



# Coinsult

## Advanced Manual Smart Contract Audit



**Project:** Moox

**Website:** <https://moox.one>

**Low-risk**

1 low-risk code  
issues found

1 resolved and fixed

**Medium-risk**

0 medium-risk code  
issues found

2 resolved and fixed

**High-risk**

0 high-risk code  
issues found

**Contract address**

0xD340652Ee6BE19a96CfB1c1cFb6048ceDC87d4D

Disclaimer: Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

# Disclaimer

Coinsult is not responsible if a project turns out to be a scam, rug-pull or honeypot. We only provide a detailed analysis for your own research.

Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

The information provided in this audit is for informational purposes only and should not be considered investment advice. Coinsult does not endorse, recommend, support or suggest to invest in any project.

Coinsult can not be held responsible for when a project turns out to be a rug-pull, honeypot or scam.

# Tokenomics

Rank	Address	Quantity (Token)	Percentage
1	0x540d3ff5604e10948ab47c6fed5c1c3a92639bee	100,000	100.0000%

# Source code

Coinsult was commissioned by Moox to perform an audit based on the following smart contract:

<https://bscscan.com/address/0xd340652ee6be19a96ccfb1c1cfb6048cedc87d4d#code>

**Note: This project uses openzeppelin imports. While we do check the full contract for vulnerabilities at the time of the audit, we can not ensure the correctness of these imported modules.**

# Manual Code Review

## ● Low-risk

1 low-risk code issues found.

Could be fixed, will not bring problems.

- Avoid relying on `block.timestamp`  
`block.timestamp` can be manipulated by miners.

```
block.timestamp
```

- Missing zero address validation (● resolved and fixed)  
Check that the new address is not the zero address.

```
function setTreasuryReceiver(address _treasuryReceiver) external  
onlyOwner {  
    treasuryReceiver = _treasuryReceiver;  
    _isFeeExempt[_treasuryReceiver] = true;  
  
    emit SetTreasuryReceiver(_treasuryReceiver);  
}
```

## ● Medium-risk

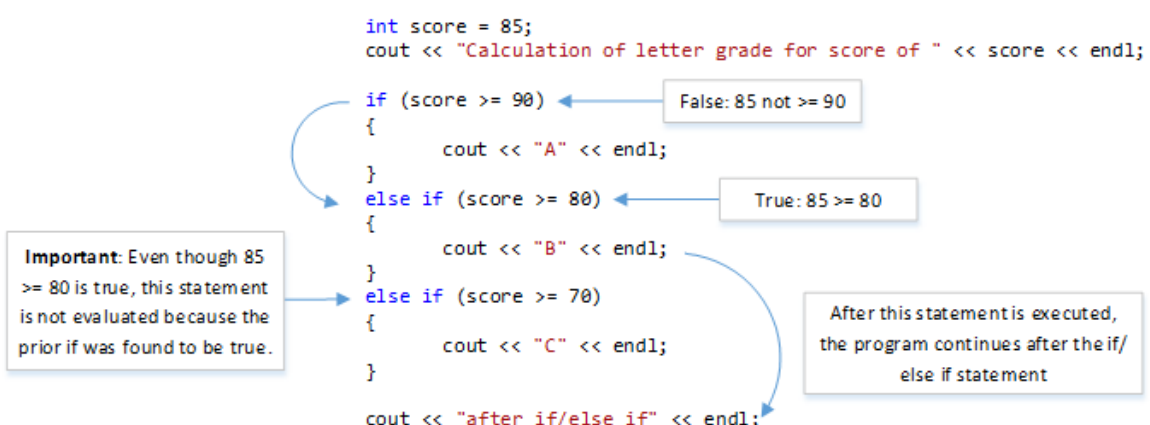
0 medium-risk code issues found.

Should be fixed, could bring problems.

- If statements might never be reached (● resolved and fixed)

If the second statement is reached ( $\geq 365$  days), then the other two below will not be called upon.

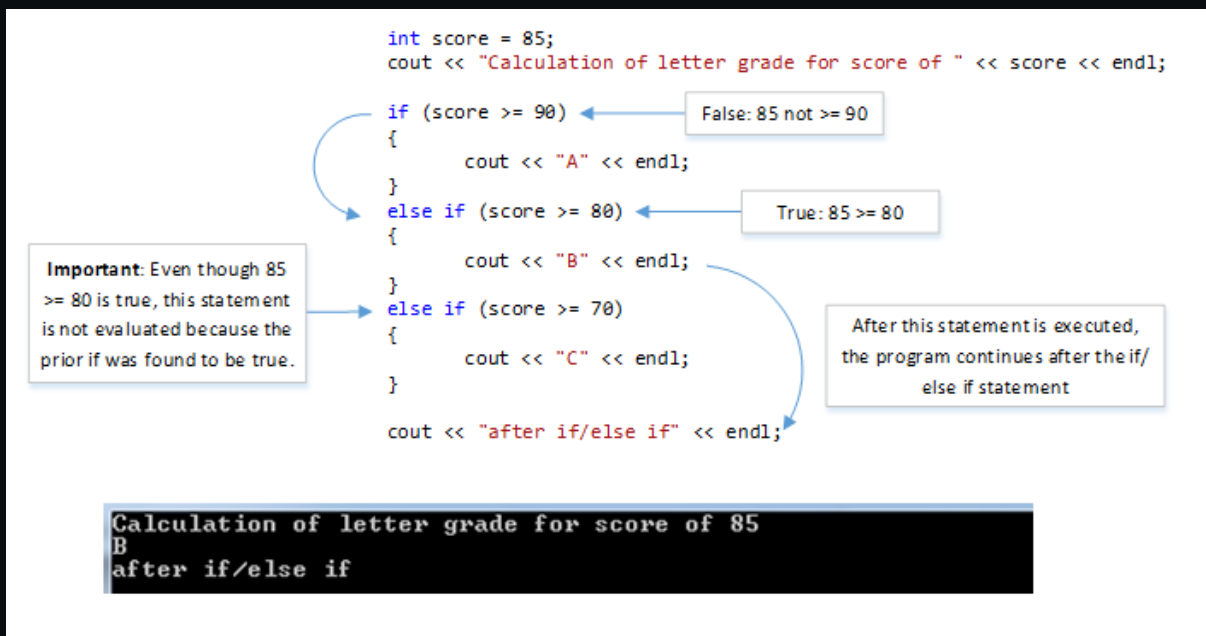
```
if (deltaTimeFromInit < (365 days)) {
    buyStakeFee = 50;
    sellStakeFee = 100;
    treasuryFee = 50;
} else if (deltaTimeFromInit >= (365 days)) {
    buyStakeFee = 30;
    sellStakeFee = 100;
    treasuryFee = 20;
} else if (deltaTimeFromInit >= (3 * 365 days)) {
    buyStakeFee = 20;
    sellStakeFee = 60;
    treasuryFee = 10;
} else if (deltaTimeFromInit >= (10 * 365 days)) {
    buyStakeFee = 20;
    sellStakeFee = 30;
    treasuryFee = 0;
}
```



```
Calculation of letter grade for score of 85
B
after if/else if
```

- If statements might never be reached (● resolved and fixed)  
If the second statement is reached ( $\geq 365$  days), then the other two below will not be called upon.

```
if (deltaTimeFromInit < (365 days)) {  
    rebaseRate = 943;  
} else if (deltaTimeFromInit  $\geq$  (365 days)) {  
    rebaseRate = 66;  
} else if (deltaTimeFromInit  $\geq$  (3 * 365 days)) {  
    rebaseRate = 10;  
} else if (deltaTimeFromInit  $\geq$  (10 * 365 days)) {  
    rebaseRate = 3;  
}
```



## ● High-risk

0 high-risk code issues found

Must be fixed, and will bring problems.

## Extra notes by the team

**Note: This project uses openzeppelin imports. While we do check the full contract for vulnerabilities at the time of the audit, we can not ensure the correctness of these imported modules.**

- Contract has pink antibot enabled
- The ownership of the contract isn't renounced.
- The owner can exclude from fees

# Contract Snapshot

```
contract Moox is IBEP20, Ownable {
    using SafeMath for uint256;

    address public constant BURN_ADDRESS =
0x0000000000000000000000000000000000dEaD;

    uint8 public constant DECIMALS = 18;
    uint8 public constant RATE_DECIMALS = 7;
    uint256 public constant MAX_UINT256 = ~uint256(0);
    uint256 private constant INITIAL_FRAGMENTS_SUPPLY = 100 * 10**3 *
10**DECIMALS;
    uint256 private constant TOTAL_GONS = MAX_UINT256 - (MAX_UINT256 %
INITIAL_FRAGMENTS_SUPPLY);
    uint256 public constant MAX_SUPPLY = 70 * 10**9 * 10**DECIMALS;
    uint256 public constant REBASE_PERIOD = 5 minutes;

    uint256 public constant FEE_DOMINATOR = 1000;

    IBEP20 public constant BUSD =
IBEP20(0xe9e7CEA3DedcA5984780BafC599bD69ADd087D56);
    IPancakeswapRouter public constant router =
IPancakeswapRouter(0x10ED43C718714eb63d5aA57B78B54704E256024E);
    IPinkAntiBot public constant pinkAntiBot =
IPinkAntiBot(0x8EFDb3b642eb2a20607ffe0A56CFefF6a95Df002);

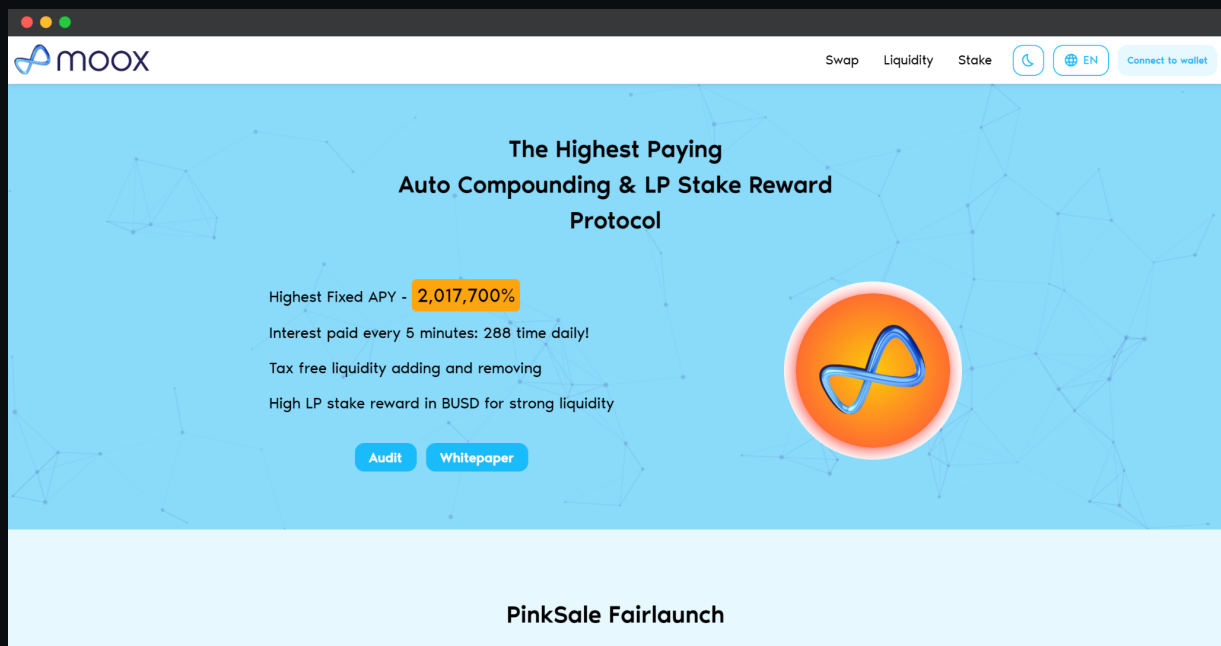
    string public _name = 'Moox';
    string public _symbol = 'MOOX';
    uint256 public _totalSupply;
    mapping(address => uint256) private _gonBalances;
    mapping(address => mapping(address => uint256)) private
_allowances;
    mapping(address => bool) _isFeeExempt;

    uint256 private _gonsPerFragment;

    address public pancakeswapPair;
    address public liquidityProxy;
    address public treasuryReceiver;

    IPancakeswapPair public pairContract;
```

# Website Review



Coinsult checks the website completely manually and looks for visual, technical and textual errors. We also look at the security, speed and accessibility of the website. In short, a complete check to see if the website meets the current standard of the web development industry.

- Mobile Friendly
- Contains no jQuery errors
- SSL Secured
- No major spelling errors

Loading speed: 86%



# Rug-pull Review

Based on the available information analyzed by us, we come to the following conclusions:

- Locked Liquidity (no liquidity yet)
- Large unlocked wallets
  - Note: Tokens not distributed yet
- Doxxed team (KYC verified)

# Honeypot Review

Based on the available information analyzed by us, we come to the following conclusions:

- Ability to sell
- Owner is not able to pause the contract
- Router can not be changed

**Note:** Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the project owner.