Date: 13-01-2022
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Course: CP108 Plutus/Haskell I

Problem statement: Most African governments are trying different measures to eliminate *corruption*, *bad governance*, *mismanagement* and *lack of accountability* in their countries but these efforts are mostly unsuccessful. As a tool for change, *blockchain* can help in solving some of these governance issues plaguing Africa.

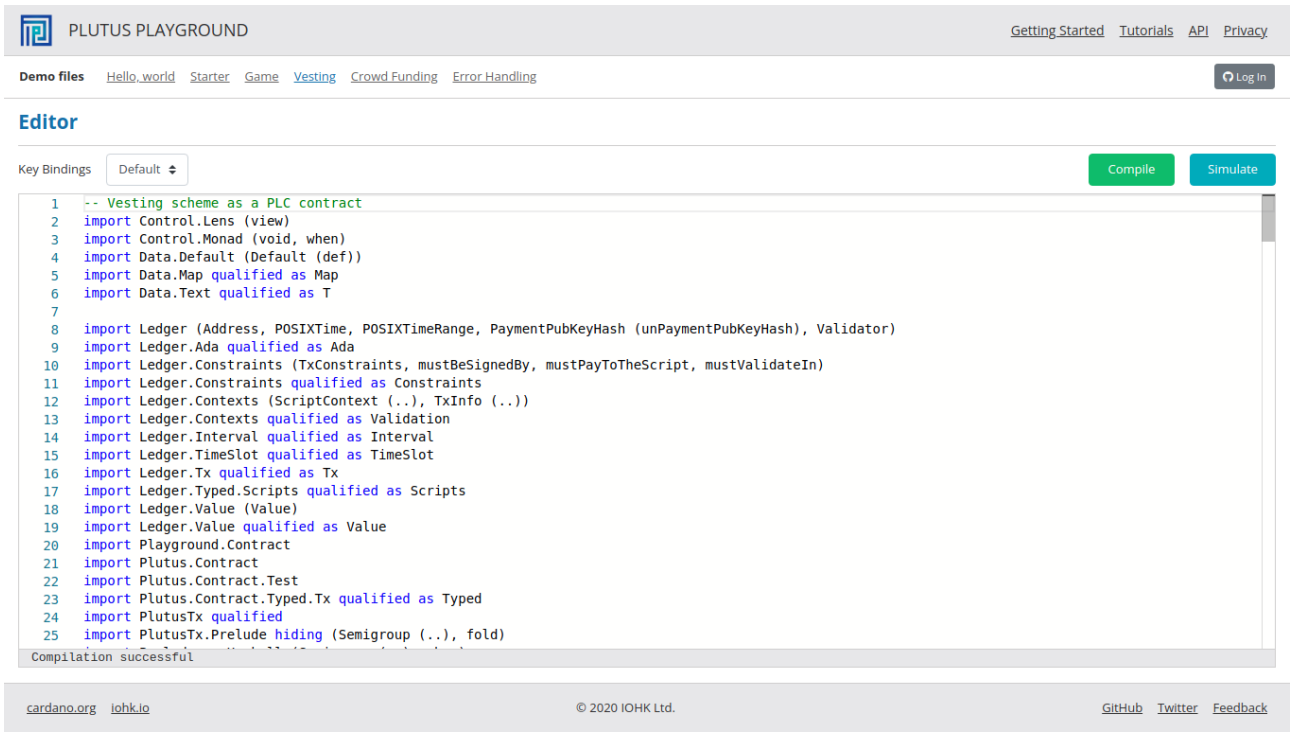
Task: With this in mind, think of a way you can implement a smart contract that can help eliminate any of these ills, then implement it using Plutus.

Possible solution: Giving acces to funds without using the so called "Middleman". We use "Smart Contracts" for (financial) aid or microcredits, powered by the Cardano Blockchain. Lock Ada funds on the blockchain, redeem funds with the correct redeemer.

In this way no intermediary is used. This keeps human error to a minimum. Based on predetermined rules written in Haskell and Plutus.

- No middlemen involved;
- Low transaction costs;
- 24/7 available;
- Safe, secure and fast

Script: The ***Gift.hs*** can be used for this exam and can be tested at the Plutus Playground;
https://playground.plutus.iohkdev.io/



Language: Haskell and Plutus