

DESSERT
FINANCE



Birb (BIRB)

BEP-20 Audit

Performed at block **11996340**

PERFORMED BY DESSERT FINANCE ON CONTRACT ADDRESSES:

0X82A479264B36104BE4FDB91618A59A4FC0F50650
0X336B7C1936C279FE5E4808F3D100C7FAFB235303
0XA464164C9A828C535EB77333A44363E49BD19FB3
0X4E18AEDC1F1F147F752BEDB70CEDC644B24A3F56
0XED61BE9555D2FD3541D0469178C41F2642510FCF

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.

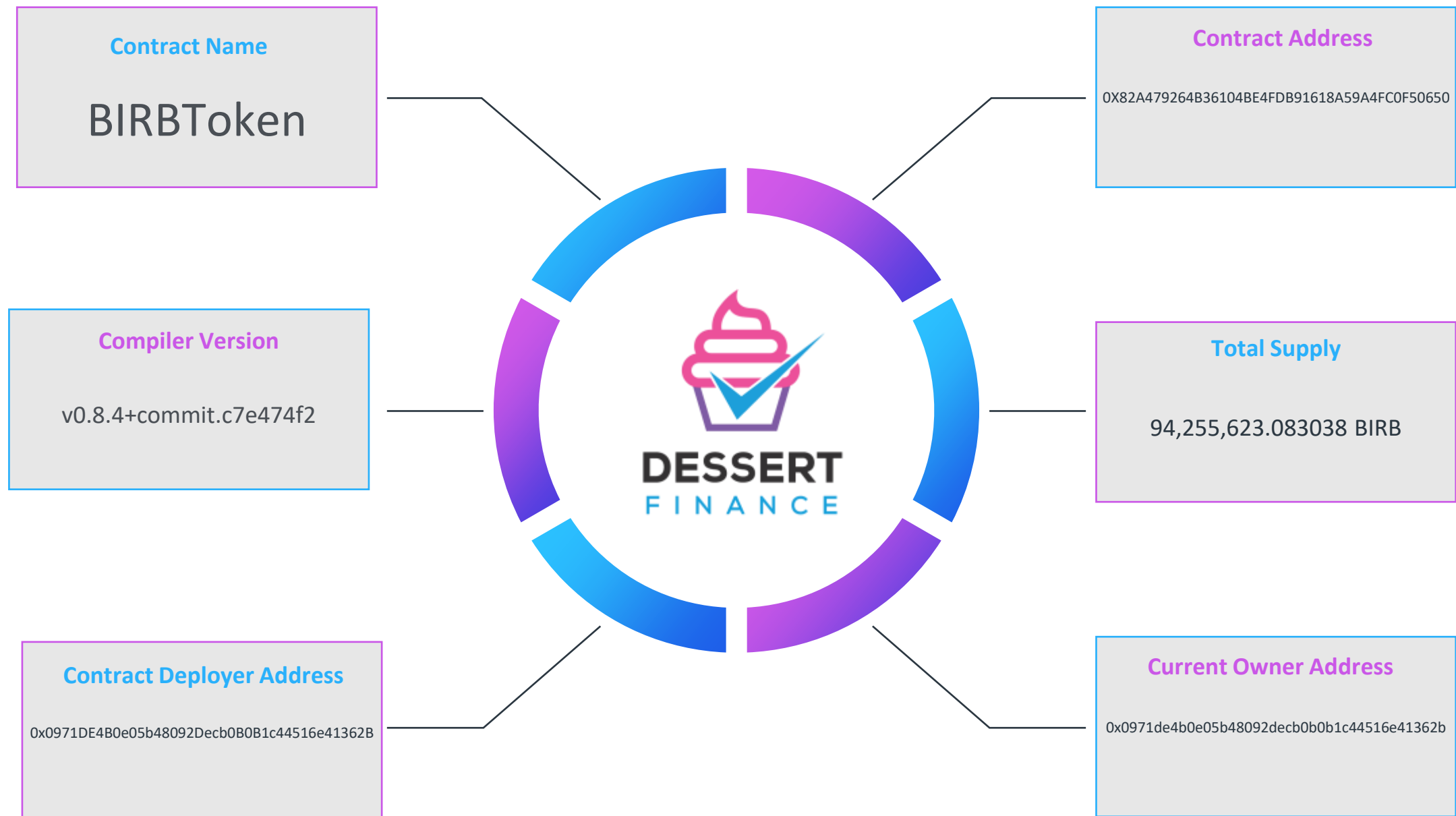
Dessert Finance in no way takes responsibility for any losses, nor does Dessert Finance encourage any speculative investments. The information provided in this audit is for information purposes only and should not be considered investment advice.

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Contract Code Audit – Token Overview



BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Birb (BIRB)



Contract Address

0x82A479264B36104be4FDb91618a59A4fC0F50650

TokenTracker

Birb (BIRB)

Contract Creator

0x0971de4b0e05b48092dec0b0b1c44516e41362b

Source Code

Contract Source Code Verified

Contract Name

BIRBToken

Other Settings

default evmVersion, MIT

Compiler Version

v0.8.4+commit.c7e474f2

Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

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

BEP-20 Contract Code Audit – Vulnerabilities Checked

Vulnerability Tested	AI Scan	Human Review	Result
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.

BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on BirbPoolInitializable



Contract Address

0xa464164c9A828c535EB77333a44363E49bd19fb3

Contract Creator

0x8C03eeA839E9A147e84351b7f2aF38bCeea8B643

Source Code

Contract Source Code Verified

Contract Name

BirbPoolInitializable

Other Settings

default evmVersion, MIT

Compiler Version

v0.6.12+commit.27d51765

Optimization Enabled

Yes with 200 runs

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[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
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.

BirbPoolInitializable

BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on BirbReferral



Contract Address

0x336B7C1936c279fe5e4808F3D100c7fAfB235303

Contract Creator

0x2725341a9a1bE932B9B5701822A27D569Dc6A69a

Source Code

Contract Source Code Verified

Contract Name

BirbReferral

Other Settings

default evmVersion, MIT

Compiler Version

v0.6.12+commit.27d51765

Optimization Enabled

Yes with 200 runs

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

BEP-20 Contract Code Audit – Vulnerabilities Checked

Vulnerability Tested	AI Scan	Human Review	Result
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 (1)	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.

BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on RandomNumberGenerator

```
Submitted for verification at BscScan.com on 2021-09-28
//
//
// Submitted for verification at BscScan.com on 2021-07-02
//
// File: @benmaggell/contracts/utills/Context.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;

/**
 * @dev Provides information about the current execution context, including the
 * sender of the transaction and its data. While these are generally available
 * via msg.sender and msg.data, they should not be accessed in such a direct
 * manner, since when dealing with meta-transactions the account sending and
 * paying for execution may not be the actual sender (as far as an application
 * is concerned).
 *
 * This contract is only required for intermediate, library-like contracts.
 */
abstract contract Context {
    function _msgSender() internal view virtual returns (address) {
        return msg.sender;
    }

    function _msgData() internal view virtual returns (bytes calldata) {
        // @dev: // allows state mutability without generating bytecode - see https://github.com/ethereum/solidity/issues/2691
        return msg.data;
    }
}

// File: @benmaggell/contracts/access/Ownable.sol
pragma solidity ^0.8.0;

/**
 * @dev Contract module which provides a basic access control mechanism, where
 * there is an account (an owner) that can be granted exclusive access to
 * specific functions.
 *
 * By default, the owner account will be the one that deploys the contract. This
 * can later be changed with {transferOwnership}.
 *
 * This module is used through inheritance. It will make available the modifier
 * `onlyOwner`, which can be applied to your functions to restrict their use to
 * the owner.
 */
abstract contract Ownable is Context {
    address private _owner;

    event OwnershipTransferred(address indexed previousOwner, address indexed newOwner);

    /**
     * @dev Initializes the contract setting the deployer as the initial owner.
     */
    constructor() {
        address msgSender = _msgSender();
        _owner = msgSender;
        emit OwnershipTransferred(address(0), msgSender);
    }

    /**
     * @dev Returns the address of the current owner.
     */
}
```

Contract Address

0x4e18aedc1F1F147f752Bedb70ceDC644B24a3f56

Contract Creator

0x19E53469BdfD70e103B18D9De7627d88c4506DF2

Source Code

Contract Source Code Verified

Contract Name

RandomNumberGenerator

Other Settings

default evmVersion, None

Compiler Version

v0.8.4+commit.c7e474f2

Optimization Enabled

Yes with 200 runs

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

BEP-20 Contract Code Audit – Vulnerabilities Checked

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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.

BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on BirbLottery



Contract Address

0xed61bE9555D2fD3541d0469178C41f2642510fcF

Contract Creator

0x19E53469BdfD70e103B18D9De7627d88c4506DF2

Source Code

Contract Source Code Verified

Contract Name

BirbLottery

Other Settings

default evmVersion, None

Compiler Version

v0.8.4+commit.c7e474f2

Optimization Enabled

Yes 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
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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:

[0x0971de4b0e05b48092dec0b0b1c44516e41362b](https://etherscan.io/address/0x0971de4b0e05b48092dec0b0b1c44516e41362b)

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.

DxSale - Locked until July 23, 2023

https://dxsale.app/app/v2_9/dxlockview?id=0&add=0x0971DE4B0e05b48092Decb0B0B1c44516e41362B&type=lplock&chain=BSC

Contract Code Audit – Mint Functions

This Contract Cannot Mint New BIRB Tokens.

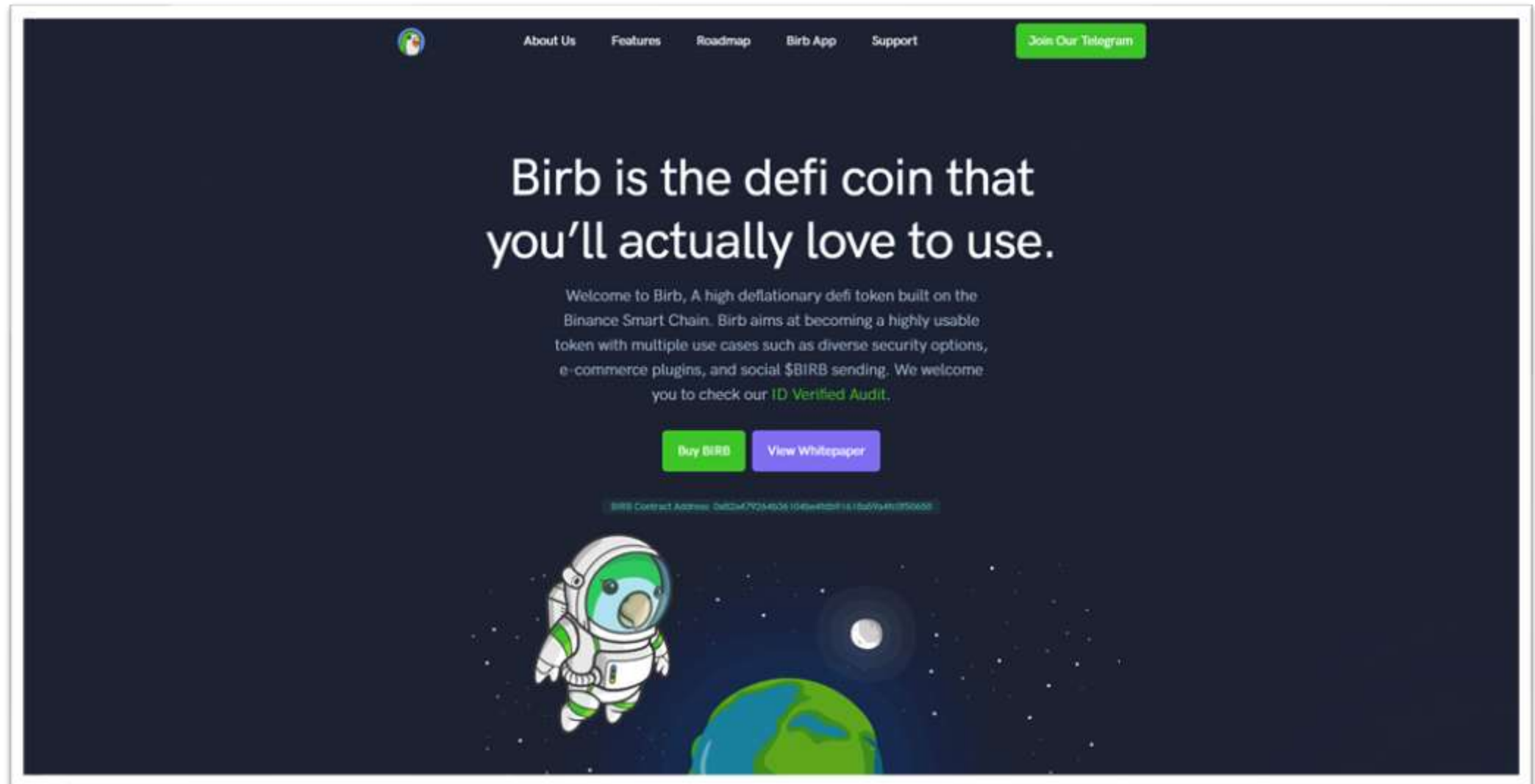


We do understand that sometimes mint functions are essential to the functionality of the project.

A mint function was not found in the contract code.

Website Part 1 – Overview

www.birb.co



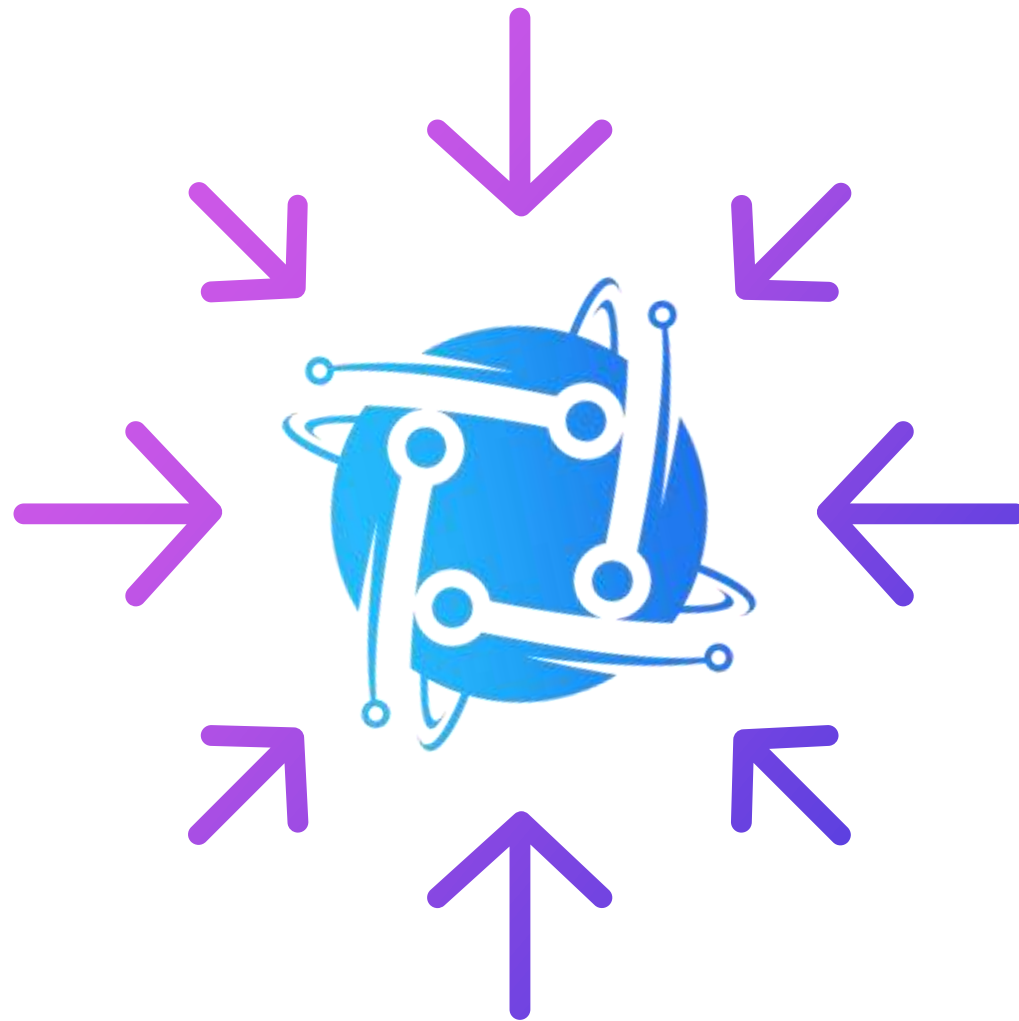
Above images are actual snapshots of the current live website of the project.

Website was registered on 03/28/2019, registration expires 03/28/2025.

✓ This exceeds the 3 year minimum we like to see on new projects.



Website Part 2 – Checklist



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

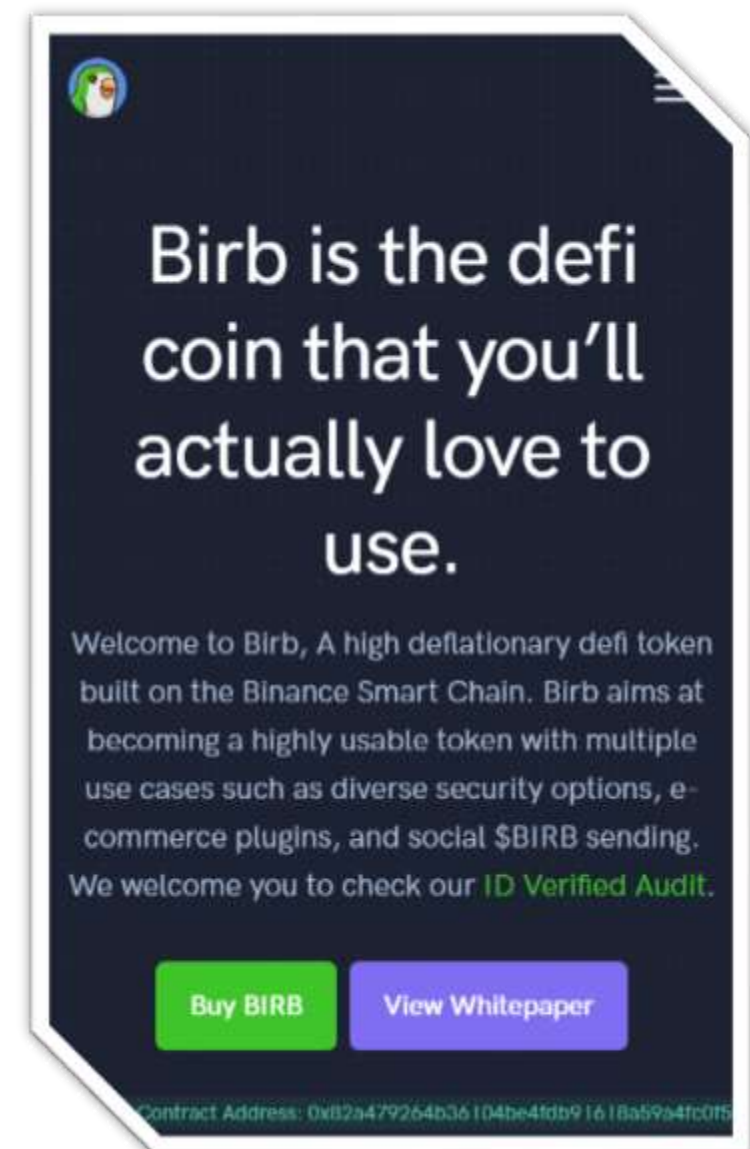
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

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: Birb.co

Issued by: R3

Valid Until: 11/14/2021



CONTACT EMAIL

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

Contact

contact@birb.co



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 vast variety of Social Media networks.

All links have been conveniently placed below.



[Twitter](#)



[Telegram](#)



[Medium](#)



[Instagram](#)



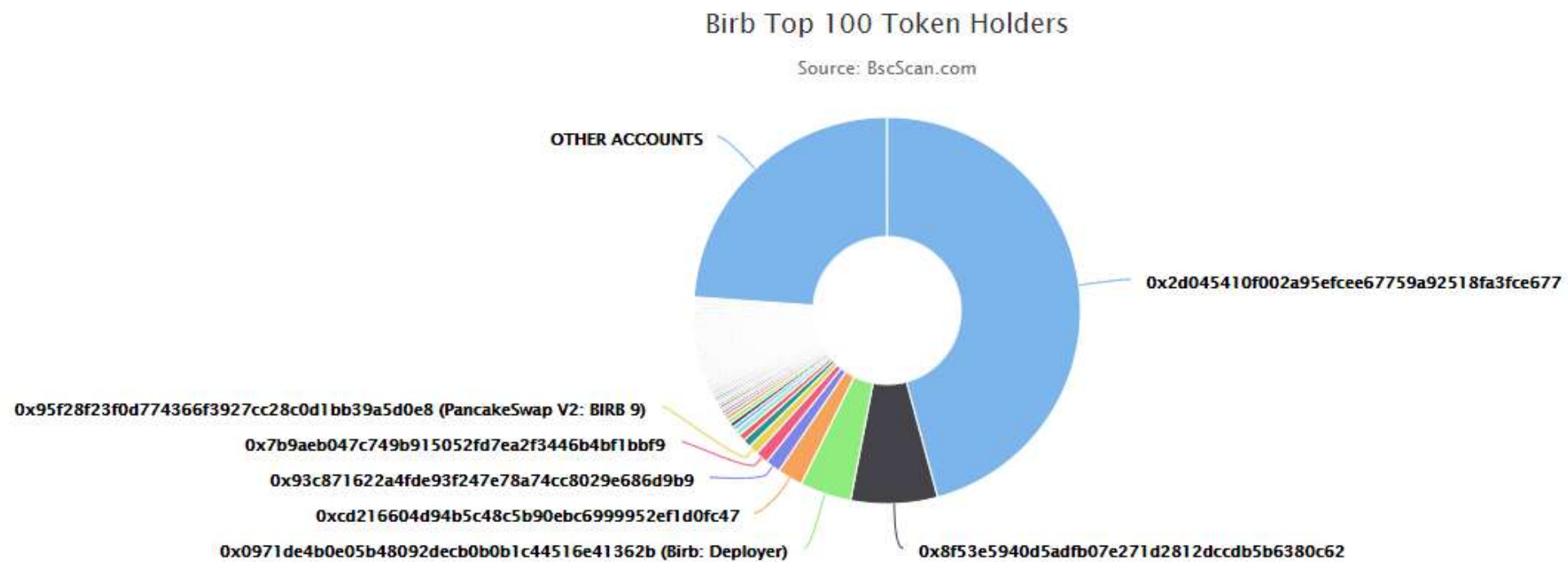
[YouTube](#)

✓ 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](#)



Rank	Address	Quantity (Token)	Percentage
1	0x2d045410f002a95efcee67759a92518fa3fce677	43,000,000	45.7989%
2	0x8f53e5940d5adfb07e271d2812dccdb5b6380c62	6,784,583.807292487402347081	7.2262%
3	Birb: Deployer	4,035,976.030524783642528761	4.2987%

Location Audit

The primary location of the Team is Texas, USA.



Team Overview

✓ Two founders have been DessertDoxxed with Government issued ID



Ankush Sharma

Blockchain + Full stack

Experience in blockchain development. Expert in frameworks including node.js, angular.js, react.js, vue.js, Codeigniter and Laravel.



Josue Sandoval

Web Application Developer

PuffedBirb is a front-end and back-end, web developer. UI/UX designer. I enjoy eCommerce plugin development. Yes, Jesse is my twin brother.



Jesse Sandoval

Web Application Developer

ChirpJedi is a front and back-end web and application developer. He is also an avid artist with experience in graphic design and SEO/SEM expert.



Armanto

Lead Artist

All of the beautiful Birb artwork you see on our website was hand-drawn and made into vector format by our talented artist, Armanto.



Linnea Houskeeper

Birb Writer, Proofreading

BA (Summa Cum Laude) in English Literature and Communications from Marywood University and MFA in Creative Writing from Lesley University.



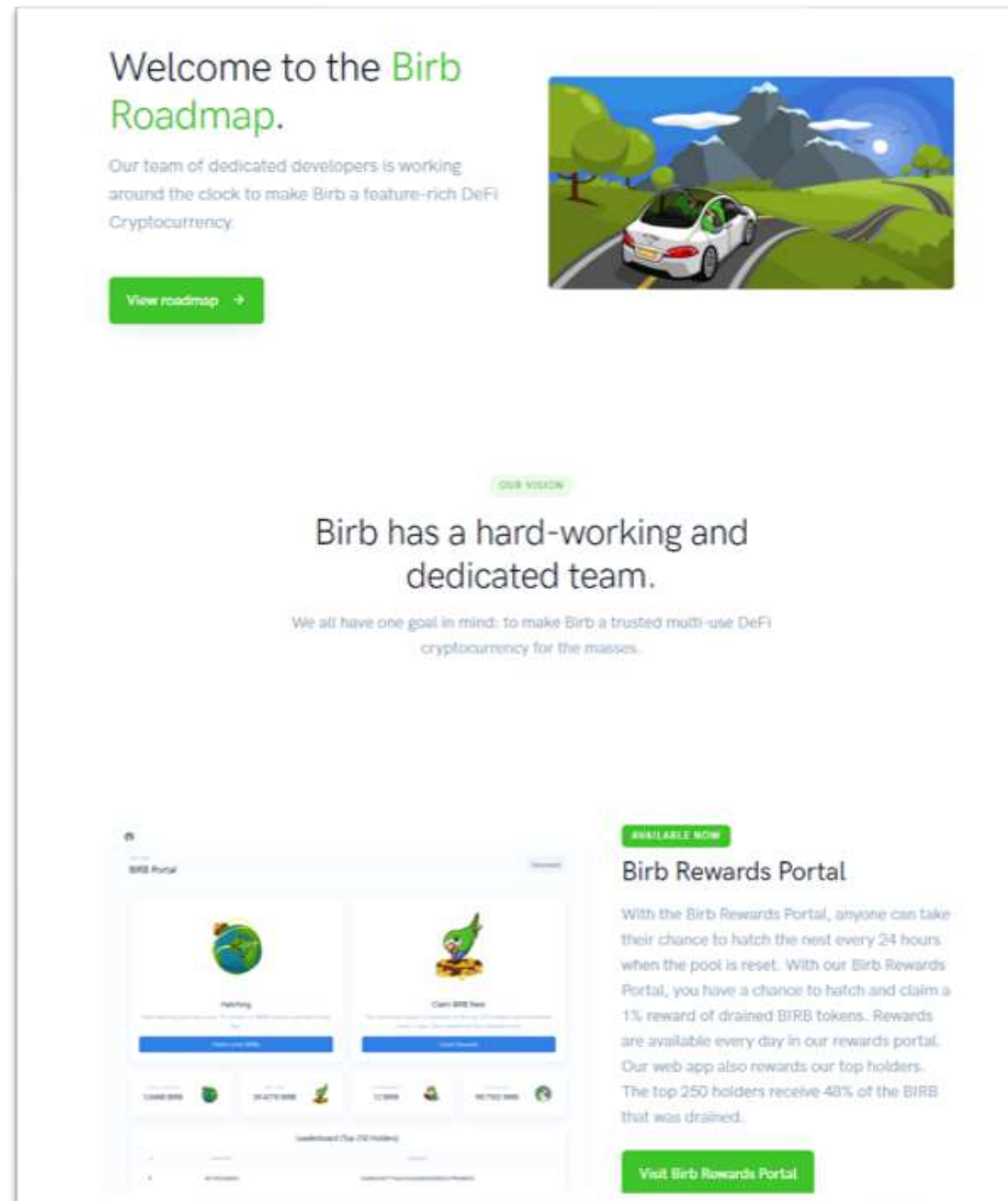
AnonBirb

Blockchain developer

An expert in blockchain and smart contract development. AnonBirb will be working on the privacy aspects of our project, including Flock Protocol.

Roadmap

A roadmap was found on the official website, we have conveniently placed it on this page for your viewing. [The full roadmap can be found here.](#)



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 BIRB (BIRB) AT BLOCK NUMBER: **11996340**
THIS AUDIT IS ONLY VALID IF VIEWED ON **WWW.DSSERTSWAP.FINANCE**

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