



Full Audit Report

JournArt Security Assessment





TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

Table of Contents	1
Report Information	2
Disclaimer	3
Executive Summary	4
NVD CVSS Scoring	
Audit Result	
Project Introduction	5
Scope Information	
Audit Information	
Audit Version History	
Initial Audit Scope	6
Security Assessment Procedure	7
Risk Rating	8
Vulnerability Severity Summary	9
Vulnerability Findings	10-16
SWC & SEC-01 to SEC-06	
SWC Findings	17-19
Visibility, Mutability, Modifier function testing	20-30
Component, Exposed Function	
StateVariables, Capabilities, Contract Description Table	
Inheritate Function Relation Graph	31
UML Diagram	32
About Securi	33






TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

Report Information

About Report	JournArt Security Assessment
Version	v1.2
Client	JournArt
Language	Solidity
Confidentiality	Public
Contract Address	0xf3E07812eBC8604fdDB0AA35ff79a03F48f48948
Audit Method	Whitebox
Security Assessment Author	<div><div>Auditor</div><div> Mark K. [Security Researcher Redteam] Kevin N. [Security Researcher Web3 Dev] Yusheng T. [Security Researcher Incident Response]</div></div> <div>Approve Document Ronny C. CTO & Head of Security Researcher</div>

*Audit Method

Whitebox: Securi Team receives all source code from the client to provide the assessment.
Blackbox: Securi Team receives only bytecode from the client to provide the assessment.

Digital Sign (Only Full Audit Report)



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

Disclaimer

Regarding this security assessment, there are no guarantees about the security of the program instruction received from the client is hereinafter referred to as **"Source code"**.

And **SECURI Lab** hereinafter referred to as **"Service Provider"**, the **Service Provider** will not be held liable for any legal liability arising from errors in the security assessment. The responsibility will be the responsibility of the **Client**, hereinafter referred to as **"Service User"** and the **Service User** agrees not to be held liable to the **service provider** in any case. By contract **Service Provider** to conduct security assessments with integrity with professional ethics, and transparency to deliver security assessments to users The **Service Provider** has the right to postpone the delivery of the security assessment. If the security assessment is delayed whether caused by any reason and is not responsible for any delayed security assessments.

If the **service provider** finds a vulnerability The **service provider** will notify the **service user** via the Preliminary Report, which will be kept confidential for security. The **service provider** disclaims responsibility in the event of any attacks occurring whether before conducting a security assessment. Or happened later All responsibility shall be sole with the **service user**.

Security Assessment Not Financial/Investment Advice Any loss arising from any investment in any project is the responsibility of the investor.

SECURI disclaims any liability incurred. Whether it's Rugpull, Abandonment, Soft Rugpull



The SECURI LAB team has conducted a comprehensive security assessment of the vulnerabilities. This assessment is tested with an expert assessment. Using the following test requirements

1. Smart Contract Testing with Expert Analysis By testing the most common and uncommon vulnerabilities.
2. Automated program testing It includes a sample vulnerability test and a sample of the potential vulnerabilities being used for the most frequent attacks.
3. Visibility, Mutability, Modifier function testing, such as whether a function can be seen in general, or whether a function can be changed and if so, who can change it.
4. Function association test It will be displayed through the association graph.
5. This safety assessment is cross-checked prior to the delivery of the assessment results.

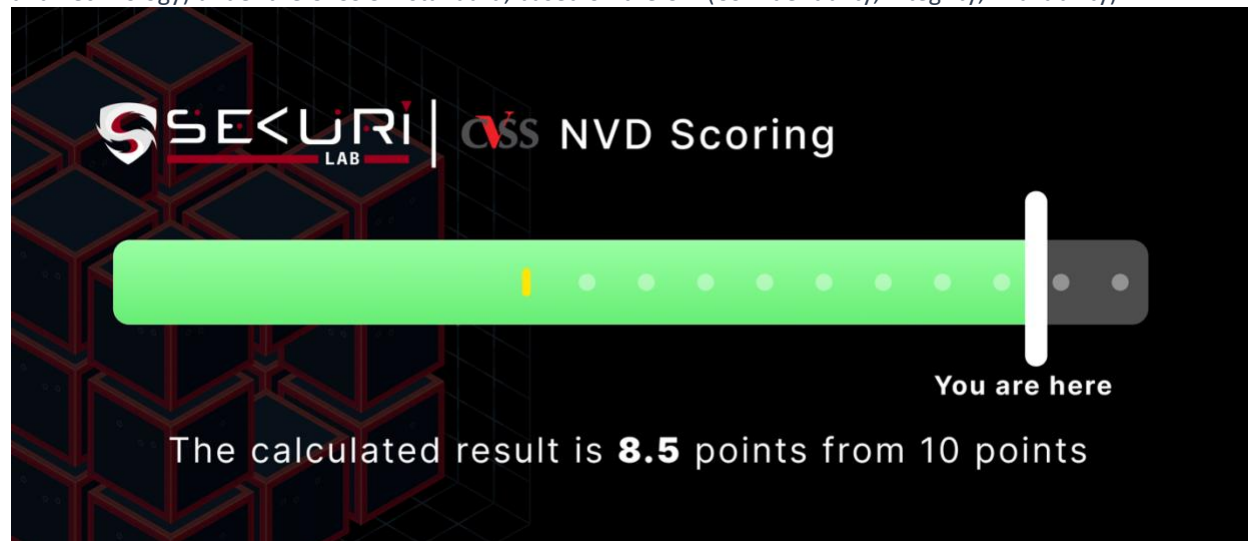
FULL AUDIT REPORT

Executive Summary

For this security assessment, SECURI LAB received a request from JournArt on Tuesday, January 31, 2023.

NVD CVSS Scoring

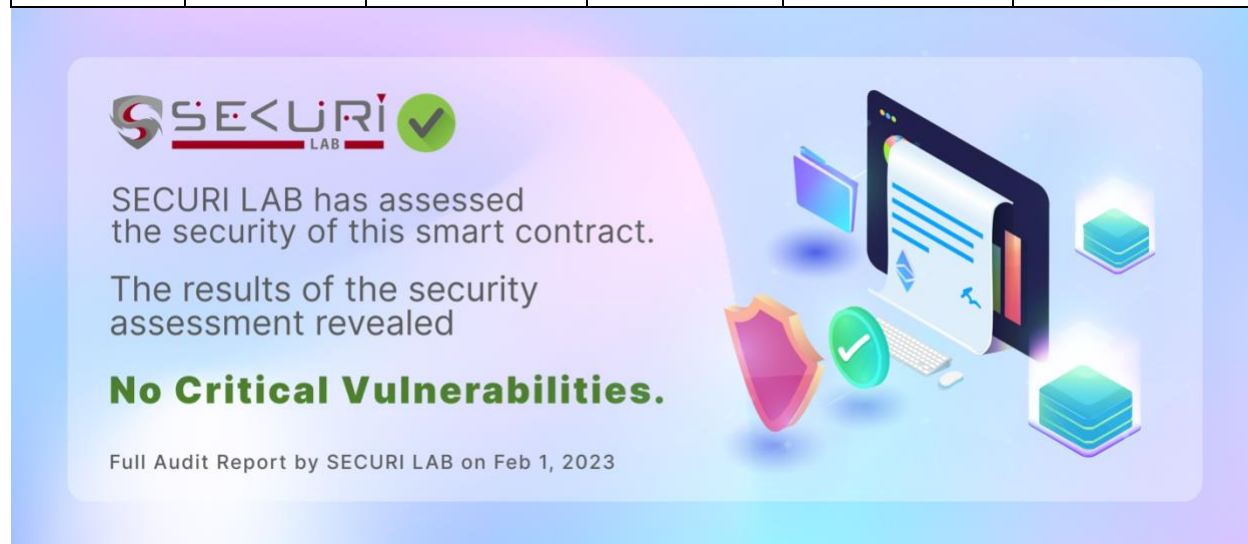
The score was calculated using the NVD (National Vulnerability Database) of NIST (National Institute of Standards and Technology) under the CVSS 3.1 standard, based on the CIA (Confidentiality, Integrity, Availability).



Audit Result

SECURI LAB evaluated the smart contract security of the project and found: **[Total : 6]**

Critical	High	Medium	Low	Very Low	Informational
0	0	1	3	0	2



SECURI LAB has assessed the security of this smart contract.

The results of the security assessment revealed

No Critical Vulnerabilities.

Full Audit Report by SECURI LAB on Feb 1, 2023



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

Project Introduction

Scope Information:

Project Name	JournArt
Website	https://journart.space
Chain	BNB Chain (Previously Binance Smart Chain)
Language	Solidity

Audit Information:

Request Date	Tuesday, January 31, 2023
Audit Date	Wednesday, February 1, 2023
Re-assessment Date	-

Audit Version History:

Version	Date	Description
1.0	Wednesday, February 1, 2023	Preliminary Report
1.1	Thursday, February 2, 2023	Full Audit Report
1.2	Tuesday, February 14, 2023	Full Audit Report [Update Report Template]



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

Initial Audit Scope:

Smart Contract	0xf3E07812eBC8604fdDB0AA35ff79a03F48f48948
Compiler Version	v0.8.17+commit.8df45f5f



FULL AUDIT REPORT

Security Assessment Procedure

Securi has the following procedures and regulations for conducting security assessments:

1.Request Audit Client submits a form request through the Securi channel. After receiving the request, Securi will discuss a security assessment. And drafting a contract and agreeing to sign a contract together with the Client

2.Auditing Securi performs security assessments of smart contracts obtained through automated analysis and expert manual audits.

3.Preliminary Report At this stage, Securi will deliver an initial security assessment. To report on vulnerabilities and errors found under Audit Scope will not publish preliminary reports for safety.

4.Reassessment After Securi has delivered the Preliminary Report to the Client, Securi will track the status of the vulnerability or error, which will be published to the Final Report at a later date with the following statuses:

a.Acknowledge The client has been informed about errors or vulnerabilities from the security assessment.

b.Resolved The client has resolved the error or vulnerability. Resolved is probably just a commit, and Securi is unable to verify that the resolved has been implemented or not.

c.Decline Client has rejected the results of the security assessment on the issue.

5.Final Report Securi providing full security assessment report and public



FULL AUDIT REPORT

Risk Rating

Risk rating using this commonly defined: $Risk\ rating = impact * confidence$

Impact The severity and potential impact of an attacker attack

Confidence Ensuring that attackers expose and use this vulnerability

Both have a total of 3 levels: **High, Medium, Low**. By *Informational* will not be classified as a level

Confidence Impact [Likelihood]	Low	Medium	High
Low	Very Low	Low	Medium
Medium	Low	Medium	High
High	Medium	High	Critical

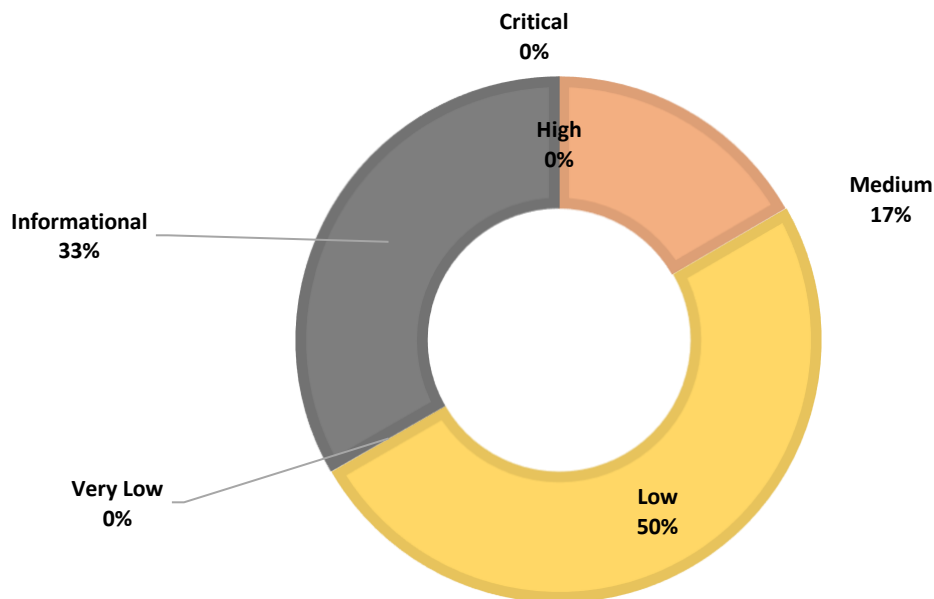
Severity is a risk assessment It is calculated from the Impact and Confidence values using the following calculation methods, $Risk\ rating = impact * confidence$ It is categorized into **5 categories based on the lowest severity: Very Low, Low, Medium, High, Critical**. For **Informational** will not be counted as **severity**

FULL AUDIT REPORT

Vulnerability Severity Summary

Vulnerability Severity Level	Total
Critical	0
High	0
Medium	1
Low	3
Very Low	0
Informational (Non severity level)	2

VULNERABILITY SEVERITY PIE CHART





TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

Vulnerability Findings

ID	Title	Severity	Status
SEC-01	Imprecise arithmetic operations order (divide-before-multiply)	Medium	Acknowledge
SEC-02	Missing Events Arithmetic (events-maths)	LOW	Acknowledge
SEC-03	Missing Zero Address Validation (missing-zero-check)	LOW	Acknowledge
SEC-04	Local variables shadowing (shadowing-local)	LOW	Acknowledge
SEC-05	Conformity to Solidity naming conventions (naming-convention)	Informational	Acknowledge
SEC-06	Costly operations in a loop (costly-loop)	Informational	Acknowledge

FULL AUDIT REPORT

SEC-01: Imprecise arithmetic operations order (divide-before-multiply)

Type	Severity	Location	Status
Imprecise arithmetic operations order (divide-before-multiply)	Medium	Check on finding	Acknowledge

Finding:

✗ JournArt._tokenTransfer(address,address,uint256,bool) (JournArt.sol:1519-1713) performs a multiplication on the result of a division:

- $tBurn = tAmount * _Fee_Sell_Burn / 100$ (JournArt.sol#1527)
- $rBurn = tBurn * RFI$ (JournArt.sol#1556)

✗ JournArt._tokenTransfer(address,address,uint256,bool) (JournArt.sol:1519-1713) performs a multiplication on the result of a division:

- $tReflect = tAmount * _Fee_Sell_Reflection / 100$ (JournArt.sol#1529)
- $rReflect = tReflect * RFI$ (JournArt.sol#1558)

✗ JournArt._tokenTransfer(address,address,uint256,bool) (JournArt.sol:1519-1713) performs a multiplication on the result of a division:

- $tSwapFeeTotal = tAmount * _SwapFeeTotal_Sell / 100$ (JournArt.sol#1530)
- $rSwapFeeTotal = tSwapFeeTotal * RFI$ (JournArt.sol#1559)

✗ JournArt._tokenTransfer(address,address,uint256,bool) (JournArt.sol:1519-1713) performs a multiplication on the result of a division:

- $tTokens = tAmount * _Fee_Sell_Tokens / 100$ (JournArt.sol#1528)
- $rTokens = tTokens * RFI$ (JournArt.sol#1557)

Recommendation:

Consider ordering multiplication before division.

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#divide-before-multiply>

Alleviation:

JournArt Team has acknowledge this issue.



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

SEC-02: Missing Events Arithmetic (events-maths)

Type	Severity	Location	Status
Missing Events Arithmetic (events-maths)	LOW	Check on finding	Acknowledge

Finding:

✗ JournArt.Processing__Swap_Trigger_Count(uint256) (JournArt.sol:1051-1054) should emit an event for:

- swapTrigger = Transaction_Count + 1 (JournArt.sol#1053)

Recommendation:

Emit an event for critical parameter changes.

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#missing-events-arithmetic>



Alleviation:

JournArt Team has acknowledge this issue.



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

SEC-03: Missing Zero Address Validation (missing-zero-check)

Type	Severity	Location	Status
Missing Zero Address Validation (missing-zero-check)	LOW	Check on finding	Acknowledge

Finding:

- ✗ JournArt.Update_Project_Wallets(address,address,address).Liquidity_Collection_Wallet (JournArt.sol:870) lacks a zero-check on :
- Wallet_Liquidity = Liquidity_Collection_Wallet (JournArt.sol#886)

Recommendation:

Check that the address is not zero.

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#missing-zero-address-validation>



Alleviation:

JournArt Team has acknowledge this issue.



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

SEC-04: Local variables shadowing (shadowing-local)

Type	Severity	Location	Status
Local variables shadowing (shadowing-local)	LOW	Check on finding	Acknowledge

Finding:

- ✗ JournArt._approve(address,address,uint256).owner (JournArt.sol:1227) shadows:
- JournArt.owner() (JournArt.sol#1183-1185) (function)

Recommendation:

Rename the local variables that shadow another component.

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#local-variable-shadowing>

Alleviation:

JournArt Team has acknowledge this issue.





TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

SEC-05: Conformity to Solidity naming conventions (naming-convention)

Type	Severity	Location	Status
Conformity to Solidity naming conventions (naming-convention)	Informational	Check on finding	Acknowledge

Finding:

✗ Constant JournArt.Wallet_Burn (JournArt.sol:617) is not in UPPER_CASE_WITH_UNDERSCORES

Recommendation:

Follow the Solidity [naming convention](<https://solidity.readthedocs.io/en/v0.4.25/style-guide.html#naming-conventions>).

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#conformance-to-solidity-naming-conventions>



Alleviation:

JournArt Team has acknowledge this issue.



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

SEC-06: Costly operations in a loop (costly-loop)

Type	Severity	Location	Status
Costly operations in a loop (costly-loop)	Informational	Check on finding	Acknowledge

Finding:

- ✗ JournArt.Rewards_Include_Wallet(address) (JournArt.sol:1111-1122) has costly operations inside a loop:
- _excluded.pop() (JournArt.sol#1118)

Recommendation:

Use a local variable to hold the loop computation result.

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#costly-operations-inside-a-loop>



Alleviation:

JournArt Team has acknowledge this issue.

FULL AUDIT REPORT

SWC Findings

ID	Title	Scanning	Result
SWC-100	Function Default Visibility	Complete	No risk
SWC-101	Integer Overflow and Underflow	Complete	No risk
SWC-102	Outdated Compiler Version	Complete	No risk
SWC-103	Floating Pragma	Complete	No risk
SWC-104	Unchecked Call Return Value	Complete	No risk
SWC-105	Unprotected Ether Withdrawal	Complete	No risk
SWC-106	Unprotected SELFDESTRUCT Instruction	Complete	No risk
SWC-107	Reentrancy	Complete	No risk
SWC-108	State Variable Default Visibility	Complete	No risk
SWC-109	Uninitialized Storage Pointer	Complete	No risk
SWC-110	Assert Violation	Complete	No risk
SWC-111	Use of Deprecated Solidity Functions	Complete	No risk
SWC-112	Delegatecall to Untrusted Callee	Complete	No risk
SWC-113	DoS with Failed Call	Complete	No risk

FULL AUDIT REPORT

SWC-114	Transaction Order Dependence	Complete	No risk
SWC-115	Authorization through tx.origin	Complete	No risk
SWC-116	Block values as a proxy for time	Complete	No risk
SWC-117	Signature Malleability	Complete	No risk
SWC-118	Incorrect Constructor Name	Complete	No risk
SWC-119	Shadowing State Variables	Complete	No risk
SWC-120	Weak Sources of Randomness from Chain Attributes	Complete	No risk
SWC-121	Missing Protection against Signature Replay Attacks	Complete	No risk
SWC-122	Lack of Proper Signature Verification	Complete	No risk
SWC-123	Requirement Violation	Complete	No risk
SWC-124	Write to Arbitrary Storage Location	Complete	No risk
SWC-125	Incorrect Inheritance Order	Complete	No risk
SWC-126	Insufficient Gas Griefing	Complete	No risk
SWC-127	Arbitrary Jump with Function Type Variable	Complete	No risk
SWC-128	DoS With Block Gas Limit	Complete	No risk



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

SWC-129	Typographical Error	Complete	No risk
SWC-130	Right-To-Left-Override control character (U+202E)	Complete	No risk
SWC-131	Presence of unused variables	Complete	No risk
SWC-132	Unexpected Ether balance	Complete	No risk
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Complete	No risk
SWC-134	Message call with hardcoded gas amount	Complete	No risk
SWC-135	Code With No Effects	Complete	No risk
SWC-136	Unencrypted Private Data On-Chain	Complete	No risk



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT



Visibility, Mutability, Modifier function testing

Components

 Contracts	 Libraries	 Interfaces	 Abstract
2	2	5	1

Exposed Functions

This section lists functions that are explicitly declared public or payable. Please note that getter methods for public stateVars are not included.

 Public	 Payable				
104	8				
External	Internal	Private	Pure	View	
87	93	9	17	38	

StateVariables

Total	 Public
70	30

Capabilities

Solidity Versions observed	 Experimental Features	 Can Receive Funds	 Uses Assembly	 Has Destroyable Contracts
0.8.17		yes	yes (2 asm blocks)	



TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment
























FULL AUDIT REPORT

Transfers ETH	Low-Level Calls	Delegate Call	Uses Hash Functions	ECR recover	New/Create/Create 2
yes		yes			yes → NewContract:JournArt
TryCatch	Σ Unchecked				
	yes				



FULL AUDIT REPORT

Contracts Description Table

Contract	Type	Bases		
L	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
L	totalSupply	External 		NO 
L	balanceOf	External 		NO 
L	transfer	External 		NO 
L	allowance	External 		NO 
L	approve	External 		NO 
L	transferFrom	External 		NO 
SafeMath	Library			
L	add	Internal 		
L	sub	Internal 		
L	mul	Internal 		
L	div	Internal 		
L	sub	Internal 		
L	div	Internal 		
Context	Implementation			
L	_msgSender	Internal 		
L	_msgData	Internal 		
Address	Library			

FULL AUDIT REPORT

Contract	Type	Bases		
L	isContract	Internal 🔒		
L	sendValue	Internal 🔒	🔒	
L	functionCall	Internal 🔒	🔒	
L	functionCall	Internal 🔒	🔒	
L	functionCallWithValue	Internal 🔒	🔒	
L	functionCallWithValue	Internal 🔒	🔒	
L	functionStaticCall	Internal 🔒		
L	functionStaticCall	Internal 🔒		
L	functionDelegateCall	Internal 🔒	🔒	
L	functionDelegateCall	Internal 🔒	🔒	
L	_verifyCallResult	Private 🔒		
IUniswapV2Factory	Interface			
L	feeTo	External ⚠️		NO⚠️
L	feeToSetter	External ⚠️		NO⚠️
L	getPair	External ⚠️		NO⚠️
L	allPairs	External ⚠️		NO⚠️
L	allPairsLength	External ⚠️		NO⚠️
L	createPair	External ⚠️	🔒	NO⚠️
L	setFeeTo	External ⚠️	🔒	NO⚠️
L	setFeeToSetter	External ⚠️	🔒	NO⚠️

FULL AUDIT REPORT

Contract	Type	Bases		
IUniswapV2P air	Interface			
L	name	External ¶		NO¶
L	symbol	External ¶		NO¶
L	decimals	External ¶		NO¶
L	totalSupply	External ¶		NO¶
L	balanceOf	External ¶		NO¶
L	allowance	External ¶		NO¶
L	approve	External ¶	⊗	NO¶
L	transfer	External ¶	⊗	NO¶
L	transferFrom	External ¶	⊗	NO¶
L	DOMAIN_SEPARATOR	External ¶		NO¶
L	PERMIT_TYPEHASH	External ¶		NO¶
L	nonces	External ¶		NO¶
L	permit	External ¶	⊗	NO¶
L	MINIMUM_LIQUIDITY	External ¶		NO¶
L	factory	External ¶		NO¶
L	token0	External ¶		NO¶
L	token1	External ¶		NO¶
L	getReserves	External ¶		NO¶
L	price0CumulativeLast	External ¶		NO¶
L	price1CumulativeLast	External ¶		NO¶
L	kLast	External ¶		NO¶













FULL AUDIT REPORT

Contract	Type	Bases		
L	burn	External ⚠	⚠	NO⚠
L	swap	External ⚠	⚠	NO⚠
L	skim	External ⚠	⚠	NO⚠
L	sync	External ⚠	⚠	NO⚠
L	initialize	External ⚠	⚠	NO⚠
IUniswapV2Router01	Interface			
L	factory	External ⚠		NO⚠
L	WETH	External ⚠		NO⚠
L	addLiquidity	External ⚠	⚠	NO⚠
L	addLiquidityETH	External ⚠	⚠	NO⚠
L	removeLiquidity	External ⚠	⚠	NO⚠
L	removeLiquidityETH	External ⚠	⚠	NO⚠
L	removeLiquidityWithPermit	External ⚠	⚠	NO⚠
L	removeLiquidityETHWithPermit	External ⚠	⚠	NO⚠
L	swapExactTokensForTokens	External ⚠	⚠	NO⚠
L	swapTokensForExactTokens	External ⚠	⚠	NO⚠
L	swapExactETHForTokens	External ⚠	⚠	NO⚠
L	swapTokensForExactETH	External ⚠	⚠	NO⚠
L	swapExactTokensForETH	External ⚠	⚠	NO⚠
L	swapETHForExactTokens	External ⚠	⚠	NO⚠
L	quote	External ⚠		NO⚠

FULL AUDIT REPORT

Contract	Type	Bases		
L	getAmountOut	External ⓘ		NO ⓘ
L	getAmountIn	External ⓘ		NO ⓘ
L	getAmountsOut	External ⓘ		NO ⓘ
L	getAmountsIn	External ⓘ		NO ⓘ
IUniswapV2Router02	Interface	IUniswapV2Router01		
L	removeLiquidityETHSupportingFeeOnTransferTokens	External ⓘ	⚠	NO ⓘ
L	removeLiquidityETHWithPermitSupportingFeeOnTransferTokens	External ⓘ	⚠	NO ⓘ
L	swapExactTokensForTokensSupportingFeeOnTransferTokens	External ⓘ	⚠	NO ⓘ
L	swapExactETHForTokensSupportingFeeOnTransferTokens	External ⓘ	⚠	NO ⓘ
L	swapExactTokensForETHSupportingFeeOnTransferTokens	External ⓘ	⚠	NO ⓘ
REFLECTIO NS_TOKEN	Implementation	Context		
L	CreateToken_PaymentOption	Public ⓘ	⚠	NO ⓘ
L		External ⓘ	⚠	NO ⓘ
L	Purge_BNB	External ⓘ	⚠	NO ⓘ
L	Purge_Tokens	External ⓘ	⚠	NO ⓘ
L	send_BNB	Internal 🔒	⚠	
JournArt	Implementation	Context, IERC20		






















FULL AUDIT REPORT

Contract	Type	Bases		
L		Public ⓘ		NO ⓘ
L	Token_Information	External ⓘ		NO ⓘ
L	ContractSetUp01_Feeson_Buy	External ⓘ		onlyOwner
L	ContractSetUp02_Feeson_Sell	External ⓘ		onlyOwner
L	ContractSetUp03_WalletLimits	External ⓘ		onlyOwner
L	ContractSetUp04_OpenTrade	External ⓘ		onlyOwner
L	ContractSetUp05_BlacklistBots	External ⓘ		onlyOwner
L	Option_DeflationaryBurn	External ⓘ		onlyOwner
L	Option_NoFeeWalletTransfers	Public ⓘ		onlyOwner
L	UpdateProjectWallets	External ⓘ		onlyOwner
L	UpdateProjectLinks	External ⓘ		onlyOwner
L	Maintenance_RemoveContract_Fee	External ⓘ		onlyOwner
L	Maintenance_AddLiquidity_Pair	External ⓘ		onlyOwner
L	Maintenance_TransferOwnership	Public ⓘ		onlyOwner
L	Maintenance_RenounceOwnership	Public ⓘ		onlyOwner



FULL AUDIT REPORT

Contract	Type	Bases		
L	Processing_AutoProcess	External ⓘ		onlyOwner
L	Processing_ProcessNow	External ⓘ		onlyOwner
L	Processing_SwapTrigger_Count	External ⓘ		onlyOwner
L	Processing_RemoveRandom_Tokens	External ⓘ		onlyOwner
L	RewardsExcludeWallet	Public ⓘ		onlyOwner
L	RewardsIncludeWallet	External ⓘ		onlyOwner
L	WalletSettingsExcludeFrom_Fees	External ⓘ		onlyOwner
L	WalletSettingsExemptFrom_Limits	External ⓘ		onlyOwner
L	WalletSettingsPreLaunchAccess	External ⓘ		onlyOwner
L	owner	Public ⓘ		NO ⓘ
L	name	Public ⓘ		NO ⓘ
L	symbol	Public ⓘ		NO ⓘ
L	decimals	Public ⓘ		NO ⓘ
L	totalSupply	Public ⓘ		NO ⓘ
L	balanceOf	Public ⓘ		NO ⓘ
L	allowance	Public ⓘ		NO ⓘ
L	increaseAllowance	Public ⓘ		NO ⓘ
L	decreaseAllowance	Public ⓘ		NO ⓘ

FULL AUDIT REPORT

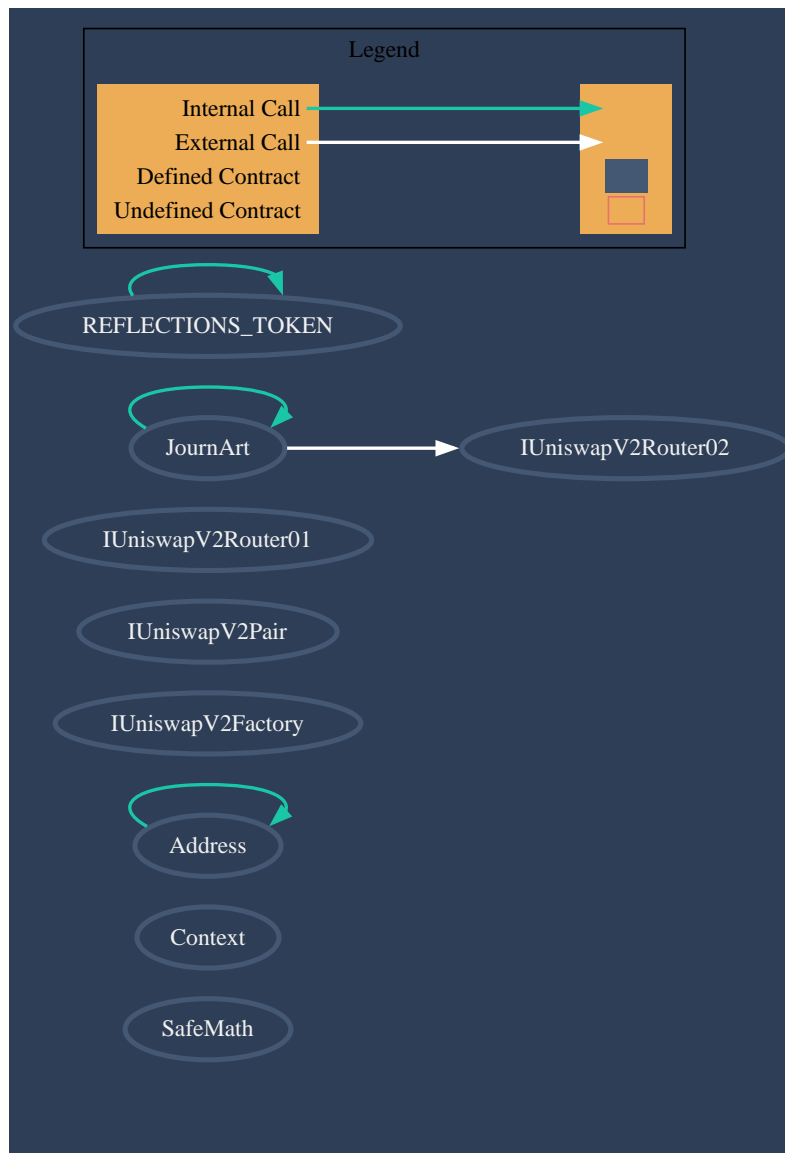
Contract	Type	Bases		
L	approve	Public !		NO!
L	_approve	Private 		
L	tokenFromReflection	Internal 		
L	_getRate	Private 		
L	_getCurrentSupply	Private 		
L	transfer	Public !		NO!
L	transferFrom	Public !		NO!
L	send_BNB	Internal 		
L	_transfer	Private 		
L	swapAndLiquify	Private 		
L	swapTokensForBNB	Private 		
L	addLiquidity	Private 		
L	_tokenTransfer	Private 		
L		External !		NO!

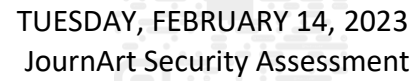
Legend

Symbol	Meaning
	Function can modify state
	Function is payable

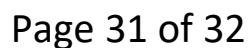
FULL AUDIT REPORT

Inheritate Function Relation Graph





UML Class Diagram





TUESDAY, FEBRUARY 14, 2023
JournArt Security Assessment

FULL AUDIT REPORT

About SECURI LAB

SECURI LAB is a group of cyber security experts providing cyber security consulting, smart contract security audits, and KYC services.



Follow Us On:

Website	https://securi-lab.com/
Twitter	https://twitter.com/SECURI_LAB
Telegram	https://t.me/securi_lab
Medium	https://medium.com/@securi

