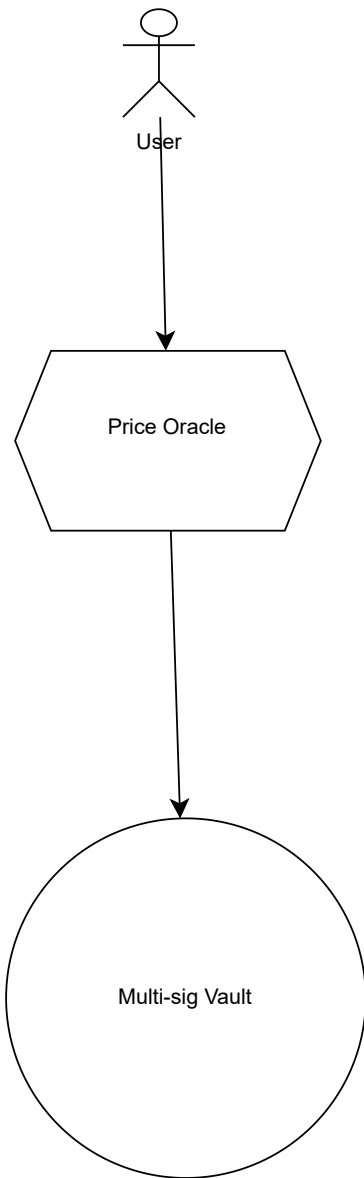
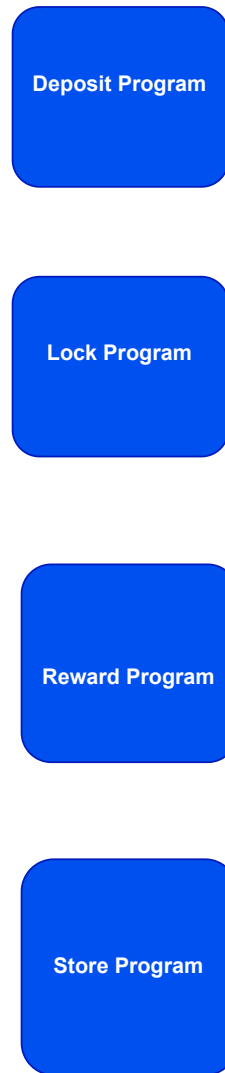


OVERVIEW

External Systems



Core Programs



Program Derived Addresses



Token Accounts

User USDC Account

User Reward Token
Account

Protocol USDC Vault

Validation Gates

Deposit Valid?

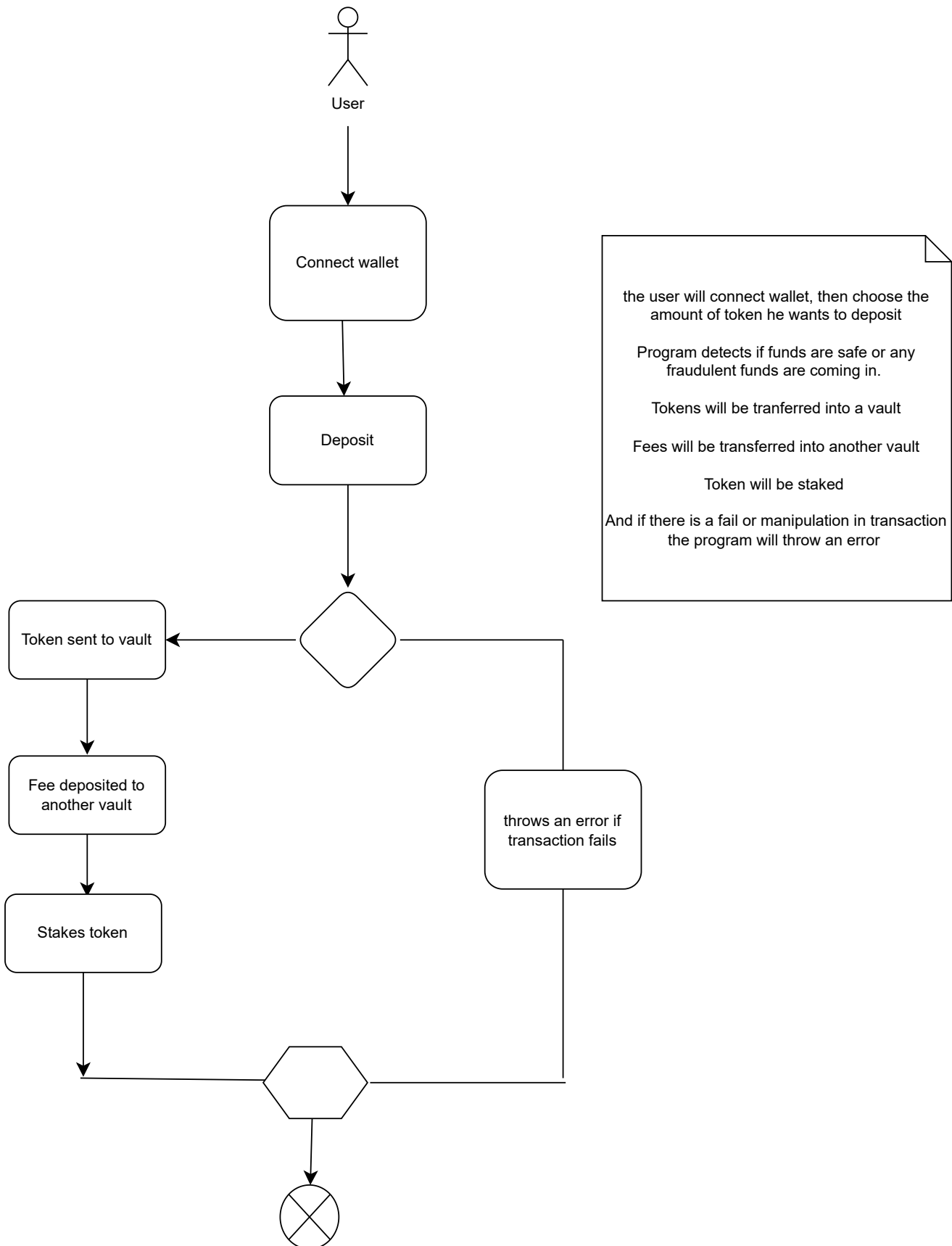
Lock Period Expired?

Sufficient Rewards?

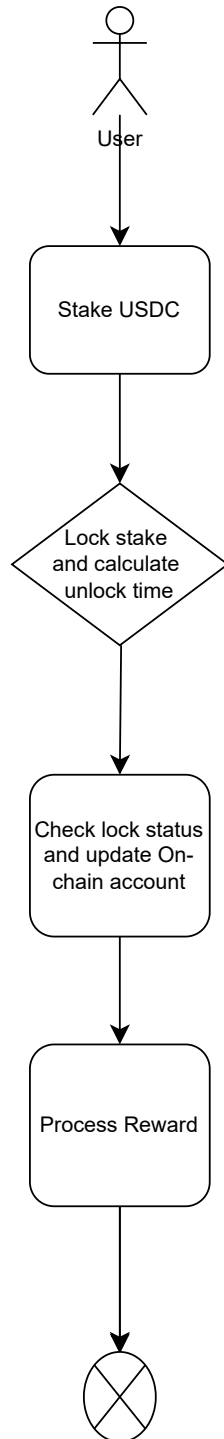
Item Available?

1. User connects wallet and signs in
 - User connect to solana wallet
 - Wallet is mapped to an onchain user profile
2. User stakes USDC or SPL token
 - Contract will mint USDC
 - Contract stakes token for user to earn reward
3. Rewards are distributed
 - Smart contract calculate payout distribution
 - Users receives royalty/burn token as reward
4. Users can use reward/ burn token to make purchase from store

DEPOSIT USDC



STAKE USDC



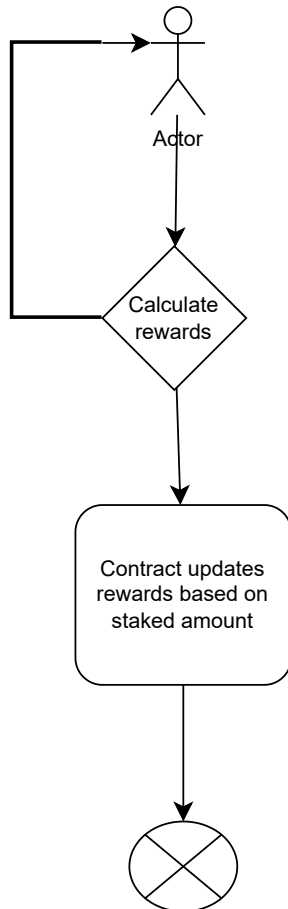
User will be able to stake USDC amount of token

token will be locked and time-stamps will be calculated

Program will check lock status and update USDC amount on users account

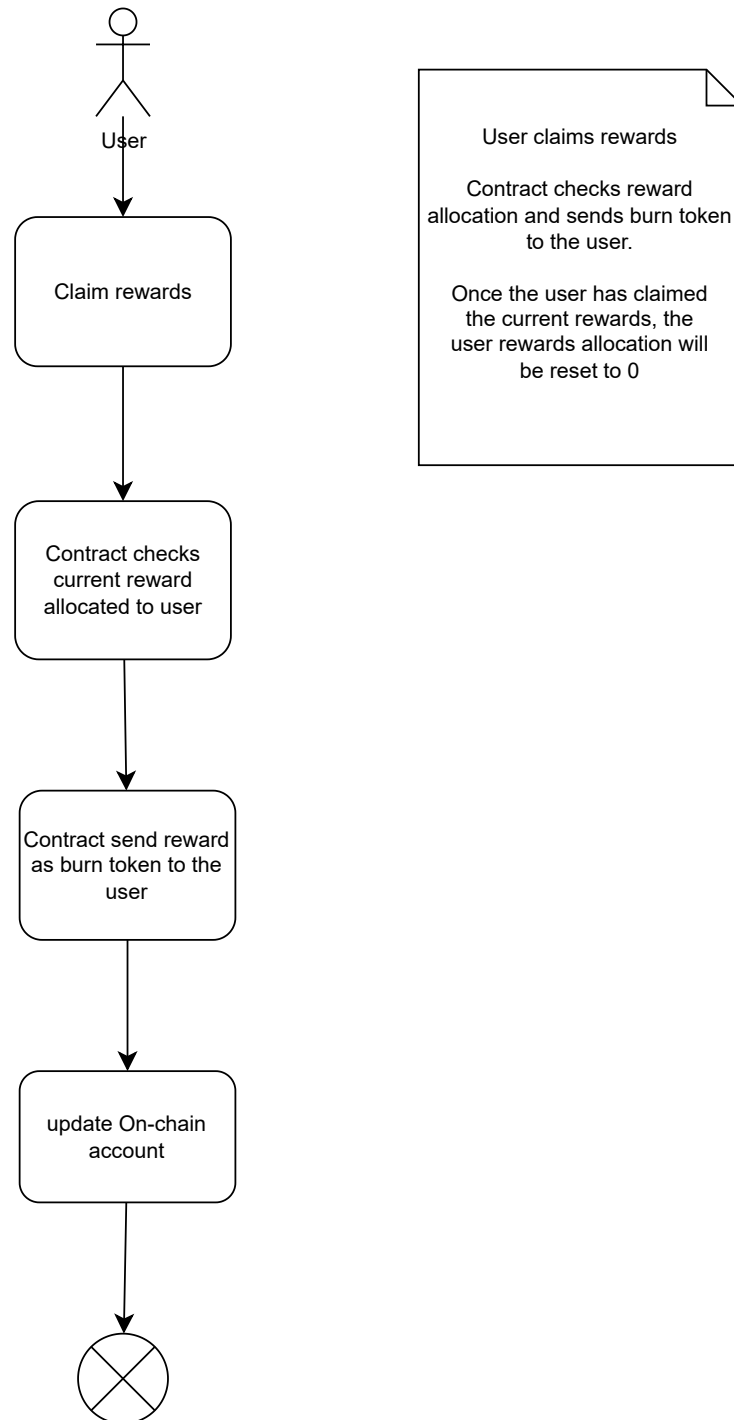
And then it processes reward.

DISTRIBUTE REWARDS



The protocol will calculate the reward base on the amount deposited and the limited time the user staked that token for and then it returns the allocation for that yielded amount and time.

CLAIM REWARDS



STORE PROGRAM

