# Auditing Report for Pollo Finance

This report is written for the Pollo Finance DEX project. This group has subsequent other two DeFi projects to realize a community of tokeneconomy. The audit is processed for three program files: MasterChef.sol, Pofi.sol, and Timelock.sol. Mainly MasterChef.sol manages minting; Pofi.sol pricesses transactons; and Timelock.sol controls pausing (see the figure below). The system is designed to work within the Binance chain. These codes are hard fork of SuhsiSwap/UniSwap that
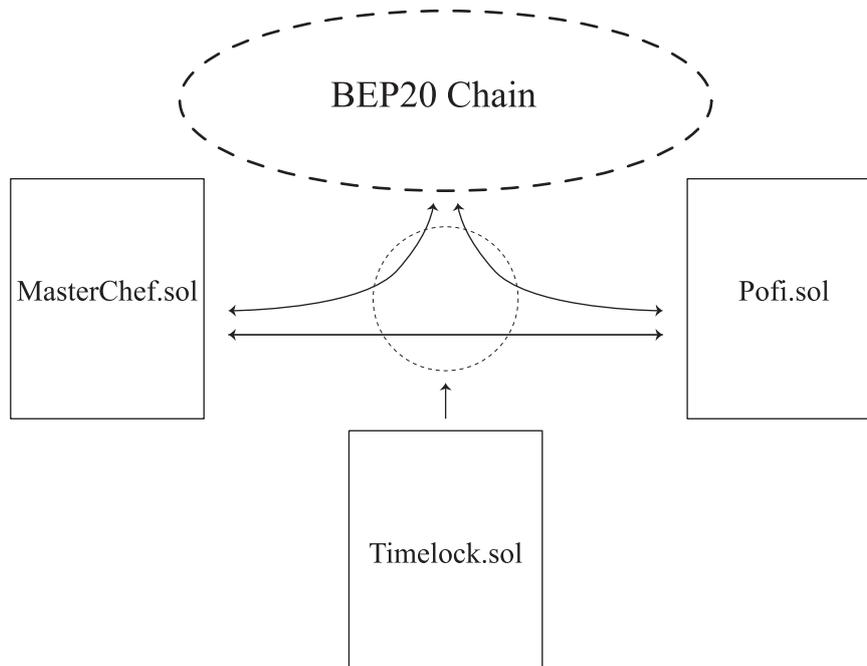


have already been audited by several parties. Thus the main purposes of this report are to show how the known problem is treated and how the project is governed.

1. Known Problems

According to Doracula Protocol[1], _withUpdate flag may cause two problems. The pointed section is kept in MasterChef.sol (L.1278-L.1305). The one is due to small access numbers resulting in losing rewards and the other is due to malicious setting resulting in unfounded minting. At this point of auditing, the first problem cannot be verified as the project has not yet been launched and continuous watch is needed in order to keep the system healthy. The second problem is not a bug in a narrow sense. This is a governance issue more than a technical one.

2. Internal Governance

The board member consists of six officers: a chief executive, an engineering, a marketing, a designing, a funding, and an academic. Programming codes, which are the most important components in the project to secure investors' money, are reviewed by not only one person within the project. Roles of each officer are apparent and their activities are peer reviewed. It is not easy to verify how the project is managed after the launch, but the attitude toward openness to the coming community can be verified. So long as security is kept, they are willing to keep source codes open. In addition, they have plan to leave the DAO to the community in the future. Yet community

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[1] https://draculaprotocol.medium.com/sushiswap-smart-contract-bug-and-quality-of-audits-in-community-f50ee0545bc6

members have to keep watching the activities of the board, the internal governance is appropriately functioned in this project at this point.

3. Security Issues

There are possible security issues both in the program code and in the blockchain. Security issues relating to the project must be watched and updated continuously by the board. The appropriate internal governance the experienced engineers enable this project maintain the healthy system.

Hereby I certify that the Pollo Finance is not malicious and is not insecure project.

March 16, 2021

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