AuditAce
FROM INCEPTION TO SUCCESS

Smart Contract Audit

FOR

PIPI

DATED : 30 Jan, 2024

AUDIT SUMMARY

Project name – PIPI

Date: 30 Jan, 2024

Scope of Audit- Audit Ace was consulted to conduct the smart contract audit of the solidity source codes.

Audit Status: Passed

Issues Found

Status	Critical	High	Medium	Low	Suggestion
Open	0	0	0	0	0
Acknowledged	0	0	0	0	0
Resolved	0	0	0	0	0

USED TOOLS

Tools:

1- Manual Review:
A line by line code review has been performed by audit ace team.

2- Test Network:
All tests were conducted on the Test network, and each test has a corresponding transaction attached to it. These tests can be found in the "Functional Tests" section of the report.

3-Automatic Analysis:
Analysis using Automatic Tools provide us with a check for basic functions.

Token Information

Token Name : PIPI

Token Symbol: PIPI

Decimals: 6

Token Supply: 999,995,573.212484

Network: SolScan

Token Type: Solana Token (SPL Standard)

Token Address:
CkJTqMGHpSgfBzQzRZtL3xKgpF7hmLTnHXXpZXYXc5Wp

Minter:
GkCMFXiaigYTqdKuPayABxvR3c1tmMveWQ1aqL2WXcPQ

Explorer:
https://explorer.solana.com/address/CkJTqMGHpSgfBzQzR
ZtL3xKgpF7hmLTnHXXpZXYXc5Wp

TOKEN OVERVIEW

Fees:

Buy Fee: N/A

Sell Fee: N/A

Transfer Fee: N/A

Ownership: Owned

Minting: No mint function

Max Tx Amount/ Max Wallet Amount: No

Blacklist: No

AUDIT METHODOLOGY

The auditing process will follow a routine as special considerations by Auditace:

- Review of the specifications, sources, and instructions provided to Auditace to make sure the contract logic meets the intentions of the client without exposing the user's funds to risk.

- Manual review of the entire codebase by our experts, which is the process of reading source code line-by-line in an attempt to identify potential vulnerabilities.

- Specification comparison is the process of checking whether the code does what the specifications, sources, and instructions provided to Auditace describe.

- Test coverage analysis determines whether the test cases are covering the code and how much code isexercised when we run the test cases.

- Symbolic execution is analysing a program to determine what inputs cause each part of a program to execute.

- Reviewing the codebase to improve maintainability, security, and control based on the established industry and academic practices.

FUNCTIONAL TESTING

1- Transfer **(passed):**

Transaction Signature -
5N18Gz3XQWRLikubzi6CTapEoHABhRLY1ifmkSKFXWtrDVbYmn7PwY22Vemh
USX2chcouaqhpREkKp4tp8yNRizB

2- Get Account Data Size**(passed):**

Transaction Signature -
5N18Gz3XQWRLikubzi6CTapEoHABhRLY1ifmkSKFXWtrDVbYmn7PwY22Vemh
USX2chcouaqhpREkKp4tp8yNRizB

3- Initialize Immutable Owner **(passed):**

Transaction Signature -
3cnew9Mba5wMpwEEr8mo8r7CN7x8PefbaQ6h1JbwVsYEcBFVdqLh5AsQN1w
F1VffzPGQmHTd4JKb1g22ETC2tTVg

POINTS TO NOTE

- **The owner can transfer ownership.**
- **The owner can renounce ownership.**

CLASSIFICATION OF RISK

Severity	Description
◆ **Critical**	These vulnerabilities could be exploited easily and can lead to asset loss, data loss, asset, or data manipulation. They should be fixed right away.
◆ **High-Risk**	A vulnerability that affects the desired outcome when using a contract, or provides the opportunity to use a contract in an unintended way.
◆ **Medium-Risk**	A vulnerability that could affect the desired outcome of executing the contract in a specific scenario.
◆ **Low-Risk**	A vulnerability that does not have a significant impact on possible scenarios for the use of the contract and is probably subjective.
◆ **Gas Optimization /Suggestion**	A vulnerability that has an informational character but is not affecting any of the code.

Findings

Severity	Found
◆ **Critical**	0
◆ **High-Risk**	0
◆ **Medium-Risk**	0
◆ **Low-Risk**	0
◆ **Gas Optimization / Suggestions**	0

LIST OF BUGS CHECKED

1. Missing Ownership Check

2. Missing Signer Check

3. Integer Over/Underflow

4. Arbitrary Signed Program Invocation

5. Solana Account Confusions

6. SPL Token Program Approve Instruction

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