Coinsult

Advanced Manual Smart Contract Audit

Bork Finance

Project: Bork Referral

Website: https://borkfinance.dog/

Low-Risk	Medium-Risk	High-Risk
1 low-risk code issues found	0 medium-risk code issues found	0 high-risk code issues found

Contract Address

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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

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Source Code

Coinsult was comissioned by Bork Referral to perform an audit based on the following smart contract:

https://github.com/GambleFinance/borkcontract/blob/main/Referral.sol

Manual Code Review

In this audit report we will highlight all these issues:

🟢 Low-Risk

1 low-risk code
issues found

🟡 Medium-Risk

0 medium-risk code
issues found

🔴 High-Risk

0 high-risk code
issues found

The detailed report continues on the next page...

🟢 **Low-Risk:** Could be fixed, will not bring problems.

Redundant Statements

Detect the usage of redundant statements that have no effect.

```
function _msgData() internal view virtual returns (bytes memory) {
    this; // silence state mutability warning without generating bytecode - see https://github.com/et
    return msg.data;
}
```

Recommendation

Remove redundant statements if they congest code but offer no value.

Exploit scenario

```
contract RedundantStatementsContract {

    constructor() public {
        uint; // Elementary Type Name
        bool; // Elementary Type Name
        RedundantStatementsContract; // Identifier
    }

    function test() public returns (uint) {
        uint; // Elementary Type Name
        assert; // Identifier
        test; // Identifier
        return 777;
    }
}
```

Each commented line references types/identifiers, but performs no action with them, so no code will be generated for such statements and they can be removed.

Owner privileges

⚠️ Owner can change operator

Extra notes by the team

No notes

Contract Snapshot

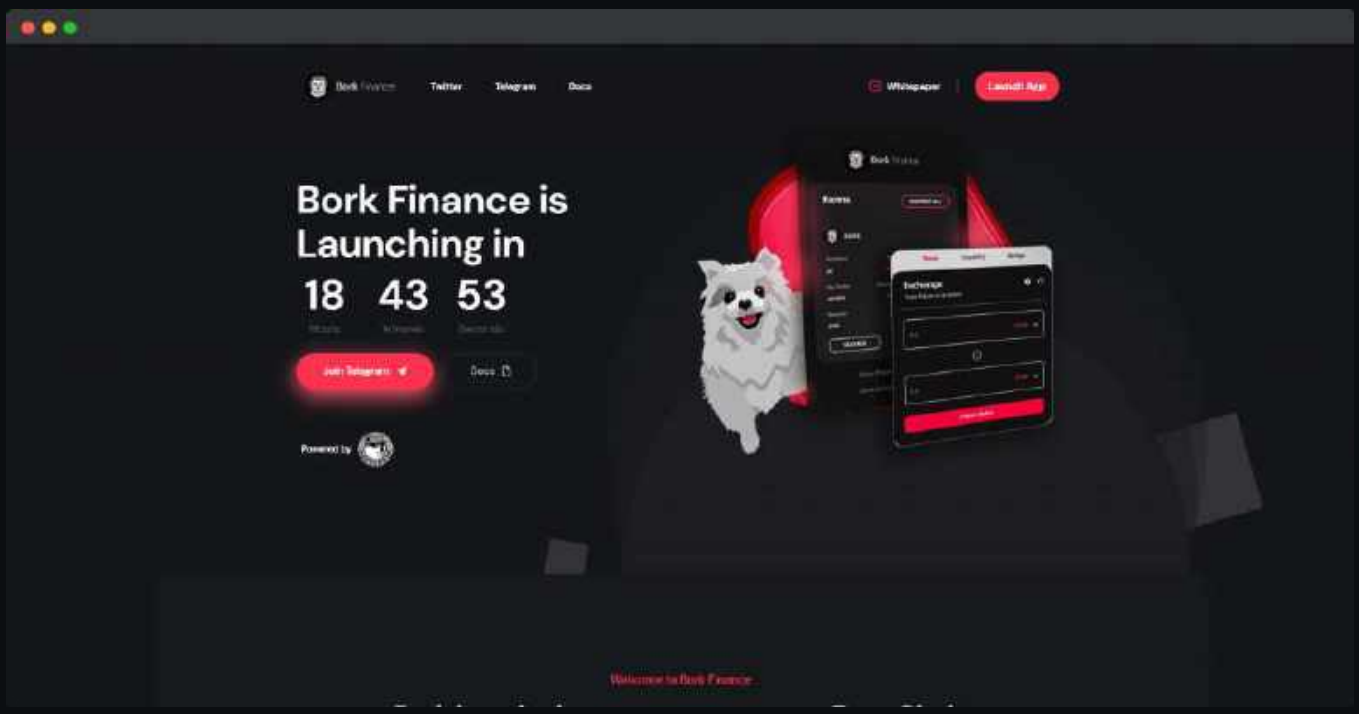
```
contract BorkReferral is Ownable {
using SafeBEP20 for IBEP20;

address public operator;
// user address =&gt; referrer address
mapping(address =&gt; address) public referrers;
// referrer address =&gt; referrals count
mapping(address =&gt; uint256) public referralsCount;
// referrer address =&gt; total referral commissions
mapping(address =&gt; uint256) public totalReferralCommissions;

event ReferralRecorded(address indexed user, address indexed referrer);
event ReferralCommissionRecorded(address indexed referrer, uint256 commission);
event OperatorUpdated(address indexed _oldOperator, address _newOperator);
```

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
- Does not contain jQuery errors
- SSL Secured
- No major spelling errors

Project Overview

Not KYC verified by Coinsult