freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Flying Colours

$OURS

22/02/2022

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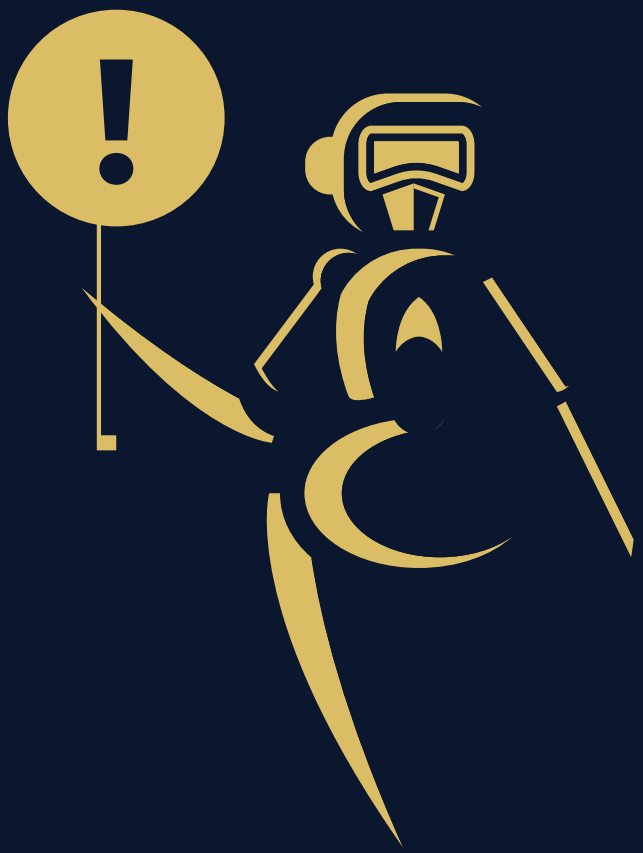
DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website https://freshcoins.io
FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy (RUG or Honeypot etc)



INTRODUCTION

FreshCoins (Consultant) was contracted by
Flying Colours (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0xAE4A8E2A265D799639DC2440437D401b07478E2d

Network: Binance Smart Chain (BSC)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 22/02/2022

AUDIT OVERVIEW

97

Security Score

97

Static Scan
Automatic scanning for common vulnerabilities

98

ERC Scan
Automatic checks for ERC's conformance

0 High

0 Medium

0 Low

0 Optimizations

0 Informational

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

OWNER PRIVILEGES

Contract owner can't exclude an address from transactions.

Contract owner can't mint tokens after initial contract deploy

Contract owner can exclude/include wallet from fees

```
function setExcludedFromFee(address account, bool e) external onlyOwner {
    _isExcludedFromFee[account] = e;
}
```

Contract owner can exclude/include wallet from rewards

```
function excludeFromReward(address account) public onlyOwner {
    require(!_isExcluded[account], "Account is already excluded");

    if (_rOwned[account] > 0) {
      _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);
}

function includeInReward(address account) external onlyOwner {
    require(_isExcluded[account], "Account is already excluded");

    for (uint256 i = 0; i < _excluded.length; i++) {
      if (_excluded[i] == account) {
        _excluded[i] = _excluded[_excluded.length - 1];
        _tOwned[account] = 0;
        _isExcluded[account] = false;
        _excluded.pop();
        break;
      }
    }
}
```

Contract owner can change swap settings

```
function setSwapAndLiquifyEnabled(bool e) public onlyOwner {
    _swapAndLiquifyEnabled = e;
    emit SwapAndLiquifyEnabledUpdated(e);
}

function setSwapThreshold(uint256 swapThreshold) external onlyOwner {
    _swapThreshold = swapThreshold;
}
```

Contract owner can change _marketingWallet address

Current value:

_marketingWallet : 0xb82c789b261687bb0b80fb96359c1d165602b431

```
function setMarketingWallet(address marketingWallet) external onlyOwner {
    _marketingWallet = marketingWallet;
}
```

Contract owner can change the fees up to 100%

```
function setTaxFeePercent(uint256 taxFee) external onlyOwner {
    _taxFee = taxFee;
}

function setLiquidityFeePercent(uint256 liquidityFee) external onlyOwner {
    _liquidityFee = liquidityFee;
}

function setMarketingFeePercent(uint256 marketingFee) external onlyOwner {
    _marketingFee = marketingFee;
}
```

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
    emit OwnershipTransferred(_owner, address(0));
    _owner = address(0);
}
```

Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public virtual onlyOwner {
    require(newOwner != address(0), "Ownable: new owner is the zero address");
    emit OwnershipTransferred(_owner, newOwner);
    _owner = newOwner;
}
```

CONCLUSION AND ANALYSIS

Smart Contracts within the scope were manually reviewed and analyzed with static tools.

Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.

Found no issue during the first review.

TOKEN DETAILS

Details

Buy fees:	11%
Sell fees:	11%
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk

Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

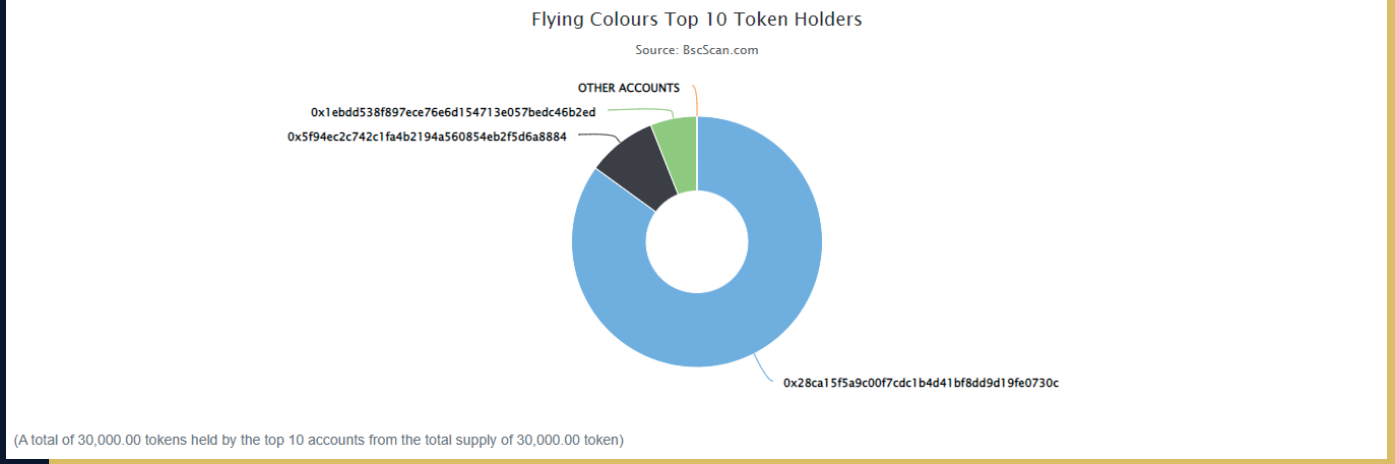
Rug Pull Risk

Liquidity:	N/A
Holders:	Clean

FLYING COLOURS TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (30,000.00 Tokens) of Flying Colours

Token Total Supply: 30,000.00 Token | Total Token Holders: 3



(A total of 30,000.00 tokens held by the top 10 accounts from the total supply of 30,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x28ca15f5a9c00f7cdc1b4d41bf8dd9d19fe0730c	25,500	85.0000%
2	0x5f94ec2c742c1fa4b2194a560854eb2f5d6a8884	2,700	9.0000%
3	0x1ebdd538f897ece76e6d154713e057bedc46b2ed	1,800	6.0000%

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.