



FINN Token

# Smart Contract Audit Report

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## Disclaimer

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# AUDITED DETAILS

## Audited Project

Project name	Token ticker	Blockchain
FINN Token	FINN	Moonriver

## Addresses

Contract address	0x9a92b5ebf1f6f6f7d93696fcd44e5cf75035a756
Contract deployer address	0xb87A39c5D3f5C53395Ba11b5058655A4A8AC82a5

## Project Website

<https://www.huckleberry.finance/>

## Codebase

<https://moonriver.moonscan.io/address/0x9a92b5ebf1f6f6f7d93696fcd44e5cf75035a756#code>

# SUMMARY

FINN is Huckleberry's governance and reward token. It is a reflect token, meaning 1% of every FINN transaction is automatically shared among all FINN holders, proportional to their holdings. Huckleberry is a community-driven AMM cross-chain DEX built on Moonriver.

## Contract Summary

### Documentation Quality

FINN Token provides a very good documentation with standard of solidity base code.

- The technical description is provided clearly and structured and also don't have any high risk issue.

### Code Quality

The Overall quality of the basecode is standard.

- Standard solidity basecode and rules are already followed by FINN Token with the discovery of several low issues.

### Test Coverage

Test coverage of the project is 100% ( Through Codebase )

## Audit Findings Summary

- SWC-100 SWC-108 | Explicitly define visibility for all state variables on lines 633 and 634.
- SWC-101 | It is recommended to use vetted safe math libraries for arithmetic operations consistently on lines 147, 159, 172, 173, 184, 194, 208, 225, 240, 241, 259, 276, 294, 314, 334, 657, 657, 762, 764, 873 and 764.
- SWC-103 | Pragma statements can be allowed to float when a contract is intended on lines 12, 39, 45, 125, 342, 534 and 603.
- SWC-110 SWC-123 | It is recommended to use of revert(), assert(), and require() in Solidity, and the new REVERT opcode in the EVM on lines 763, 764, 764, 874, 874, 875 and 876.

## CONCLUSION

We have audited the FINN Token project released on September 2021 to discover issues and identify potential security vulnerabilities in FINN Token Project. This process is used to find technical issues and security loopholes which might be found in the smart contract.

The security audit report provides satisfactory results with low-risk issues.

The issues found in the FINN Token smart contract code do not pose a considerable risk. The writing of the contract is close to the standard of writing contracts in general. The low-risk issues found are some arithmetic operation issues, a floating pragma is set, a state variable visibility is not set, and out-of-bounds array access which the index access expression can cause an exception in case of the use of an invalid array index value.

# AUDIT RESULT

Article	Category	Description	Result
Default Visibility	SWC-100 SWC-108	Functions and state variables visibility should be set explicitly. Visibility levels should be specified consciously.	<b>ISSUE FOUND</b>
Integer Overflow and Underflow	SWC-101	If unchecked math is used, all math operations should be safe from overflows and underflows.	<b>ISSUE FOUND</b>
Outdated Compiler Version	SWC-102	It is recommended to use a recent version of the Solidity compiler.	<b>PASS</b>
Floating Pragma	SWC-103	Contracts should be deployed with the same compiler version and flags that they have been tested thoroughly.	<b>ISSUE FOUND</b>
Unchecked Call Return Value	SWC-104	The return value of a message call should be checked.	<b>PASS</b>
Unprotected Ether Withdrawal	SWC-105	Due to missing or insufficient access controls, malicious parties can withdraw from the contract.	<b>PASS</b>
SELFDESTRUCT Instruction	SWC-106	The contract should not be self-destructible while it has funds belonging to users.	<b>PASS</b>
Reentrancy	SWC-107	Check effect interaction pattern should be followed if the code performs recursive call.	<b>PASS</b>
Uninitialized Storage Pointer	SWC-109	Uninitialized local storage variables can point to unexpected storage locations in the contract.	<b>PASS</b>
Assert Violation	SWC-110 SWC-123	Properly functioning code should never reach a failing assert statement.	<b>ISSUE FOUND</b>
Deprecated Solidity Functions	SWC-111	Deprecated built-in functions should never be used.	<b>PASS</b>
Delegate call to Untrusted Callee	SWC-112	Delegatecalls should only be allowed to trusted addresses.	<b>PASS</b>

DoS (Denial of Service)	SWC-113 SWC-128	Execution of the code should never be blocked by a specific contract state unless required.	PASS
Race Conditions	SWC-114	Race Conditions and Transactions Order Dependency should not be possible.	PASS
Authorization through tx.origin	SWC-115	tx.origin should not be used for authorization.	PASS
Block values as a proxy for time	SWC-116	Block numbers should not be used for time calculations.	PASS
Signature Unique ID	SWC-117 SWC-121 SWC-122	Signed messages should always have a unique id. A transaction hash should not be used as a unique id.	PASS
Incorrect Constructor Name	SWC-118	Constructors are special functions that are called only once during the contract creation.	PASS
Shadowing State Variable	SWC-119	State variables should not be shadowed.	PASS
Weak Sources of Randomness	SWC-120	Random values should never be generated from Chain Attributes or be predictable.	PASS
Write to Arbitrary Storage Location	SWC-124	The contract is responsible for ensuring that only authorized user or contract accounts may write to sensitive storage locations.	PASS
Incorrect Inheritance Order	SWC-125	When inheriting multiple contracts, especially if they have identical functions, a developer should carefully specify inheritance in the correct order. The rule of thumb is to inherit contracts from more /general/ to more /specific/.	PASS
Insufficient Gas Griefing	SWC-126	Insufficient gas griefing attacks can be performed on contracts which accept data and use it in a sub-call on another contract.	PASS
Arbitrary Jump Function	SWC-127	As Solidity doesnt support pointer arithmetics, it is impossible to change such variable to an arbitrary value.	PASS

Typographical Error	SWC-129	A typographical error can occur for example when the intent of a defined operation is to sum a number to a variable.	PASS
Override control character	SWC-130	Malicious actors can use the Right-To-Left-Override unicode character to force RTL text rendering and confuse users as to the real intent of a contract.	PASS
Unused variables	SWC-131 SWC-135	Unused variables are allowed in Solidity and they do not pose a direct security issue.	PASS
Unexpected Ether balance	SWC-132	Contracts can behave erroneously when they strictly assume a specific Ether balance.	PASS
Hash Collisions Variable	SWC-133	Using <code>abi.encodePacked()</code> with multiple variable length arguments can, in certain situations, lead to a hash collision.	PASS
Hardcoded gas amount	SWC-134	The <code>transfer()</code> and <code>send()</code> functions forward a fixed amount of 2300 gas.	PASS
Unencrypted Private Data	SWC-136	It is a common misconception that private type variables cannot be read.	PASS



# SMART CONTRACT ANALYSIS

Started	Sunday Sep 26 2021 23:46:16 GMT+0000 (Coordinated Universal Time)
Finished	Monday Sep 27 2021 02:17:51 GMT+0000 (Coordinated Universal Time)
Mode	Standard
Main Source File	FINN.sol

## Detected Issues

ID	Title	Severity	Status
SWC-101	ARITHMETIC OPERATION "+" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "%" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "%" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged





## SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 147

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
146 function tryAdd(uint256 a, uint256 b) internal pure returns (bool, uint256) {
147     uint256 c = a + b;
148     if (c < a) return (false, 0);
149     return (true, c);
150 }
151
```

## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 159

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
158   if (b > a) return (false, 0);
159   return (true, a - b);
160   }
161
162   /**
163
```

## SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 172

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
171  if (a == 0) return (true, 0);
172  uint256 c = a * b;
173  if (c / a != b) return (false, 0);
174  return (true, c);
175  }
176
```

## SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 173

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
172  uint256 c = a * b;
173  if (c / a != b) return (false, 0);
174  return (true, c);
175  }
176
177
```

## SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 184

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
183     if (b == 0) return (false, 0);
184     return (true, a / b);
185   }
186
187   /**
188
```



## SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 194

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
193     if (b == 0) return (false, 0);
194     return (true, a % b);
195   }
196
197   /**
198
```

## SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 208

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
207 function add(uint256 a, uint256 b) internal pure returns (uint256) {  
208     uint256 c = a + b;  
209     require(c >= a, "SafeMath: addition overflow");  
210     return c;  
211 }  
212
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 225

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
224     require(b <= a, "SafeMath: subtraction overflow");
225     return a - b;
226   }
227
228   /**
229
```

## SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 240

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
239   if (a == 0) return 0;
240   uint256 c = a * b;
241   require(c / a == b, "SafeMath: multiplication overflow");
242   return c;
243   }
244
```

# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 241

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
240  uint256 c = a * b;
241  require(c / a == b, "SafeMath: multiplication overflow");
242  return c;
243  }
244
245
```

# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 259

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
258     require(b > 0, "SafeMath: division by zero");
259     return a / b;
260 }
261
262 /**
263
```

# SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 276

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
275     require(b > 0, "SafeMath: modulo by zero");
276     return a % b;
277 }
278
279 /**
280
```

## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 294

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
293     require(b <= a, errorMessage);
294     return a - b;
295   }
296
297   /**
298
```



# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 314

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
313     require(b > 0, errorMessage);
314     return a / b;
315 }
316
317 /**
318
```

## SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 334

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
333     require(b > 0, errorMessage);
334     return a % b;
335   }
336 }
337
338
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 657

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
656  _tTotal = initialSupply;
657  _rTotal = (MAX - (MAX % _tTotal));
658
659  _rOwned[_msgSender()] = _rTotal;
660  emit Transfer(address(0), _msgSender(), _tTotal);
661
```

# SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 657

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
656  _tTotal = initialSupply;
657  _rTotal = (MAX - (MAX % _tTotal));
658
659  _rOwned[_msgSender()] = _rTotal;
660  emit Transfer(address(0), _msgSender(), _tTotal);
661
```

# SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 762

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
761   require(!_isExcluded[account], "Account is already excluded");
762   for (uint256 i = 0; i < _excluded.length; i++) {
763     if (_excluded[i] == account) {
764       _excluded[i] = _excluded[_excluded.length - 1];
765       _tOwned[account] = 0;
766     }
```

## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 764

### low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

### Source File

- FINN.sol

### Locations

```
763   if (_excluded[i] == account) {  
764     _excluded[i] = _excluded[_excluded.length - 1];  
765     _tOwned[account] = 0;  
766     _isExcluded[account] = false;  
767     _excluded.pop();  
768
```

# SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 873

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
872  uint256 tSupply = _tTotal;
873  for (uint256 i = 0; i < _excluded.length; i++) {
874  if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
875  rSupply = rSupply.sub(_rOwned[_excluded[i]]);
876  tSupply = tSupply.sub(_tOwned[_excluded[i]]);
877
```

# SWC-101 | COMPILER-REWRITABLE "<UINT> - 1" DISCOVERED

LINE 764

## low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

## Source File

- FINN.sol

## Locations

```
763   if (_excluded[i] == account) {  
764     _excluded[i] = _excluded[_excluded.length - 1];  
765     _tOwned[account] = 0;  
766     _isExcluded[account] = false;  
767     _excluded.pop();  
768
```



## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 12

### low SEVERITY

The current pragma Solidity directive is `">=0.6.0<0.8.0"`. It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
11
12  pragma solidity >=0.6.0 <0.8.0;
13
14  /*
15   * @dev Provides information about the current execution context, including the
16
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 39

### low SEVERITY

The current pragma Solidity directive is `">=0.6.0<0.8.0"`. It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
38
39  pragma solidity >=0.6.0 <0.8.0;
40
41  // File: @openzeppelin/contracts/token/ERC20/IERC20.sol
42
43
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 45

### low SEVERITY

The current pragma Solidity directive is ""`>=0.6.0<0.8.0`"". It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
44
45  pragma solidity >=0.6.0 <0.8.0;
46
47  /**
48   * @dev Interface of the ERC20 standard as defined in the EIP.
49
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 125

### low SEVERITY

The current pragma Solidity directive is ""`>=0.6.0<0.8.0`"". It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
124
125  pragma solidity >=0.6.0 <0.8.0;
126
127  /**
128   * @dev Wrappers over Solidity's arithmetic operations with added overflow
129
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 342

### low SEVERITY

The current pragma Solidity directive is `">=0.6.2<0.8.0"`. It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
341
342  pragma solidity >=0.6.2 <0.8.0;
343
344  /**
345   * @dev Collection of functions related to the address type
346
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 534

### low SEVERITY

The current pragma Solidity directive is `">=0.6.0<0.8.0"`. It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
533
534  pragma solidity >=0.6.0 <0.8.0;
535
536  /**
537   * @dev Contract module which provides a basic access control mechanism, where
538
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 603

### low SEVERITY

The current pragma Solidity directive is ""^0.6.2"". It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

### Source File

- FINN.sol

### Locations

```
602
603  pragma solidity ^0.6.2;
604
605
606  /*
607
```

## SWC-108 | STATE VARIABLE VISIBILITY IS NOT SET.

LINE 633

### low SEVERITY

It is best practice to set the visibility of state variables explicitly. The default visibility for "\_taxFee" is internal. Other possible visibility settings are public and private.

### Source File

- FINN.sol

### Locations

```
632
633  uint256 _taxFee = 100; // 1%
634  uint256 _maxTaxFee = 1000; // 10%
635  uint256 private constant _GRANULARITY = 100;
636
637
```



## SWC-108 | STATE VARIABLE VISIBILITY IS NOT SET.

LINE 634

### low SEVERITY

It is best practice to set the visibility of state variables explicitly. The default visibility for "\_maxTaxFee" is internal. Other possible visibility settings are public and private.

### Source File

- FINN.sol

### Locations

```
633 uint256 _taxFee = 100; // 1%
634 uint256 _maxTaxFee = 1000; // 10%
635 uint256 private constant _GRANULARITY = 100;
636
637 uint256 private constant MAX = ~uint256(0);
638
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 763

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
762   for (uint256 i = 0; i < _excluded.length; i++) {  
763     if (_excluded[i] == account) {  
764       _excluded[i] = _excluded[_excluded.length - 1];  
765       _tOwned[account] = 0;  
766       _isExcluded[account] = false;  
767     }
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 764

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
763   if (_excluded[i] == account) {  
764     _excluded[i] = _excluded[_excluded.length - 1];  
765     _tOwned[account] = 0;  
766     _isExcluded[account] = false;  
767     _excluded.pop();  
768   }
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 764

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
763     if (_excluded[i] == account) {  
764         _excluded[i] = _excluded[_excluded.length - 1];  
765         _tOwned[account] = 0;  
766         _isExcluded[account] = false;  
767         _excluded.pop();  
768     }
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 874

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
873   for (uint256 i = 0; i < _excluded.length; i++) {
874     if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
      (_rTotal, _tTotal);
875     rSupply = rSupply.sub(_rOwned[_excluded[i]]);
876     tSupply = tSupply.sub(_tOwned[_excluded[i]]);
877   }
878
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 874

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
873   for (uint256 i = 0; i < _excluded.length; i++) {
874     if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
      (_rTotal, _tTotal);
875     rSupply = rSupply.sub(_rOwned[_excluded[i]]);
876     tSupply = tSupply.sub(_tOwned[_excluded[i]]);
877   }
878
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 875

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
874  if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
      (_rTotal, _tTotal);
875  rSupply = rSupply.sub(_rOwned[_excluded[i]]);
876  tSupply = tSupply.sub(_tOwned[_excluded[i]]);
877  }
878  if (rSupply < _rTotal.div(_tTotal)) return (_rTotal, _tTotal);
879
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 876

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FINN.sol

### Locations

```
875   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
876   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
877   }
878   if (rSupply < _rTotal.div(_tTotal)) return (_rTotal, _tTotal);
879   return (rSupply, tSupply);
880
```



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This is a limited report on our findings based on our analysis, in accordance with good industry practice as of 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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Sysfixed is a blockchain security certification organization established in 2021 with the objective to provide smart contract security services and verify their correctness in blockchain-based protocols. Sysfixed automatically scans for security vulnerabilities in Ethereum and other EVM-based blockchain smart contracts. Sysfixed a comprehensive range of analysis techniques—including static analysis, dynamic analysis, and symbolic execution—can accurately detect security vulnerabilities to provide an in-depth analysis report. With a vibrant ecosystem of world-class integration partners that amplify developer productivity, Sysfixed can be utilized in all phases of your project's lifecycle. Our team of security experts is dedicated to the research and improvement of our tools and techniques used to fortify your code.