

# Smart Contract Security Audit V1

## PLSZEN Token Smart Contract

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# Background

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

## Project Information

- **Platform:** Ethereum
- **Contract Address:** 0x5a24d7129b6f3fcad2220296df28911880ad22b0
- **Code Source:**

<https://etherscan.io/address/0x5a24d7129b6f3fcad2220296df28911880ad22b0#code>

## Token Information

- Name: PZEN
- Total Supply: 880,000,000
- Holders: 324
- Total transactions: 1491

## Contracts address deployed to test net (ETH)

PLSZEN Token smart contract on Eth test net by the auditor to test every function (ETH Test Net)

<https://rinkeby.etherscan.io/address/0x4a681d6ed9fc42c56caa48172a8a39fe01f067cc>

## Executive Summary

According to our assessment, the customer`s solidity smart contract is **Secured**.

Well Secured	
<b>Secured</b>	✓
Poor Secured	
Insecure	

Automated checks are with remix IDE. All issues were performed by the team, which included the analysis of code functionality, manual audit found during automated analysis were manually reviewed and applicable vulnerabilities are presented in the audit overview section. The general overview is presented in the Project Information section and all issues found are located in the audit overview section.

Team found 0 critical, 0 high, 0 medium, 3 low, 0 very low-level issues and 1 note in all solidity files of the contract

The files:

PZENDEPLOYERcontract.sol

# File and Function Level Report

## File in Scope:

Contract Name	SHA 256 hash	Contract Address
PZENDEPLOYERcontract.sol	9e1f0fac21bf723551f8d3688a12ca063dbeae17269c82a13f0a690b705be61d	0x5a24d7129b6f3fcad2220296df28911880ad22b0

- Contract: PZENDEPLOYERcontract
- Inherit: PZEN
- Observation: All passed including security check
- Test Report: passed
- Score: passed
- Conclusion: passed

Function	Test Result	Type / Return Type	Score
name	✓	Read / public	Passed
symbol	✓	Read / public	Passed
decimals	✓	Read / public	Passed
totalSupply	✓	Read / public	Passed
allowance	✓	Read / public	Passed
balanceOf	✓	Read / public	Passed
Owner	✓	Read / public	Passed
isExcludedFromFees	✓	Read / public	Passed
getUnlockTime	✓	Read / public	Passed
manger	✓	Read / public	Passed
isExcludedFromReward	✓	Read / public	Passed
reflectionFromToken	✓	Read / public	Passed

approve	✓	Write / public	<b>Passed</b>
TransferFrom	✓	Write / public	<b>Passed</b>
increaseAllowance	✓	Write / public	<b>Passed</b>
transfer	✓	Write / public	<b>Passed</b>
decreaseAllowance	✓	Write / public	<b>Passed</b>
withdrawLockedEth	✓	Write / public	<b>Passed</b>
lock	✓	Write / public	<b>Passed</b>
excludeFromFees	✓	Write / public	<b>Passed</b>
unLock	✓	Write / public	<b>Passed</b>
includeInReward	✓	Write / public	<b>Passed</b>
renounceOwnership	✓	Write / public	<b>Passed</b>
transferOwnership	✓	Write / public	<b>Passed</b>
burn	✓	Write / public	<b>Passed</b>
excludeFromReward	✓	Write / public	<b>Passed</b>
setPreseableEnabled	✓	Write / public	<b>Passed</b>
setRouterAddress	✓	Write / public	<b>Passed</b>
setSwapAndLiquifyEnabled	✓	Write / public	<b>Passed</b>
transferManagement	✓	Write / public	<b>Passed</b>

## Issues Checking Status

No.	Issue Description	Checking Status
1	Compiler warnings.	Passed
2	Race conditions and Reentrancy. Cross-function race conditions.	Passed
3	Possible delays in data delivery.	Passed
4	Oracle calls.	Passed
5	Design Logic.	Passed
6	Timestamp dependence.	Passed with notes
7	Integer Overflow and Underflow.	Passed
8	DoS with Revert.	Passed
9	DoS with block gas limit.	Passed with notes
10	Methods execution permissions.	Passed
11	Economy model. If application logic is based on an incorrect economic model, the application would not function correctly and participants would incur financial losses. This type of issue is most often found in bonus rewards systems, Staking and Farming contracts, Vault and Vesting contracts, etc.	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

## Severity Definitions

Risk Level	Description
Critical	Critical vulnerabilities are usually straightforward to exploit and can lead to tokens loss etc.
High	High-level vulnerabilities are difficult to exploit; however, they also have significant impact on smart contract execution, e.g. public access to crucial functions
Medium	Medium-level vulnerabilities are important to fix; however, they can't lead to tokens lose
Low	Low-level vulnerabilities are mostly related to outdated, unused etc. code snippets, that can't have significant impact on execution
Note	Lowest-level vulnerabilities, code style violations and info statements can't affect smart contract execution and can be ignored.



## Audit Findings

### Critical:

No Critical severity vulnerabilities were found.

### High:

No High severity vulnerabilities were found.

### Medium:

No Medium severity vulnerabilities were found.

### Low:

#### #Pragma version not fixed

##### Description

It is a good practice to lock the solidity version for a live deployment (use 0.8.15 instead of ^0.8.4). contracts should be deployed with the same compiler version and flags that they have been tested the most with. Locking the pragma helps ensure that contracts do not accidentally get deployed using, for example, the latest compiler which may have higher risks of undiscovered bugs. Contracts may also be deployed by others and the pragma indicates the compiler version intended by the original authors.

##### Remediation

Remove the ^ sign to lock the pragma version.

Status: **Acknowledged**

#### #Use of block.timestamp for comparisons

##### Description

The value of block.timestamp can be manipulated by the miner.  
And conditions with strict equality is difficult to achieve -  
block.timestamp

##### Remediation

Avoid use of block.timestamp

Status: **Acknowledged**

## #Owner privileges (In the period when the owner isn't renounced)

### Description

The owner can lock and lock the smart contract.

The owner can enable or disable the trade.

The owner can include / exclude any address from Fees or Reward.

```
function setSwapAndLiquifyEnabled(bool enabled) external onlyManager {
    swapAndLiquifyEnabled = enabled;
    emit SwapAndLiquifyEnabledUpdated(swapAndLiquifyEnabled);
}

function setExcludedFromFee(address account, bool value) external onlyOwner {
    _isExcludedFromFee[account] = value;
}

function excludeFromReward(address account) external onlyOwner() {
    require(!_isExcludedFromRewards[account], "Account is not included");
    _exclude(account);
}

function includeInReward(address account) external onlyOwner() {
    require(_isExcludedFromRewards[account], "Account is not excluded");
    for (uint256 i = 0; i < _excluded.length; i++) {
        if (_excluded[i] == account) {
            _excluded[i] = _excluded[_excluded.length - 1];
            _balances[account] = 0;
            _isExcludedFromRewards[account] = false;
            _excluded.pop();
            break;
        }
    }
}

function lock(uint256 time) public virtual onlyOwner {
    _previousOwner = _owner;
    _owner = address(0);
    _lockTime = block.timestamp + time;
    emit OwnershipTransferred(_owner, address(0));
}

function unlock() public virtual {
    require(_previousOwner == msg.sender, "Only the previous owner can unlock ownership");
    require(block.timestamp > _lockTime, "The contract is still locked");
    emit OwnershipTransferred(_owner, _previousOwner);
    _owner = _previousOwner;
}
```

### Remediation

Make these functions internal in next version or the team should announce the investors before change the fees and give them time if they want to use the old fees.

P.S: This issue is common to the majority of rewards smart contracts.

Status: **Acknowledged.**

**Very Low:**

No Very Low severity vulnerabilities were found.

## Notes:

### # Constant calculations in the contract

#### Description

recalculated initialization will save 2847 units of gas in deployment

```
uint16 internal constant FEES_DIVISOR = 10**4;  
uint256 internal constant ZEROES = 10**DECIMALS;  
uint256 internal constant TOTAL_SUPPLY = 880 * 10**6 * 10**9;
```

#### Recommendation

Replace the initialization as

```
uint16 internal constant FEES_DIVISOR = 100000;  
uint256 internal constant ZEROES = 10000000000;  
uint256 internal constant TOTAL_SUPPLY = 8800000000000000000;
```

Status **Acknowledged**.

# Automatic Testing

## 1- Check for security

9e1f0fac21bf723551f8d3688a12ca063dbeae17269c82a13f0a690b705be61d

File: PZEND... | Language: solidity | Size: 46537 bytes | Date: 2022-08-14T10:49:22.372Z

Critical	High	Medium	Low	Note
0	0	0	0	0



## 2- SOLIDITY STATIC ANALYSIS

### SOLIDITY STATIC ANALYSIS

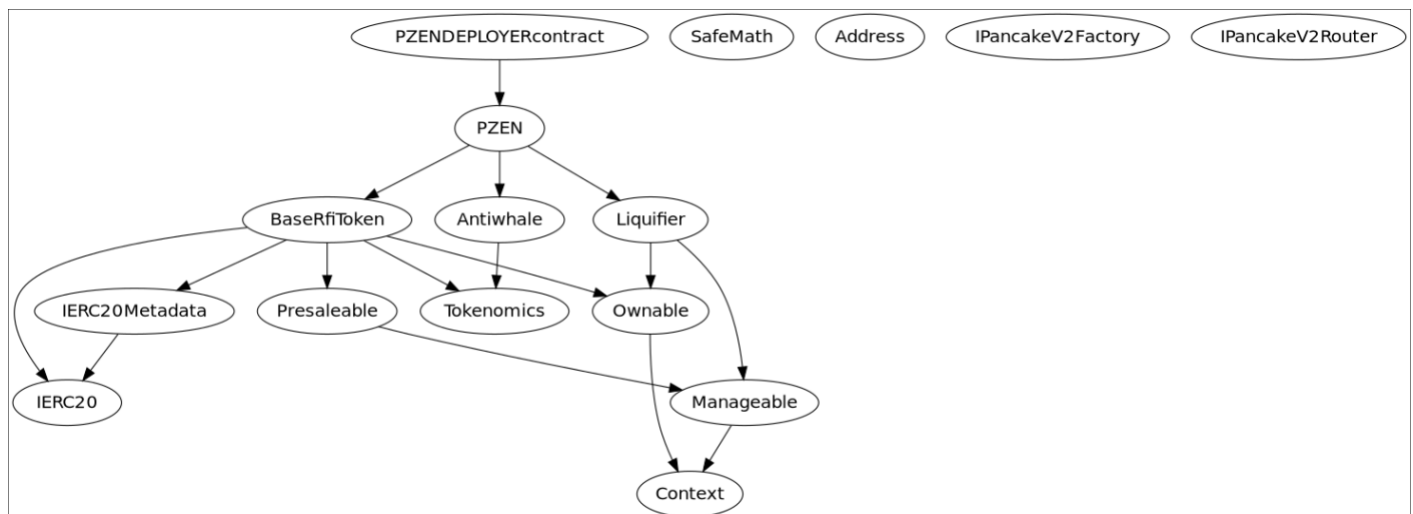
☒ Select all ☒ Autorun Run

- Security**
  - ☒ Select Security
    - ☒ Transaction origin: 'tx.origin' used
    - ☒ Check-effects-interaction: Potential reentrancy bugs
    - ☒ Inline assembly: Inline assembly used
    - ☒ Block timestamp: Can be influenced by miners
    - ☒ Low level calls: Should only be used by experienced devs
    - ☒ Block hash: Can be influenced by miners
    - ☒ Selfdestruct: Contracts using destructed contract can be broken
- Gas & Economy**
  - ☒ Select Gas & Economy
    - ☒ Gas costs: Too high gas requirement of functions
    - ☒ This on local calls: Invocation of local functions via 'this'
    - ☒ Delete dynamic array: Use require/assert to ensure complete deletion
    - ☒ For loop over dynamic array: Iterations depend on dynamic array's size
    - ☒ Ether transfer in loop: Transferring Ether in a for/while/do-while loop

### SOLIDITY STATIC ANALYSIS

- ERC**
  - ☒ Select ERC
    - ☒ ERC20: 'decimals' should be 'uint8'
- Miscellaneous**
  - ☒ Select Miscellaneous
    - ☒ Constant/View/Pure functions: Potentially constant/view/pure functions
    - ☒ Similar variable names: Variable names are too similar
    - ☒ No return: Function with 'returns' not returning
    - ☒ Guard conditions: Ensure appropriate use of require/assert
    - ☒ Result not used: The result of an operation not used
    - ☒ String length: Bytes length != String length
    - ☒ Delete from dynamic array: 'delete' leaves a gap in array
    - ☒ Data truncated: Division on int/uint values truncates the result

## 3- Inheritance graph



## 4- SOLIDITY UNIT TESTING

### SOLIDITY UNIT TESTING ✓ >

Test your smart contract in Solidity.

Select directory to load and generate test files.

Test directory:

☒ Select all

☒ tests/PZENDEPLOYERcontract\_test.sol

Progress: 1 finished (of 1)

**PASS testSuite**

**(tests/PZENDEPLOYERcontract\_test.sol)**

✓ Before all

✖

✓ Check success

✖

✓ Check success2

✖

✓ Check failure

✖

✓ Check sender and value

✖

**Result for**

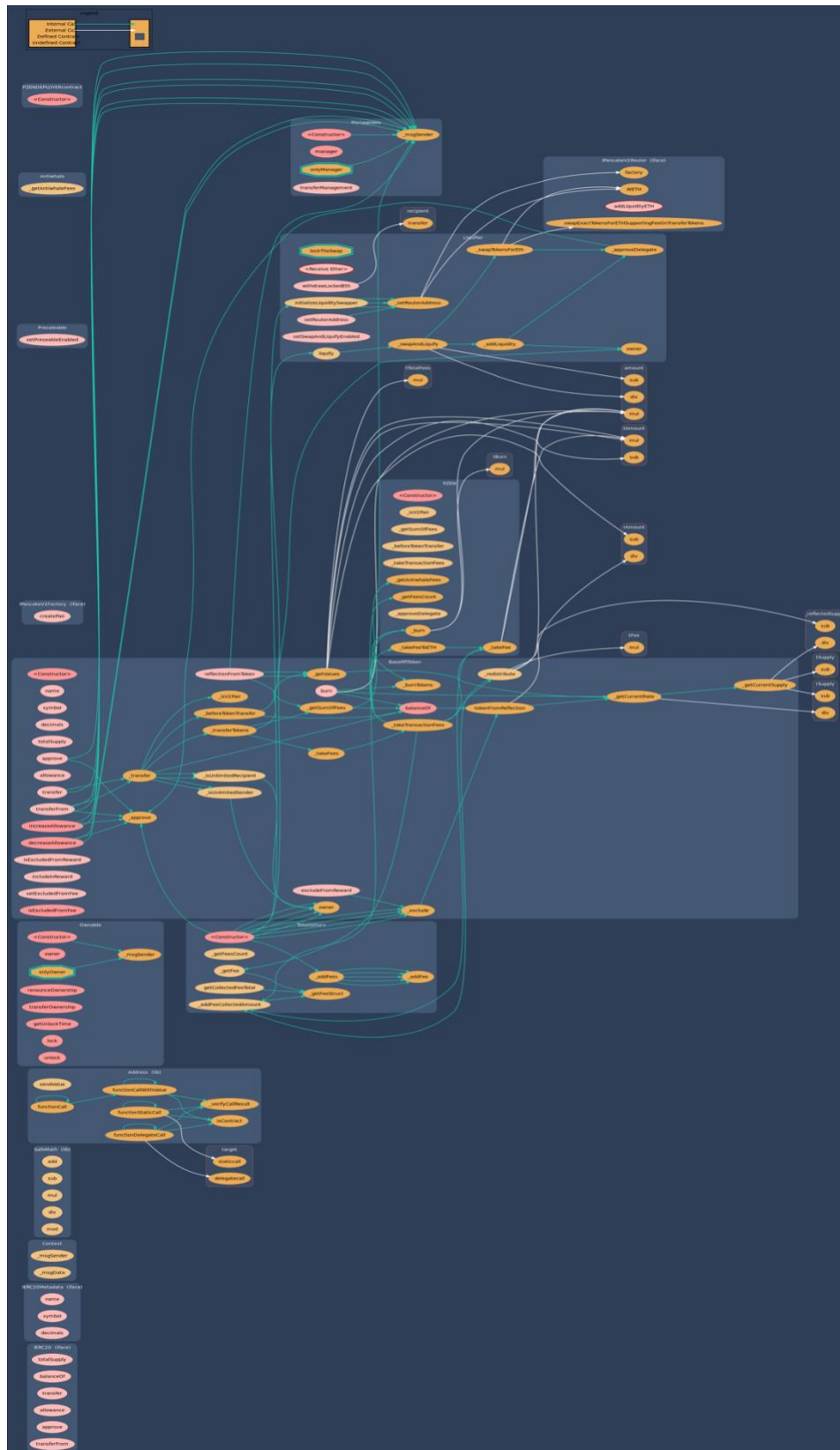
**tests/PZENDEPLOYERcontract\_test.sol**

Passed: 5

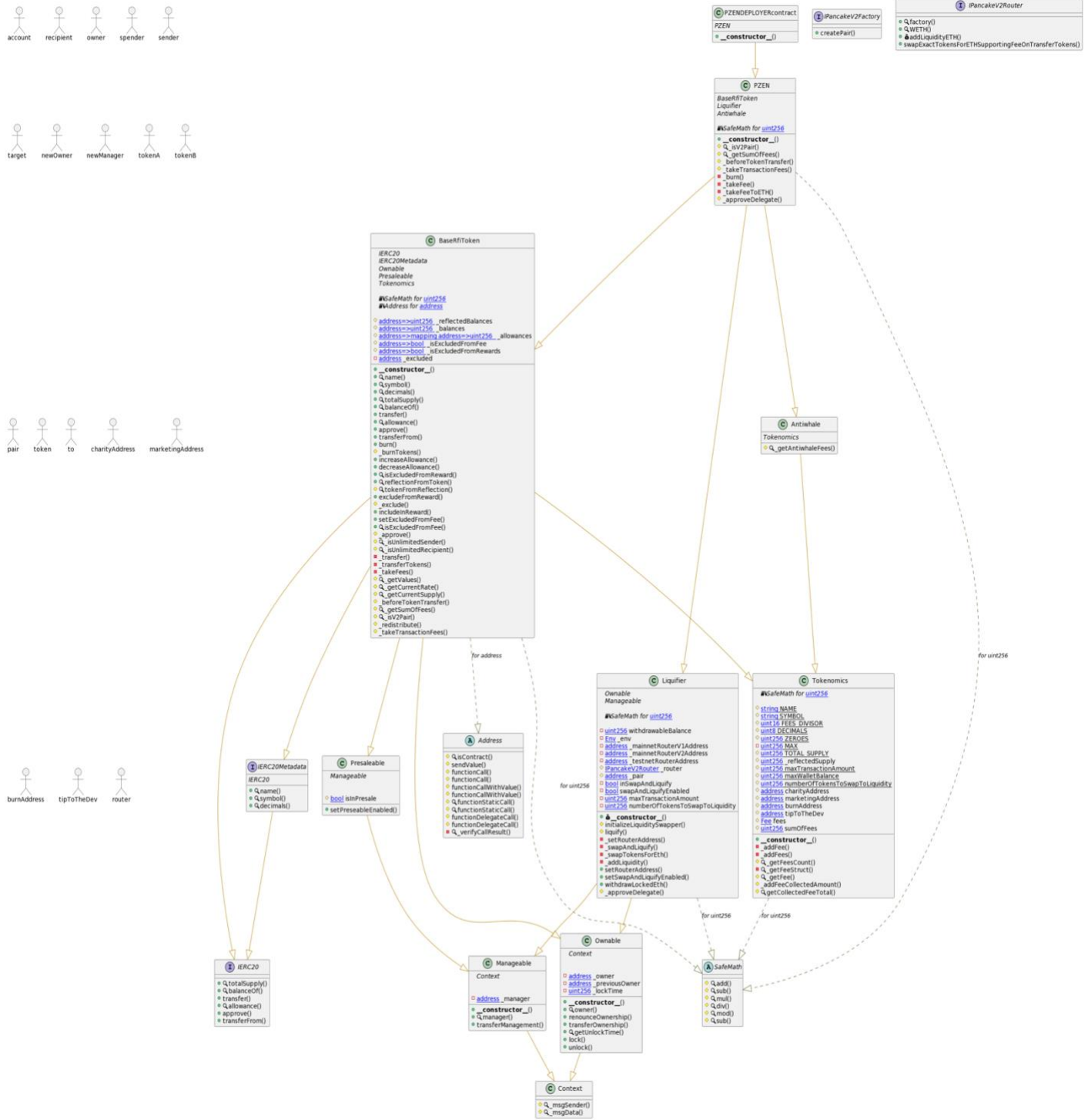
Failed: 0

Time Taken: 0.34s

## 5- Call graph



# Unified Modeling Language (UML)



## Functions signature

Sighash		Function Signature
=====		
16279055	=>	isContract (address)
39509351	=>	increaseAllowance (address,uint256)
18160ddd	=>	totalSupply()
70a08231	=>	balanceOf (address)
a9059cbb	=>	transfer (address,uint256)
dd62ed3e	=>	allowance (address,address)
095ea7b3	=>	approve (address,uint256)
23b872dd	=>	transferFrom (address,address,uint256)
06fdde03	=>	name ()
95d89b41	=>	symbol ()
313ce567	=>	decimals ()
119df25f	=>	_msgSender ()
8b49d47e	=>	_msgData ()
771602f7	=>	add (uint256,uint256)
b67d77c5	=>	sub (uint256,uint256)
c8a4ac9c	=>	mul (uint256,uint256)
a391c15b	=>	div (uint256,uint256)
f43f523a	=>	mod (uint256,uint256)
e31bdc0a	=>	sub (uint256,uint256,string)
24a084df	=>	sendValue (address,uint256)
a0b5ffb0	=>	functionCall (address,bytes)
241b5886	=>	functionCall (address,bytes,string)
2a011594	=>	functionCallWithValue (address,bytes,uint256)
d525ab8a	=>	functionCallWithValue (address,bytes,uint256,string)
c21d36f3	=>	functionStaticCall (address,bytes)
dbc40fb9	=>	functionStaticCall (address,bytes,string)
ee33b7e2	=>	functionDelegateCall (address,bytes)
57387df0	=>	functionDelegateCall (address,bytes,string)
18c2c6a2	=>	_verifyCallResult (bool,bytes,string)
8da5cb5b	=>	owner ()
715018a6	=>	renounceOwnership ()
f2fde38b	=>	transferOwnership (address)
602bc62b	=>	getUnlockTime ()
dd467064	=>	lock (uint256)
a69df4b5	=>	unlock ()
481c6a75	=>	manager ()
e4edf852	=>	transferManagement (address)
c9c65396	=>	createPair (address,address)
c45a0155	=>	factory ()
ad5c4648	=>	WETH ()
f305d719	=>	addLiquidityETH (address,uint256,uint256,uint256,address,uint256)
791ac947	=>	swapExactTokensForETHSupportingFeeOnTransferTokens (uint256,uint256,address[],addresss,uint256)
346a695c	=>	_addFee (FeeType,uint256,address)
e694db42	=>	_addFees ()
2ff46c73	=>	_getFeesCount ()
44a297dc	=>	_getFeeStruct (uint256)
88a60fa8	=>	_getFee (uint256)
17d5a3fd	=>	_addFeeCollectedAmount (uint256,uint256)
8d11551e	=>	getCollectedFeeTotal (uint256)
74778cdc	=>	setPreseableEnabled (bool)
42966c68	=>	burn (uint256)
099bade9	=>	_burnTokens (address,uint256,uint256)



```
a457c2d7 => decreaseAllowance(address,uint256)
88f82020 => isExcludedFromReward(address)
4549b039 => reflectionFromToken(uint256,bool)
2d838119 => tokenFromReflection(uint256)
52390c02 => excludeFromReward(address)
d2480b0c => _exclude(address)
3685d419 => includeInReward(address)
6612e66f => setExcludedFromFee(address,bool)
5342acb4 => isExcludedFromFee(address)
104e81ff => _approve(address,address,uint256)
81c4322b => _isUnlimitedSender(address)
32049b2c => _isUnlimitedRecipient(address)
30e0789e => _transfer(address,address,uint256)
20d6115d => _transferTokens(address,address,uint256,bool)
58cf1a0b => _takeFees(uint256,uint256,uint256)
ddb595f3 => _getValues(uint256,uint256)
0ec1ce16 => _getCurrentRate()
97a9d560 => _getCurrentSupply()
d44bed71 => _beforeTokenTransfer(address,address,uint256,bool)
1202591c => _getSumOfFees(address,uint256)
52854cce => _isV2Pair(address)
cee8c7b0 => _redistribute(uint256,uint256,uint256,uint256)
f9d5a849 => _takeTransactionFees(uint256,uint256)
049498c0 => initializeLiquiditySwapper(Env,uint256,uint256)
dbc55a7e => liquify(uint256,address)
1e4ed1de => _setRouterAddress(address)
7bf54cb9 => _swapAndLiquify(uint256)
7f90ffe4 => _swapTokensForEth(uint256)
9e8af2af => _addLiquidity(uint256,uint256)
41cb87fc => setRouterAddress(address)
c49b9a80 => setSwapAndLiquifyEnabled(bool)
b7671a0d => withdrawLockedEth(address)
238c12a9 => _approveDelegate(address,address,uint256)
577ca49c => _getAntiwhaleFees(uint256,uint256)
d05e5e34 => _burn(uint256,uint256,uint256,uint256)
8a6bd23b => _takeFee(uint256,uint256,uint256,address,uint256)
de2637aa => _takeFeeToETH(uint256,uint256,uint256,address,uint256)
```

# Automatic general report

## Files Description Table

File Name	SHA-1 Hash
/Users/macbook/Desktop/smart contracts/PZENDEPLOYERcontract.sol	3d6bf771b69c7e5c563630623fa6ee6e979ac572

## 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
**IERC20Metadata**	Interface	IERC20	
L   name	External	!	NO
L   symbol	External	!	NO
L   decimals	External	!	NO
**Context**	Implementation		
L   _msgSender	Internal	🔒	
L   _msgData	Internal	🔒	
**SafeMath**	Library		
L   add	Internal	🔒	
L   sub	Internal	🔒	
L   mul	Internal	🔒	
L   div	Internal	🔒	
L   mod	Internal	🔒	
L   sub	Internal	🔒	
**Address**	Library		
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	🔒	
**Ownable**	Implementation	Context	

```

| L | <Constructor> | Public ! | ⬛ | NO! |
| L | owner | Public ! | | NO! |
| L | renounceOwnership | Public ! | ⬛ | onlyOwner |
| L | transferOwnership | Public ! | ⬛ | onlyOwner |
| L | getUnlockTime | Public ! | | NO! |
| L | lock | Public ! | ⬛ | onlyOwner |
| L | unlock | Public ! | ⬛ | NO! |
| | | |
| **Manageable** | Implementation | Context | | |
| L | <Constructor> | Public ! | ⬛ | NO! |
| L | manager | Public ! | | NO! |
| L | transferManagement | External ! | ⬛ | onlyManager |
| | | |
| **IPancakeV2Factory** | Interface | | | |
| L | createPair | External ! | ⬛ | NO! |
| | | |
| **IPancakeV2Router** | Interface | | | |
| L | factory | External ! | | NO! |
| L | WETH | External ! | | NO! |
| L | addLiquidityETH | External ! | 🗑️ | NO! |
| L | swapExactTokensForETHSupportingFeeOnTransferTokens | External ! | ⬛ | NO! |
| | | |
| **Tokenomics** | Implementation | | | |
| L | <Constructor> | Public ! | ⬛ | NO! |
| L | _addFee | Private 🗑️ | ⬛ | |
| L | _addFees | Private 🗑️ | ⬛ | |
| L | _getFeesCount | Internal 🗑️ | | |
| L | _getFeeStruct | Private 🗑️ | | |
| L | _getFee | Internal 🗑️ | | |
| L | _addFeeCollectedAmount | Internal 🗑️ | ⬛ | |
| L | getCollectedFeeTotal | Internal 🗑️ | | |
| | | |
| **Presaleable** | Implementation | Manageable | | |
| L | setPreseableEnabled | External ! | ⬛ | onlyManager |
| | | |
| **BaseRfiToken** | Implementation | IERC20, IERC20Metadata, Ownable, Presaleable,
Tokenomics | | |
| L | <Constructor> | Public ! | ⬛ | NO! |
| L | name | External ! | | NO! |
| L | symbol | External ! | | NO! |
| L | decimals | External ! | | NO! |
| L | totalSupply | External ! | | NO! |
| L | balanceOf | Public ! | | NO! |
| L | transfer | External ! | ⬛ | NO! |
| L | allowance | External ! | | NO! |
| L | approve | External ! | ⬛ | NO! |
| L | transferFrom | External ! | ⬛ | NO! |
| L | burn | External ! | ⬛ | NO! |
| L | _burnTokens | Internal 🗑️ | ⬛ | |
| L | increaseAllowance | Public ! | ⬛ | NO! |
| L | decreaseAllowance | Public ! | ⬛ | NO! |
| L | isExcludedFromReward | External ! | | NO! |
| L | reflectionFromToken | External ! | | NO! |
| L | tokenFromReflection | Internal 🗑️ | | |
| L | excludeFromReward | External ! | ⬛ | onlyOwner |
| L | _exclude | Internal 🗑️ | ⬛ | |
| L | includeInReward | External ! | ⬛ | onlyOwner |
| L | setExcludedFromFee | External ! | ⬛ | onlyOwner |

```

```

| L | isExcludedFromFee | Public ! | | NO! |
| L | _approve | Internal 🔒 | 🔒 | |
| L | _isUnlimitedSender | Internal 🔒 | | |
| L | _isUnlimitedRecipient | Internal 🔒 | | |
| L | _transfer | Private 🔒 | 🔒 | |
| L | _transferTokens | Private 🔒 | 🔒 | |
| L | _takeFees | Private 🔒 | 🔒 | |
| L | _getValues | Internal 🔒 | | |
| L | _getCurrentRate | Internal 🔒 | | |
| L | _getCurrentSupply | Internal 🔒 | | |
| L | _beforeTokenTransfer | Internal 🔒 | 🔒 | |
| L | _getSumOfFees | Internal 🔒 | | |
| L | _isV2Pair | Internal 🔒 | | |
| L | _redistribute | Internal 🔒 | 🔒 | |
| L | _takeTransactionFees | Internal 🔒 | 🔒 | |
| | | | |
| **Liquifier** | Implementation | Ownable, Manageable | | |
| L | <Receive Ether> | External ! | 💰 NO! |
| L | initializeLiquiditySwapper | Internal 🔒 | 🔒 | |
| L | liquify | Internal 🔒 | 🔒 | |
| L | _setRouterAddress | Private 🔒 | 🔒 | |
| L | _swapAndLiquify | Private 🔒 | 🔒 | lockTheSwap |
| L | _swapTokensForEth | Private 🔒 | 🔒 | |
| L | _addLiquidity | Private 🔒 | 🔒 | |
| L | setRouterAddress | External ! | 🔒 | onlyManager |
| L | setSwapAndLiquifyEnabled | External ! | 🔒 | onlyManager |
| L | withdrawLockedEth | External ! | 🔒 | onlyManager |
| L | _approveDelegate | Internal 🔒 | 🔒 | |
| | | | |
| **Antiwhale** | Implementation | Tokenomics | | |
| L | _getAntiwhaleFees | Internal 🔒 | | |
| | | | |
| **PZEN** | Implementation | BaseRfiToken, Liquifier, Antiwhale | | |
| L | <Constructor> | Public ! | 🔒 NO! |
| L | _isV2Pair | Internal 🔒 | | |
| L | _getSumOfFees | Internal 🔒 | | |
| L | _beforeTokenTransfer | Internal 🔒 | 🔒 | |
| L | _takeTransactionFees | Internal 🔒 | 🔒 | |
| L | _burn | Private 🔒 | 🔒 | |
| L | _takeFee | Private 🔒 | 🔒 | |
| L | _takeFeeToETH | Private 🔒 | 🔒 | |
| L | _approveDelegate | Internal 🔒 | 🔒 | |
| | | | |
| **PZENDEPLOYERcontract** | Implementation | PZEN | | |
| L | <Constructor> | Public ! | 🔒 PZEN |

```

### Legend

Symbol	Meaning
:-----:	-----
🔒	Function can modify state
💰	Function is payable

## Conclusion

The contracts are written systematically. Team found no critical issues. So, it is good to go for production.

Since possible test cases can be unlimited and developer level documentation (code flow diagram with function level description) not provided, for such an extensive smart contract protocol, we provide no such guarantee of future outcomes. We have used all the latest static tools and manual observations to cover maximum possible test cases to scan Everything.

Security state of the reviewed contract is “Secured”.

- ✓ No mint function.
- ✓ No volatile code.
- ✓ No high severity issues were found.

# Disclaimer

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 the team on the basis of what it says or doesn't say, or how team produced it, and it is important for you to conduct your own independent investigations before making any decisions. team go into more detail on this in the below disclaimer below – please make sure to read it in full.

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