Coinsult

Advanced Manual
Smart Contract Audit

Project: NFTGamingDAO
Website: https://nftgamingdao.com/

🟢 **Low-risk**
3 low-risk code
issues found

🟡 **Medium-risk**
0 medium-risk code
issues found

🔴 **High-risk**
0 high-risk code
issues found

Contract address
0xf14e8516f7df3c2f01d0bb1c02e89451e9d39ab7

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.

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Tokenomics

Rank	Address	Quantity (Token)	Percentage
1	0xa8785f189935b3d92af7b0a644cb52d5d7959df1	9,800,000	98.0000%
2	0x169f63fcbccdf1cd98880b376fda6ea712efcb47	200,000	2.0000%

Source code

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

https://ropsten.etherscan.io/address/0xf14e8516f7df3c2f01d0bb1c02e894 51e9d39ab7#code

Manual Code Review

🟢 **Low-risk**

3 low-risk code issues found.
Could be fixed, will not bring problems.

- Contract contains Reentrancy vulnerabilities:
    Additional information: This combination increases risk of malicious intent. While it may be justified by some complex mechanics (e.g. rebase, reflections, buyback). More information: Slither

```solidity
    function _transfer(address sender, address recipient, uint256 amount) internal virtual override {
        // Pre-flight checks
        require(amount > 0, "Transfer amount must be greater than zero");

        if (sender == owner() || recipient == owner() || isExcludedFromFee[sender] || isExcludedFromFee[recipient]) {
            super._transfer(sender, recipient, amount);
        } else {
            require(tradingOpen == true, "Trading is not yet open.");
            require(!isBlacked[sender], "sender is blacked to trasner");

            uint256 sendAmount = amount;
            uint256 feeAmount;
            //Buy Token
            if(automatedMarketMakerPairs[sender] && buyFee > 0) {
                feeAmount = amount.mul(buyFee).div(100);
                sendAmount = amount.sub(feeAmount);
            }
            //Sell Token
            if(automatedMarketMakerPairs[recipient] && sellFee > 0) {
                feeAmount = amount.mul(sellFee).div(100);
                sendAmount = amount.sub(feeAmount);
            }
            if(feeAmount > 0) {
                super._transfer(sender, BURN_ADDRESS, feeAmount);
            }
            super._transfer(sender, recipient, sendAmount);
```

```
        }
    }
```

- Missing zero address validation
  Check that the new address is not the zero address.

```
    address public operator;
address public uniswapV2Pair;
```

- Literals with many digits are difficult to read and review.
  Use: Ether suffix, Time suffix, or The scientific notation

```
uint256 public maxSupply = 380000 * 10**9;
_mint(msg.sender, 380000 * 10**9);
```

🟡 Medium-risk

0 medium-risk code issues found.
Should be fixed, could bring problems.

🔴 High-risk

0 high-risk code issues found
Must be fixed, and will bring problems.

Extra notes by the team

🔴 Owner can blacklist addresses

🟡 The ownership of the contract isn't renounced.

🟡 Owner can change the router address

🟡 About 50% of the contract is commented code, this could be removed

🟡 Owner can exclude addresses from fees.

🟡 Fees can be set up to 100% for both buy and sell fees.

Contract Snapshot

```solidity
contract NFTGMToken is BEP20, MinterRole {

    IUniswapV2Router02 public uniswapV2Router;
    address public uniswapV2Pair;

    // The operator is NOT the owner, is the operator of the machine
    address public operator;

    // Addresses excluded from fees
    mapping (address => bool) public isExcludedFromFee;

    mapping (address => bool) public automatedMarketMakerPairs;

    mapping (address => bool) public isBlacked;

    uint256 public buyFee;
    uint256 public sellFee = 5;    // default 10%
    // Trading bool
    bool public tradingOpen;

    // Burn address
    address public constant BURN_ADDRESS =
0x000000000000000000000000000000000000dEaD; // INMUTABLE

    address public constant V2ROUTER =
0x60aE616a2155Ee3d9A68541Ba4544862310933d4;

    // Events before Governance
    event OperatorTransferred(address indexed previousOperator, address
indexed newOperator);
    event SetAutomatedMarketMakerPair(address indexed pair, bool
indexed value);
    event UpdateBuyFee(uint16 buyFee);
    event UpdateSellFee(uint16 sellFee);
```
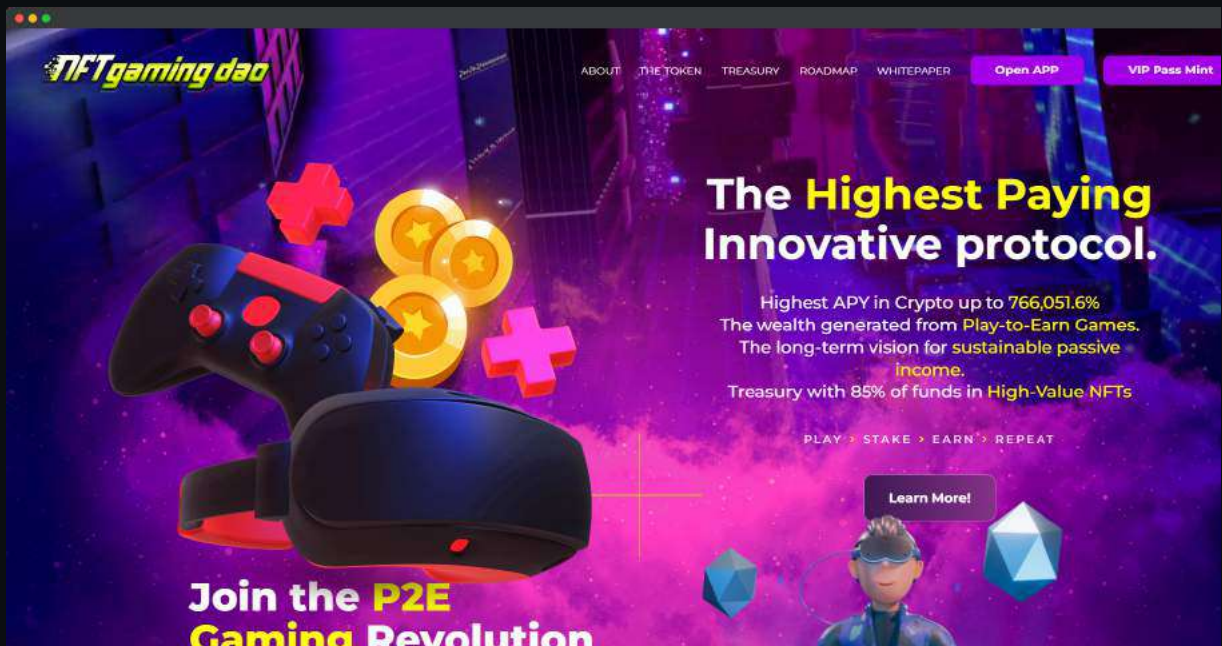
Website Review

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: 82%

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

🔴 No doxxed Team

Honeypot Review

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

🟡 Ability to sell
- Note: Fees can set up to 100%

🟢 Owner is not able to pause the contract

🟡 Router can 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.