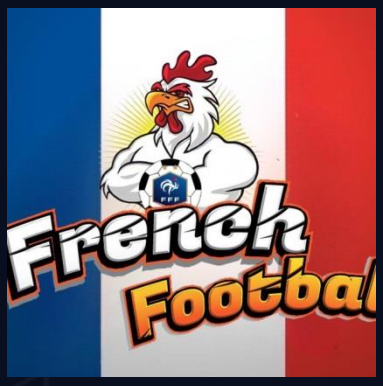
expelee

A Secure Place For Web3

SMART CONTRACT AUDIT OF

French Football Presale



Contract Address

0x3324beb75d01B4Be173e879C1Beb19B81C7dB1df

Audit Summary

Expelee team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analysed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks. According to the smart contract audit:

Audit Result: **PASSED**

Ownership: NOT **RENOUNCED**

KYC Verification: Done

Audit Date: 29/07/2022

Audit Team: **EXPELEE**

Be aware that smart contracts deployed on the blockchain aren't resistant to internal exploit, external vulnerability, or hack. For a detailed understanding of risk severity, source code vulnerability, functional hack, and audit disclaimer, kindly refer to the audit.

DISCLAMER

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment. Team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document.

Always Do your own research and protect yourselves from being scammed. The Expelee team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools.

Under no circumstances did Expelee receive a payment to manipulate those results or change the awarding badge that we will be adding in our website. Always Do your own research and protect yourselves from scams.

This document should not be presented as a reason to buy or not buy any particular token. The Expelee team disclaims any liability for the resulting losses.

Contract Review

Contract Name	**FFootball**
Compiler Version	**v0.8.4+commit.c7e474f2**
Optimization	**No with 200 runs**
License	**GNU GPLv2 license**
Explorer	**https://bscscan.com/address/0x3324beb75d01B4Be173e879C1Beb19B81C7dB1df#code**
Symbol	**FFB**
Decimals	**9**
Total Supply	**1,000,000,000**
Domain	**https://frenchfootball.site/**

Project Review

Token Name: French Football

Web Site: https://frenchfootball.site/

Twitter: https://twitter.com/FrenchFootball

Telegram: https://t.me/frenchfootball1000x

Contract Address:
0x3324beb75d01B4Be173e879C1Beb19B81C7dB1df

Platform: Binance Smart Chain

Token Type: BEP 20

Language: SOLIDITY

Audit Methodology

The scope of this report is to audit the smart contract source code. We have scanned the contract and reviewed the project for common vulnerabilities, exploits, hacks, and back-doors. Below is the list of commonly known smart contract vulnerabilities, exploits, and hacks:

Category

Smart Contract Vulnerabilities	- Unhandled Exceptions - Transaction Order Dependency - Integer Overflow - Unrestricted Action - Incorrect Inheritance Order - Typographical Errors - Requirement Violation
Source Code Review	- Gas Limit and Loops - Deployment Consistency - Repository Consistency - Data Consistency - Token Supply Manipulation
Functional Assessment	- Operations Trail & Event Generation - Assets Manipulation - Liquidity Access

Vulnerability Checklist

№	Description.	Result
1	Compiler warnings.	Passed
2	Race conditions and Re-entrancy. Cross-function raceconditions.	Passed
3	Possible delays in data delivery.	Passed
4	Oracle calls.	Passed
5	Front running.	Passed
6	Timestamp dependence.	Passed
7	Integer Overflow and Underflow.	Passed
8	DoS with Revert.	Passed
9	DoS with block gas limit.	Passed
10	Methods execution permissions.	Passed
11	Economy model.	Passed
12	The impact of the exchange rate on the logic.	Passed
13	Private user data leaks.	Passed
14	Malicious Event log.	Passed
15	Scoping and Declarations.	Passed
16	Uninitialized storage pointers.	Passed
17	Arithmetic accuracy.	Passed
18	Design Logic.	Passed
19	Cross-function race conditions.	Passed
20	Safe Zeppelin module.	Passed
21	Fallback function security.	Passed

Manual Audit

Low-Risk

4 low-risk code issues found

Medium-Risk

0 medium-risk code issues found

High-Risk

0 high-risk code issues found

Audit Summary

```
Compiled with solc
Number of lines: 432 (+ 0 in dependencies, + 0 in tests)
Number of assembly lines: 0
Number of contracts: 8 (+ 0 in dependencies, + 0 tests)

Number of optimization issues: 17
Number of informational issues: 27
Number of low issues: 9
Number of medium issues: 0
Number of high issues: 3
ERCs: ERC20
```

Name	# functions	ERCS	ERC20 info	Complex code	Features
Token	2			No	
IUniswapV2Factory	1			No	
IUniswapV2Router02	4			No	Receive ETH
SafeMath	6			No	
FFootball	46	ERC20	No Minting Approve Race Cond.	No	Receive ETH Send ETH Tokens interaction

Low-Risk

1) Contract contains Reentrancy vulnuerabilities

```
function _transfer(address from, address to, uint256 amount) private {
        require(from != address(0), "ERC20: transfer from the zero address");
        require(to != address(0), "ERC20: transfer to the zero address");
        require(amount > 0, "Transfer amount must be greater than zero");

        _redisFee = 0;
        _taxFee = 0;

        if (from != owner() && to != owner()) {

            uint256 contractTokenBalance = balanceOf(address(this));
            if (!inSwap && from != uniswapV2Pair && swapEnabled && contractTokenBalance > 0) {
                swapTokensForEth(contractTokenBalance);
                uint256 contractETHBalance = address(this).balance;
                if(contractETHBalance > 0) {
                    sendETHToFee(address(this).balance);
                }
            }

            if(from == uniswapV2Pair && to != address(uniswapV2Router)) {
                _redisFee = _redisFeeOnBuy;
                _taxFee = _taxFeeOnBuy;
            }

            if (to == uniswapV2Pair && from != address(uniswapV2Router)) {
                _redisFee = _redisFeeOnSell;
                _taxFee = _taxFeeOnSell;
            }
```

Recommendation

Apply the check-effects-interaction pattern

2) Local variable shadowing

Detection of shadowing using local variables.

```
function allowance(address owner, address spender) public view override returns (uint256) {
        return _allowances[owner][spender];
    }

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

Recommendation

Rename the local variables that shadow another component.

3) Functions that send Ether to arbitary destinations

Unprotected call to a function sending Ether to arbitary address.

```
function sendETHToFee(uint256 amount) private {
        _developmentAddress.transfer(amount.div(2));
        _marketingAddress.transfer(amount.div(2));
    }
```

Recommendation

Ensure that an arbitary user cannot withdraw unauthorized funds

4) Unchecked transfer

The return value of an external transfer/transferFrom call is not checked.

```
function rescueForeignTokens(address _tokenAddr, address _to, uint _amount) public onlyDev() {
      emit tokensRescued(_tokenAddr, _to, _amount);
      Token(_tokenAddr).transfer(_to, _amount);
  }
```

Recommendation

Use SafeERC20, or ensure that the transfer/transferFrom return value is checked.

Manual Audit (Contract Function)

```
contract FFootball is Context, IERC20, Ownable {

    using SafeMath for uint256;
    mapping (address => uint256) private _rOwned;
    mapping (address => uint256) private _tOwned;
    mapping (address => mapping (address => uint256)) private _allowances;
    mapping (address => bool) private _isExcludedFromFee;

    uint256 private constant MAX = ~uint256(0);
    uint256 private constant _tTotal = 1000 * 10**6 * 10**9;
    uint256 private _rTotal = (MAX - (MAX % _tTotal));
    uint256 private _tFeeTotal;

    uint256 private _redisFeeOnBuy = 0;
    uint256 private _taxFeeOnBuy = 6;

    uint256 private _redisFeeOnSell = 0;
    uint256 private _taxFeeOnSell = 6;

    uint256 private _redisFee;
    uint256 private _taxFee;

    string private constant _name = "French Football";
    string private constant _symbol = "FFB";
    uint8 private constant _decimals = 9;

    address payable private _developmentAddress = payable(0xD0d6261BE5fE15Af7c9f6B41fE135778D374C7C6);
    address payable private _marketingAddress = payable(0xD0d6261BE5fE15Af7c9f6B41fE135778D374C7C6);

    IUniswapV2Router02 public uniswapV2Router;
    address public uniswapV2Pair;

    bool private inSwap = false;
    bool private swapEnabled = true;

    modifier lockTheSwap {
        inSwap = true;
        _;
        inSwap = false;
    }
    constructor () {
        _rOwned[_msgSender()] = _rTotal;
```

Important Points To Consider

✓ Verified contract source

✓ Token is sellable (not a honeypot) at this time

✗ Ownership renounced or source does not contain an owner contract

✗ Source does not contain a fee modifier

✓ Buy fee is less than 10% (6%)

✓ Sell fee is less than 10% (6.1%)

✓ Owner/creator wallet contains less than 10% of circulating token supply (6.46%)

About Expelee

Expelee is a community driven organisation dedicated to fostering an anti-rug movement. We're here to keep investment safe from fraudsters. We've encountered several rug pulls and know how it feels to be duped, which is why we don't want anybody else to go through the same experience. We are here to raise awareness through our services so that the future of cryptocurrency can be rug-free.

The auditing process focuses to the following considerations with collaboration of an expert team:

- Functionality test of the Smart Contract to determine if proper logic has been followed throughout the whole process.
- Manually detailed examination of the code line by line by experts.
- Live test by multiple clients using Test net.
- Analysing failure preparations to check how the Smart
- Contract performs in case of any bugs and vulnerabilities.
- Checking whether all the libraries used in the code are on the latest version.
- Analysing the security of the on-chain data.

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