

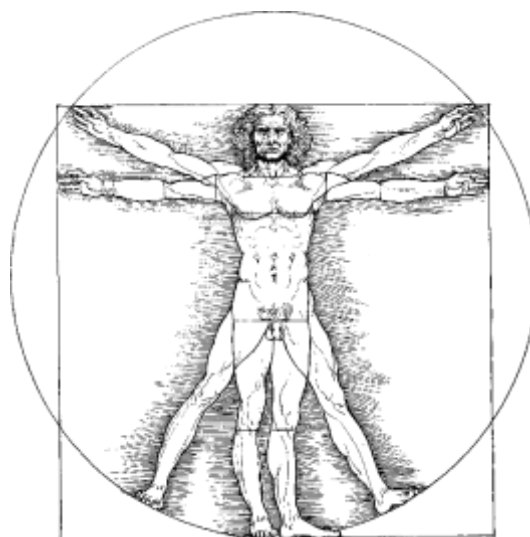


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Security Assessment

DONASWAP

Januari 7th, 2022





DISCLAIMER

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.





Audit Details

Smart contract check before deployment.

<https://github.com/DonaSwap/Donaswap.sol/blob/main/Donaswap.sol>





Security Issues Checking Status

NO	Issue description	Status
01	Compiler errors.	Passed
02	Race conditions and Reentrancy. Cross-function race conditions.	Passed
03	Possible delays in data delivery.	Passed
04	Oracle calls.	Passed
05	Front running.	Passed
06	Timestamp dependence.	Passed
07	Integer Overflow and Underflow.	Passed
08	DoS with Revert.	Passed
09	DoS with block gas limit.	Passed
10	Methods execution permissions.	Passed
11	Economy model of the contract.	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	Fallback function security.	Passed





Security Issues

Extreme Issues

NO EXTREME ISSUES FOUND

High Issues

NO HIGH ISSUES FOUND

Medium Issues

NO MEDIUM ISSUES FOUND

Low Issues

NO LOW ISSUES FOUND

Informational Issues

NO INFORMATIONAL ISSUES FOUND





Smart Contract Owner Functions

In the contract Donaswap.sol, the role Owner has the authority over the following function:

- transferOwnership
- excludeFromReward
- includeInReward
- excludeFromFee
- setTaxFeePercent
- setLiquidityFeePercent
- setNumTokensSellToAddToLiquidity
- setSwapAndLiquifyEnabled
- setMaxTxPercent
- setRouterAddress
- getBNBinContract
- withdrawToken

The team is adding multisignature wallets to prevent a single point of failure.





Conclusion

The smart contract contains no security issues. Please read our disclaimer above!



