELL TAX: 12% MARKETING = 6% REWARDS = 4% BUYBACK = 2%

Website Part 1 – Overview

www.bulbfi.net



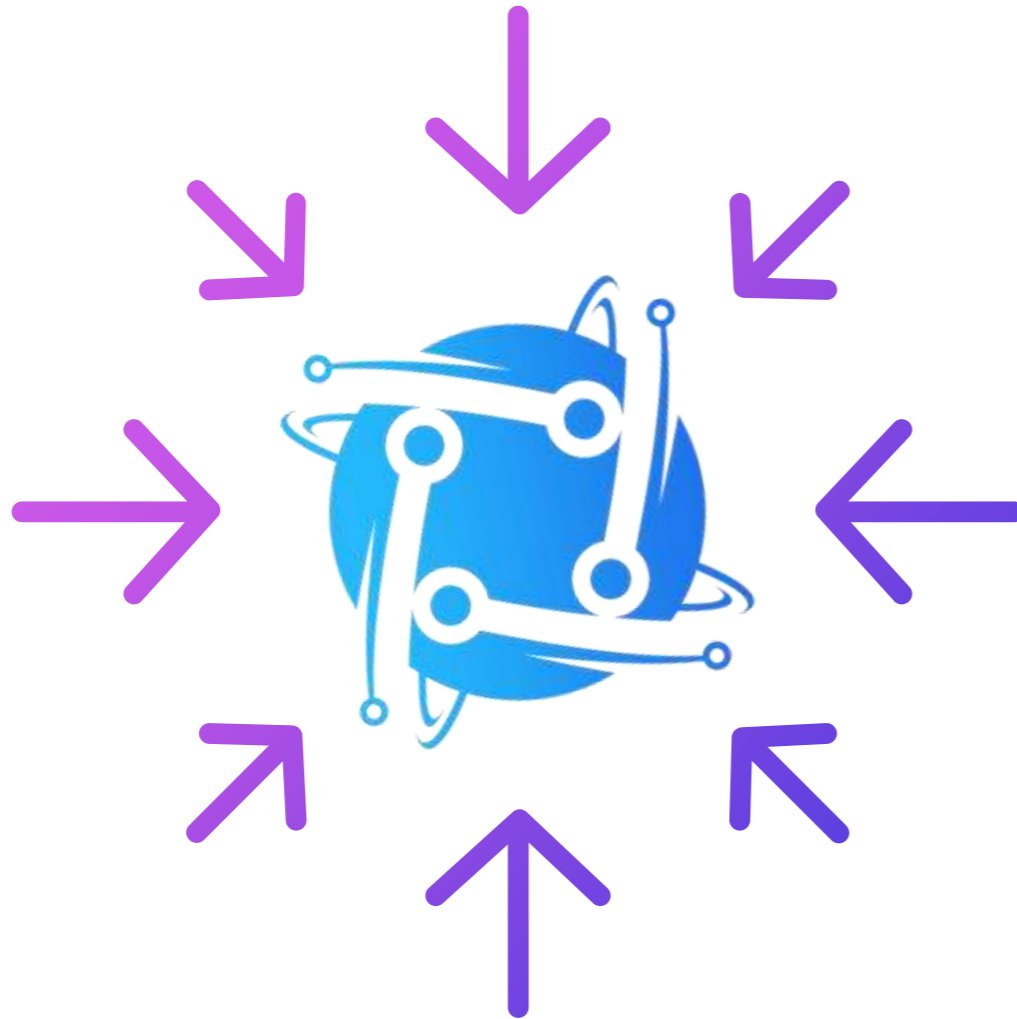
Above images are actual snapshots of the current live website of the project.

Website was registered on 03/06/2022, registration expires 03/06/2024.

! 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

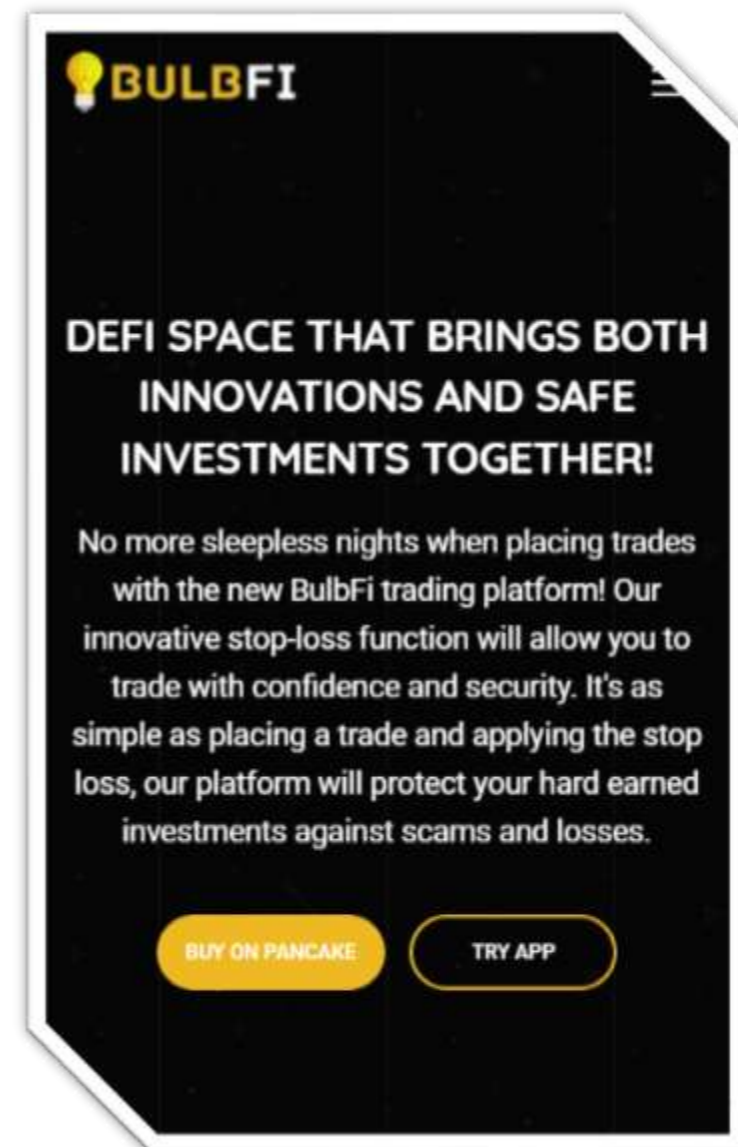
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

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: www.bulbfi.net

Issued by: R3

Valid Until: 06/07/2022



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

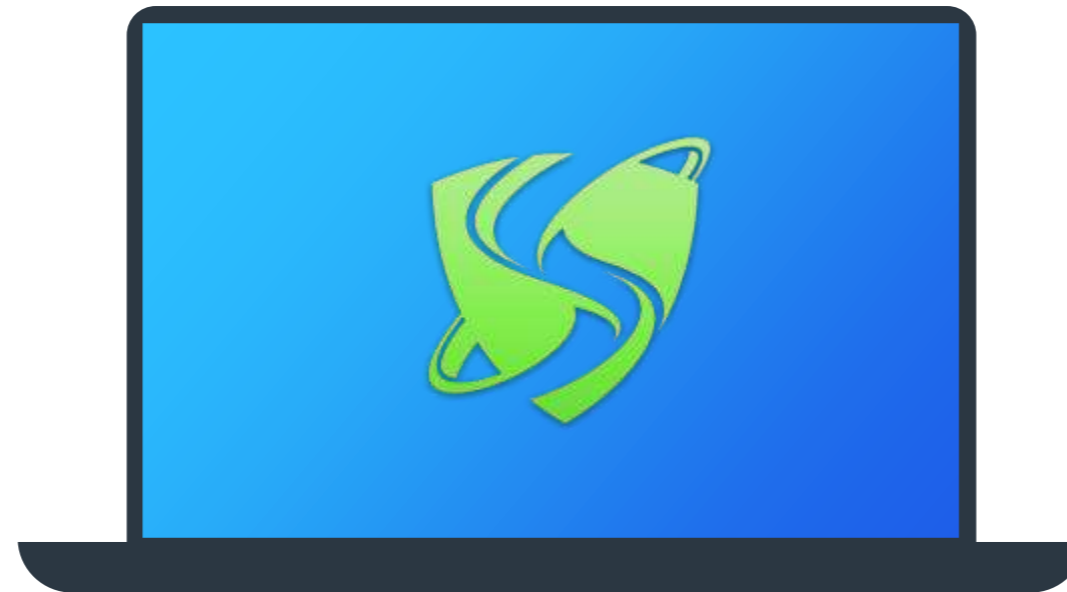
No internal server errors

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.

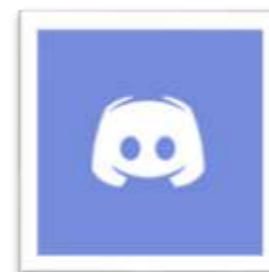
All links have been conveniently placed below.



[Twitter](#)



[Telegram](#)



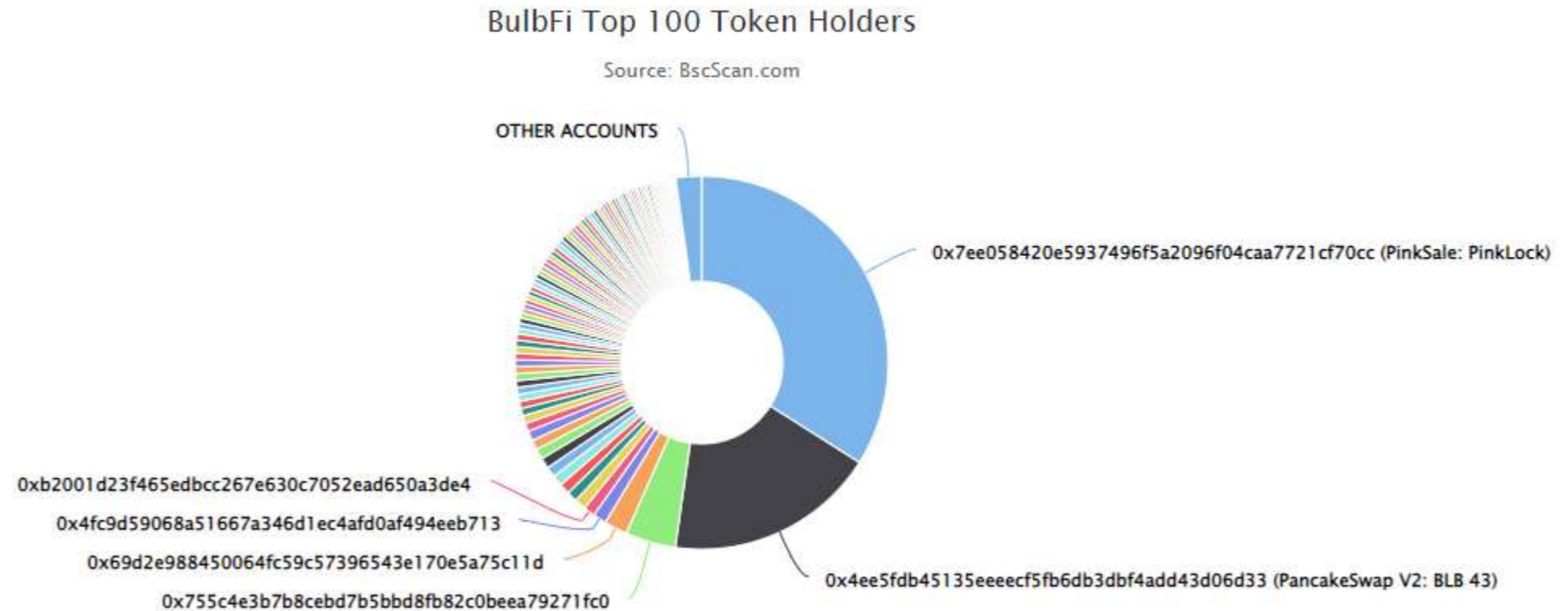
[Discord](#)

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

Top Token Holders

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

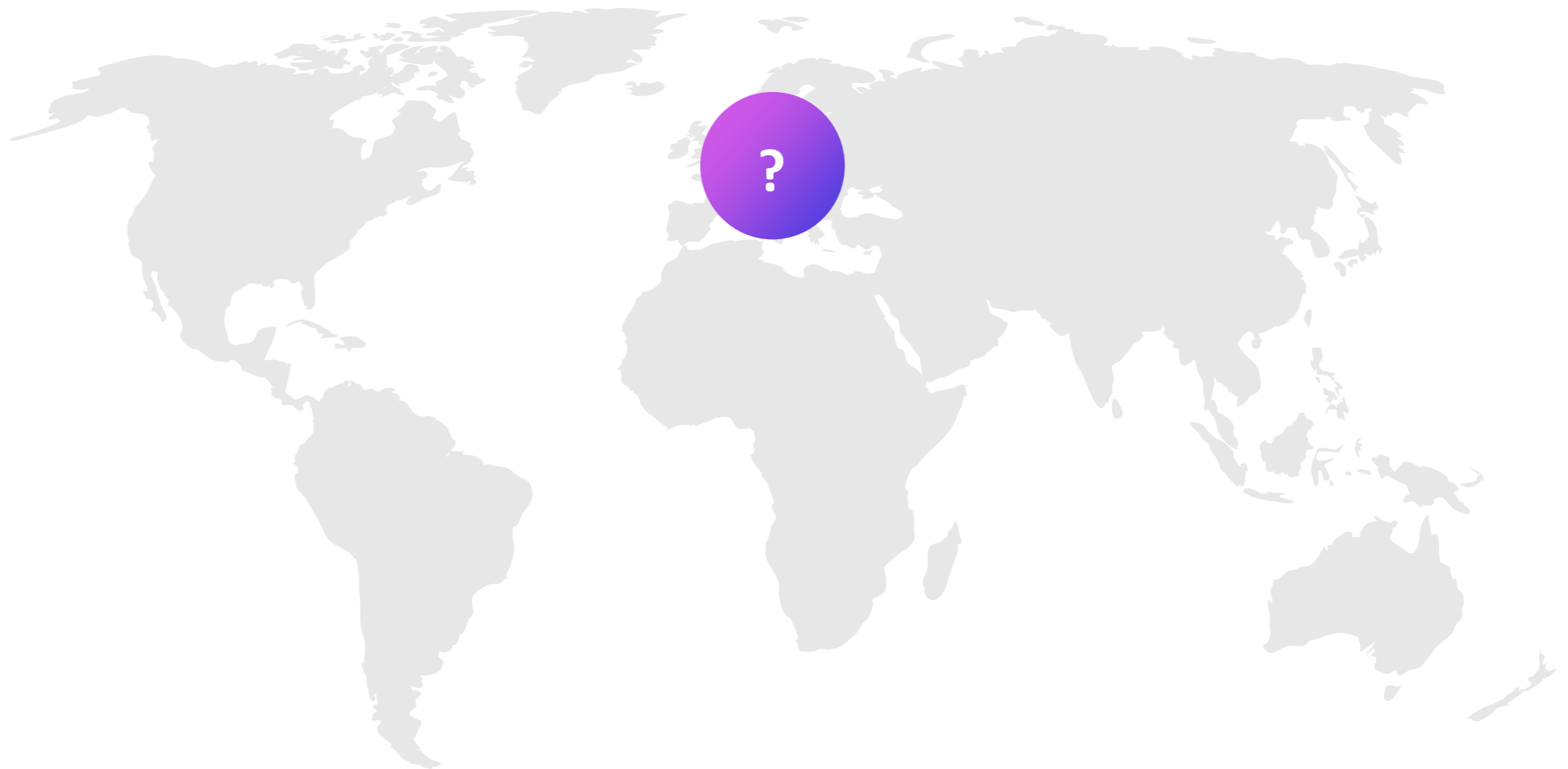
[Click here to view the most up-to-date list of holders](#)



Rank	Address	Quantity (Token)	Percentage
1	PinkSale: PinkLock	85,000,000	34.0000%
2	PancakeSwap V2: BLB 43	45,690,274.138389043	18.2761%
3	0x755c4e3b7b8cebd7b5bbd8fb82c0beea79271fc0	10,922,287	4.3689%
4	0x69d2e988450064fc59c57396543e170e5a75c11d	5,030,056.535	2.0120%
5	0x4fc9d59068a51667a346d1ec4afd0af494eeb713	2,897,904.547841103	1.1592%

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

The following information about the team was found in the project's whitepaper.

Core Team

Currently, the team behind Bulb Finance (BulbFi) consists of:

Core Team

- 01 Head Developer
- 02 Business Development manager
- 03 Marketing Executive (2)
- 04 Consultant



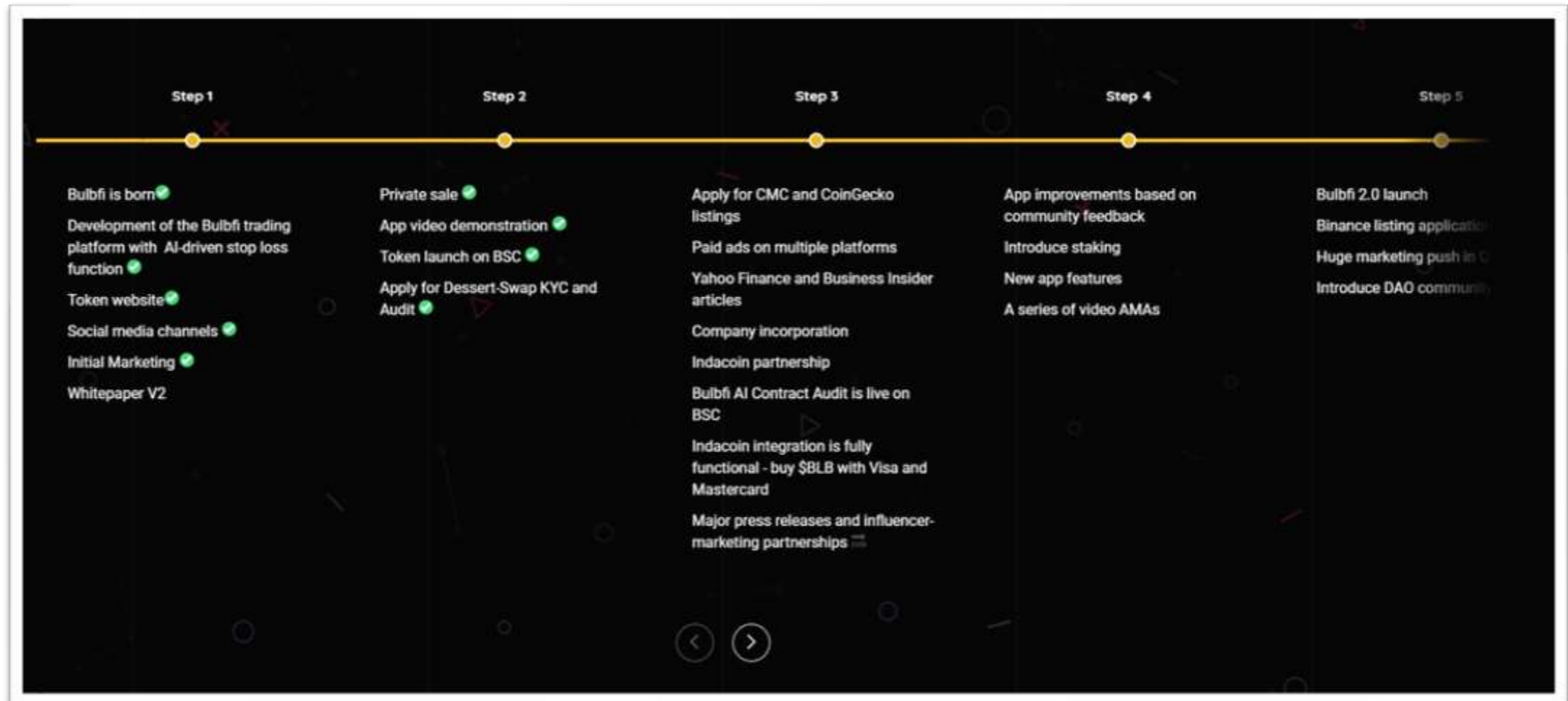
Non-Core team

- 01 Software developer (2)
- 02 Moderators- (3)
- 03 Web developer
- 04 Designer
- 05 Influencer (2)

The team possesses a wide range of skillsets to complement one another -- from developers to marketing and legal entities. They also have experience building AI solutions for Fortune 100 companies and have been working in the real-world AI and blockchain space for close to 10 years.

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 BULBFI (BLB) 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: **16293930**

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