



**DESSERT**  
FINANCE

**Fruit Pie (Fruit Pie)**

**ERC-721 Audit**

Performed at block **29004776**

PERFORMED BY DESSERT FINANCE  
FOR CONTRACT ADDRESS: **0x221e51f5989E18B43eab1192608692dB79eB1aeD**

## INITIAL DISCLAIMER

Dessert Finance provides due-diligence project audits for various projects. Dessert Finance in no way guarantees that a project will not remove liquidity, sell off team supply, or otherwise exit scam.

Dessert Finance does the legwork and provides public information about the project in an easy-to-understand format for the common person.

Agreeing to an audit in no way guarantees that a team will not remove *all* liquidity (“Rug Pull”), remove liquidity slowly, sell off tokens, quit the project, or completely exit scam. There is also no way to prevent private sale holders from selling off their tokens. It is ultimately your responsibility to read through all documentation, social media posts, and contract code of each individual project to draw your own conclusions and set your own risk tolerance.

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# Contract Code Audit – Token Overview



# ERC-721 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Fruit Pie (Fruit Pie)

```
Submitted for verification at polygonscan.com on 2022-05-24
// SPDX-License-Identifier: MIT
// File: @openzeppelin/contracts/v4.1.1/strings/strings.sol
// OpenZeppelin Contracts v4.4.1 (strings/strings.sol)
pragma solidity ^4.4.0;

/**
 * @dev String operations.
 */
library Strings {
    bytes16 private constant _HEX_SYMBOLS = "0123456789abcdef";

    /**
     * @dev Converts a `uint256` to its ASCII "decimal" representation.
     */
    function toString(uint256 value) internal pure returns (string memory) {
        // Inspired by OwlchemyLabs' implementation - MIT license
        // https://github.com/owllabs/ethereum-abi/blob/master/contracts/Strings.sol#L21-L25
        if (value == 0) {
            return "0";
        }
        uint256 temp = value;
        uint256 digits;
        while (temp != 0) {
            digits++;
            temp /= 10;
        }
        bytes memory buffer = new bytes(digits);
        while (value != 0) {
            digits -= 1;
            buffer[digits] = bytes1(uint8(48 + uint256(value % 10)));
            value /= 10;
        }
        return string(buffer);
    }

    /**
     * @dev Converts a `uint256` to its ASCII "hexadecimal" representation.
     */
    function toHexString(uint256 value) internal pure returns (string memory) {
        if (value == 0) {
            return "0x0";
        }
        uint256 temp = value;
        uint256 length = 0;
        while (temp != 0) {
            length++;
            temp /= 16;
        }
        return toHexString(value, length);
    }

    /**
     * @dev Converts a `uint256` to its ASCII "hexadecimal" representation with fixed length.
     */
    function toHexString(uint256 value, uint256 length) internal pure returns (string memory) {
        bytes memory buffer = new bytes(2 * length + 2);
        buffer[0] = "0";
        buffer[1] = "x";
        for (uint256 i = 2 * length + 1; i > 1; --i) {
            buffer[i] = _HEX_SYMBOLS[value & 0xf];
            value /= 16;
        }
        require(value == 0, "Strings: too short length insufficient?");
        return string(buffer);
    }
}
```

## Contract Address

0x221e51f5989E18B43eab1192608692dB79eB1aeD

## TokenTracker

Fruit Pie (Fruit Pie)

## Contract Creator

0x0a70ef7a44fada332d1c990625e60169bf9bd05c

## Source Code

Contract Source Code Verified

## Contract Name

NFT

## Other Settings

default evmVersion, MIT

## Compiler Version

v0.8.7+commit.e28d00a7

## Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

The contract code is **verified** on PolygonScan.

# ERC-721 Contract Code Audit – Vulnerabilities Checked

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct NFT Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility	Complete	Complete	✓ Low / No Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is **verified** on PolygonScan.

The vulnerabilities listed above were not found in the token's Smart Contract.

# Contract Code Audit – Contract Ownership

Contract Ownership has not been renounced at the time of Audit



The contract ownership is not currently renounced. This is not a concern for NFT projects as ownership needs to be maintained to utilize function to mint NFTs.

We have placed the contract owner address below for your viewing:

[0xb737d1cb0a657531a5650df32a5e7dda5f4b724b](https://etherscan.io/address/0xb737d1cb0a657531a5650df32a5e7dda5f4b724b)

# Contract Code Audit – Owner Accessible Functions

Function Name	Parameters	Visibility	Audit Notes
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
reveal		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setNftPerAddressLimit	uint256 _limit	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setCost	uint256 _newCost	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMaxMintAmount	uint256 _newmaxMintAmount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURI	string memory _newBaseURI	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseExtension	string memory _newBaseExtension	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setNotRevealedURI	string memory _notRevealedURI	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
pause	bool _state	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setOnlyWhitelisted	bool _state	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
whitelistUsers	address[] calldata _users	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
withdraw		public payable	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.



# Liquidity Ownership – Locked / Unlocked

No locked liquidity information has been found.



This page will contain links to locked liquidity for the project if we are able to locate that information. Locked liquidity information was not found on the project's website.

# Contract Code Audit – Mint Functions

This Contract Can Mint New Fruit Pie Tokens.

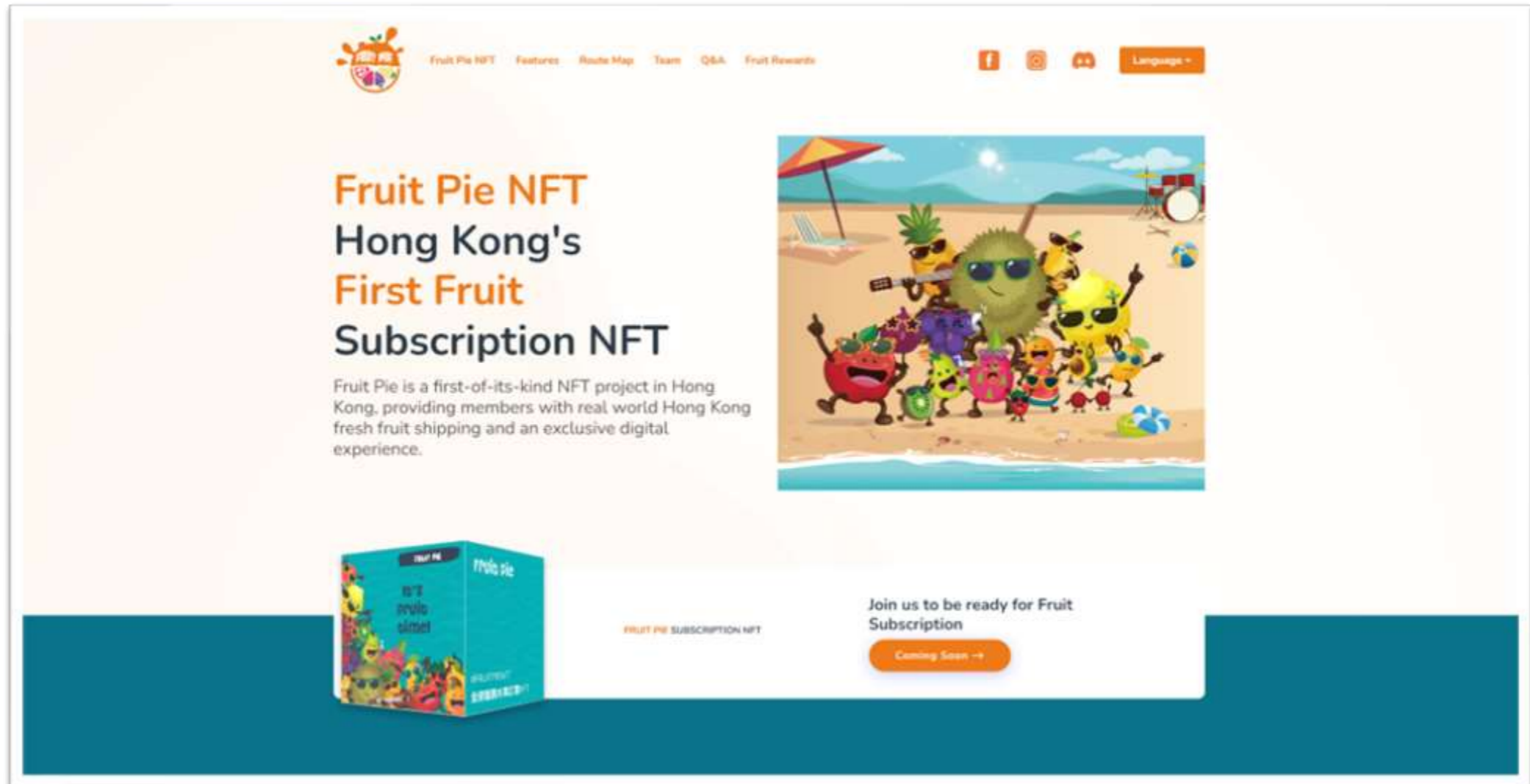


We do understand that sometimes mint functions are essential to the functionality of the project.

**A mint function was found in the contract code. This is expected as NFTs will be minted on launch.**

# Website Part 1 – Overview

[www.fruitpie.io](http://www.fruitpie.io)



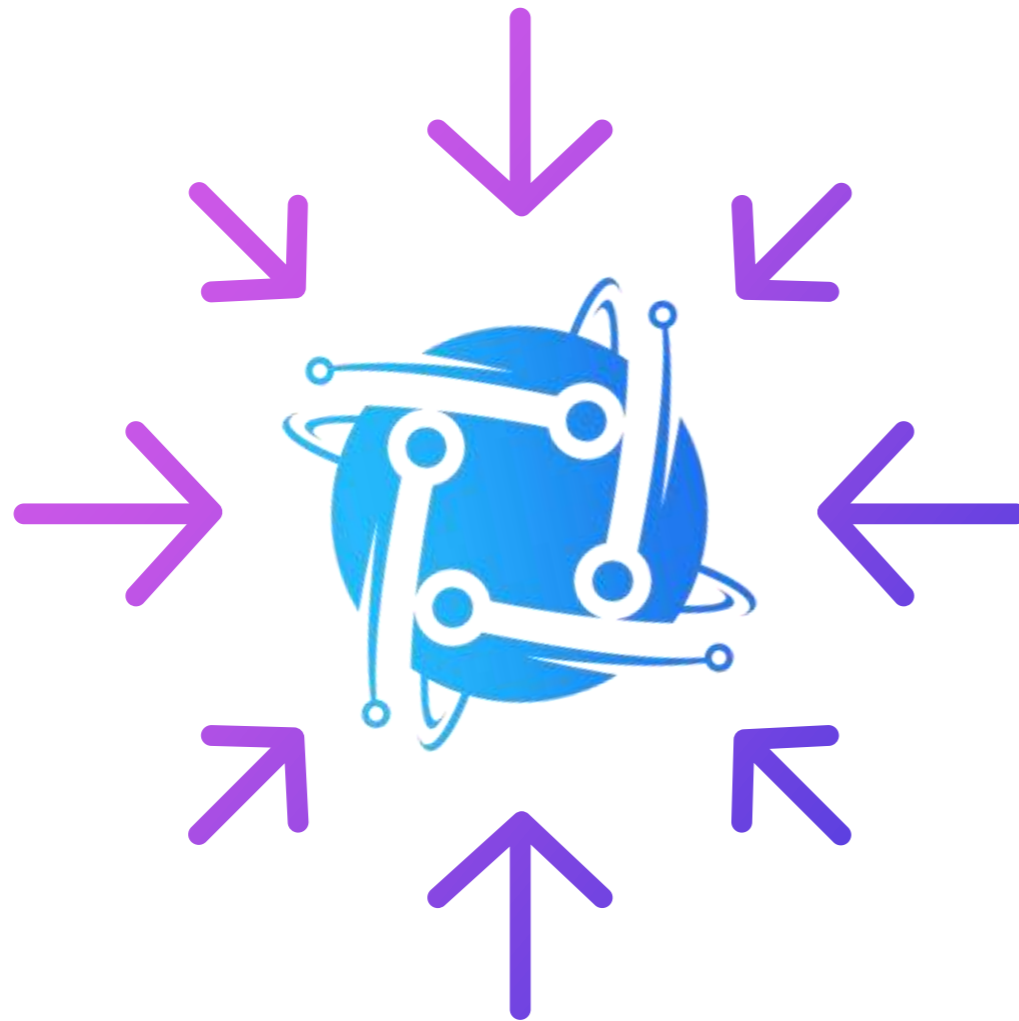
Above images are actual snapshots of the current live website of the project.

Website was registered on 05/21/2022, registration expires 05/21/2023.

**X** This does not meet the 3 year minimum we like to see on new projects.



## Website Part 2 – Checklist



- ✓ Mobile Friendly
- ✓ No JavaScript Errors
- ✓ Spell Check
- ✓ SSL Certificate

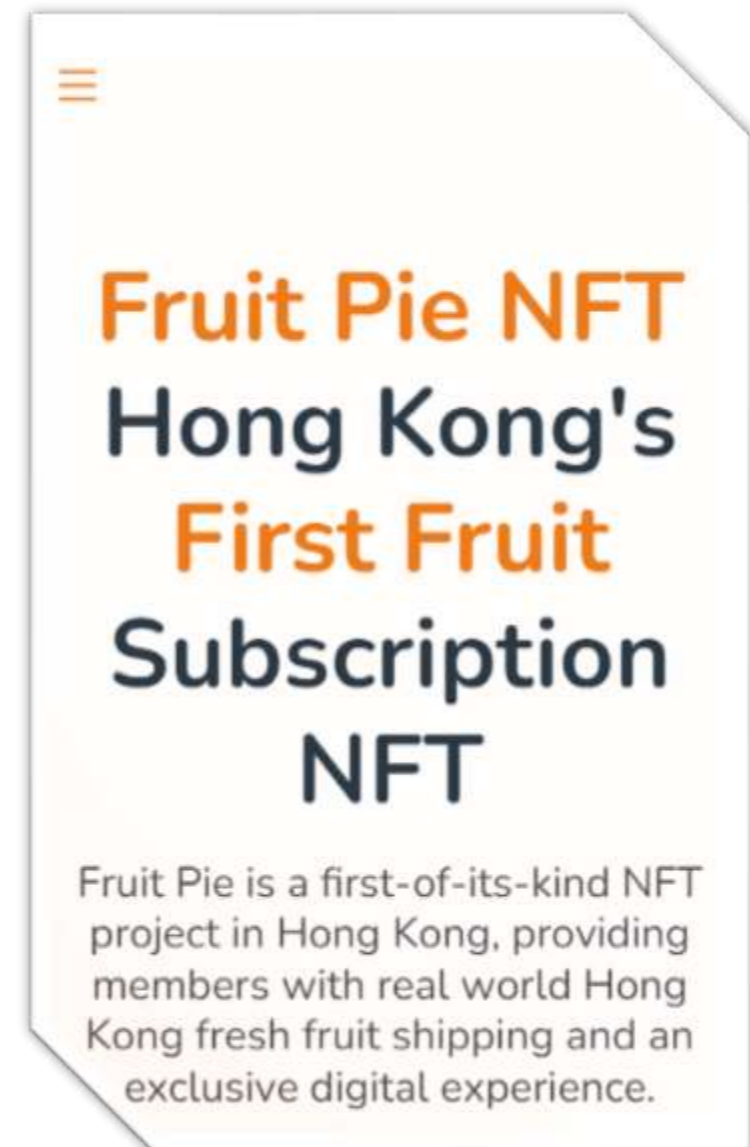
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

No additional issues were found on the website.

# Website Part 3 – Responsive HTML5 & CSS3

No issues were found on the Mobile Friendly check for the website. All elements loaded properly and browser resize was not an issue. The team has put a considerable amount of thought and effort into making sure their website looks great on all screens.

No severe JavaScript errors were found. No issues with loading elements, code, or stylesheets.



# Website Part 4 (GWS) – General Web Security



## SSL CERTIFICATE

A valid SSL certificate was found. Details are as follows:

Offered to: fruitpie.io

Issued by: R3

Valid Until: 08/14/2022



## CONTACT EMAIL

A valid contact email was found on the official website. Contact email is listed as shown below:

Contact

**business@fruitpie.io**



## SPAM / MALWARE / POPUPS

No malware found

No injected spam found

No internal server errors

No popups found

Domain is marked clean by Google, McAfee, Sucuri Labs, & ESET

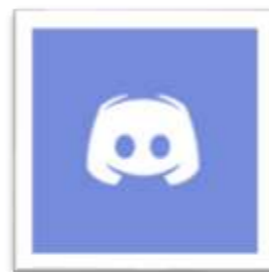


# Social Media



We were able to locate a variety of Social Media networks for the project.

All links have been conveniently placed below.



[Discord](#)



[Facebook](#)



[Instagram](#)

✓ **At least 3 social media networks were found.**

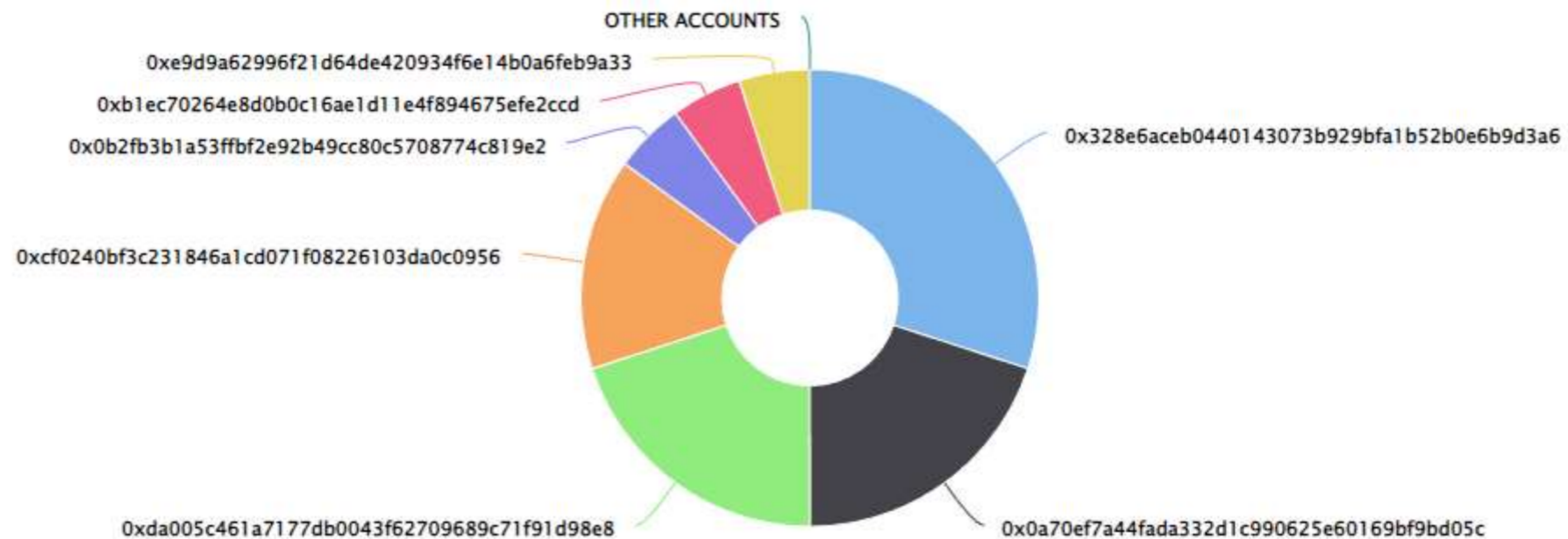
# Top Token Holders

The entire supply was in one wallet at the time of audit. We expect this to change as the project goes through initial distribution phases. Please use the link below to view the most up-to-date holder information.

[Click here to view the most up-to-date list of holders](#)

Fruit Pie Top 100 Token Holders

Source: [polygonscan.com](https://polygonscan.com)





# Location Audit


We were unable to identify a primary location for the project at this time or a location has not been declared.




# Team Overview

The following information regarding the team was found on the projects website.


**Team Members**



**Kun**  
FruitPie Product Development



**Charles**  
Investor at  
Orchard Base



**Abby**  
AseanKOC  
(Marketing Consultant)

# Roadmap

*A roadmap was found on the official website, we have conveniently placed it on this page for your viewing.*

**Project Roadmap**

- Phase one. pre-sale release may 18, 2022
- Phase Two. public offering to be announced.
- Phase Three. The e-commerce website is online to be announced.
- Phase four. play 2 earn game development and launch to be announced
- Phase five. metaverse wisdom orchard development + launch to be announced.

**NFT Utilities**

- We will give two fresh fruit gift boxes to every holder of our Fresh Fruit Pie NFT;
- NFT holders will enjoy membership discounts and free shipping on all orders on future fresh fruit e-commerce websites;
- NFT holders will enjoy the profit rights of the upcoming Orchard Game (Play to Earn);
- NFT holders will enjoy our membership rights in Metaverse Wisdom Orchard;
- NFT holders will enjoy the right to draw the project once a month;

The infographic features a vertical wooden signpost with five phases. At the bottom, three cartoon fruit characters (a green kiwi, a red apple, and a yellow lemon) are standing on a small patch of ground. The background is a solid teal color.

# Disclaimer



The opinions expressed in this document are for general informational purposes only and are **not intended to provide specific advice or recommendations for any individual or on any specific investment**. It is only intended to provide education and public knowledge regarding projects. This audit is only applied to the type of auditing specified in this report and the scope of given in the results. Other unknown security vulnerabilities are beyond responsibility. Dessert Finance only issues this report based on the attacks or vulnerabilities that already existed or occurred before the issuance of this report. For the emergence of new attacks or vulnerabilities that exist or occur in the future, Dessert Finance lacks the capability to judge its possible impact on the security status of smart contracts, thus taking no responsibility for them. The smart contract analysis and other contents of this report are based solely on the documents and materials that the contract provider has provided to Dessert Finance or was publicly available before the issuance of this report (issuance of report recorded via block number on cover page), if the documents and materials provided by the contract provider are missing, tampered, deleted, concealed or reflected in a situation that is inconsistent with the actual situation, or if the documents and materials provided are changed after the issuance of this report, Dessert Finance assumes no responsibility for the resulting loss or adverse effects. Due to the technical limitations of any organization, this report conducted by Dessert Finance still has the possibility that the entire risk cannot be completely detected. Dessert Finance disclaims any liability for the resulting losses.

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The final interpretation of this statement belongs to Dessert Finance.

Dessert Finance highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.



# Thank You

DESSERT FINANCE PROJECT AUDIT HAS BEEN COMPLETED FOR FRUIT PIE (FRUIT PIE) AT BLOCK NUMBER: **29004776**

THIS AUDIT IS ONLY VALID IF VIEWED ON [HTTPS://WWW.DSSERTSWAP.FINANCE](https://www.dessertswap.finance)

[www.dessertswap.finance](http://www.dessertswap.finance)  
<https://t.me/dessertswap>