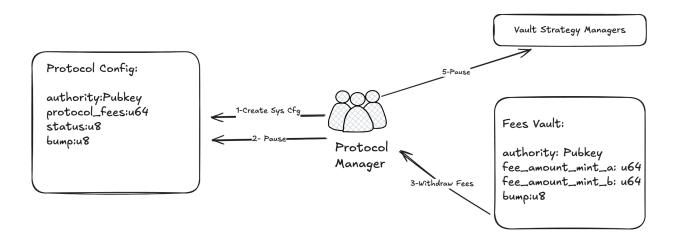
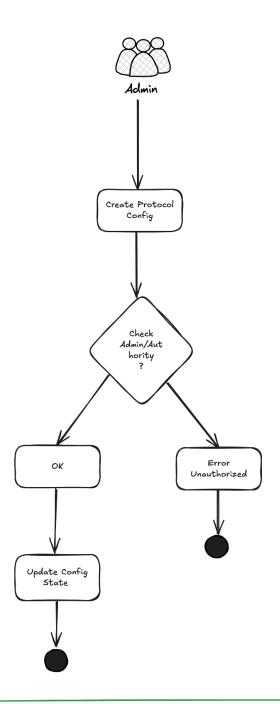
Architecture Design



Create Protocol config



The user will be able to create the initial config fot the protocol.

The protocol will need this config on few instructions in order to validate the Vault Strategy Manager creation.

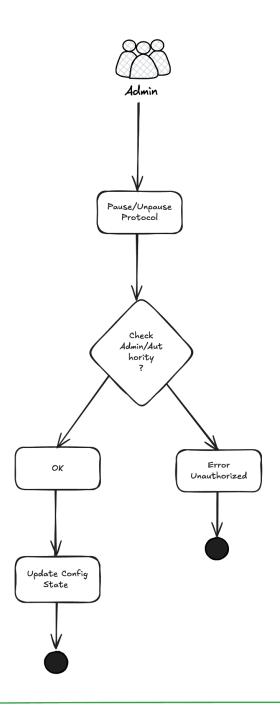
An on-chain process will take in place in order to create the account responsible to store the configuration.

Only Protocol manager will be able to edit/update this config.

Once create it can't be deleted.

Not all attributes will be available to update.

Pause/Unpause Protocol



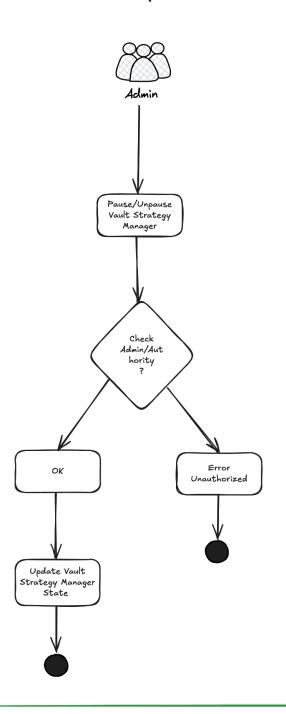
The user will be able to pause/unpause the protocol.

An on-chain process will take in place in order to update the account responsible to store the configuration.

Only Protocol manager will be able to pause/unpause the protocol.

Once it's paused nobody will be able to execute any action on it.

Pause/Unpause Vault Strategy Manager



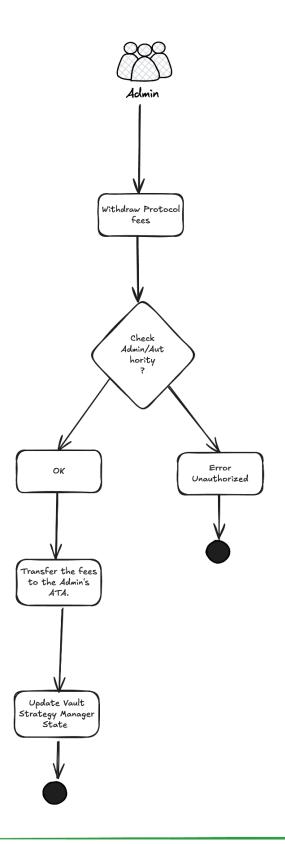
The user will be able to pause/unpause the Vault Strategy Manager.

An on-chain process will take in place in order to update the account responsible to store the Vault Strategy Manager state.

Only Protocol manager will be able to pause/unpause the Vault Strategy Manager.

Once it's paused nobody will be able to execute any action on it.

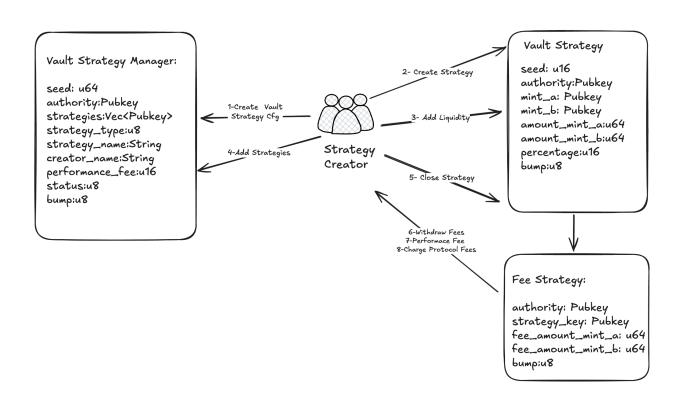
Withdraw Protocol fees



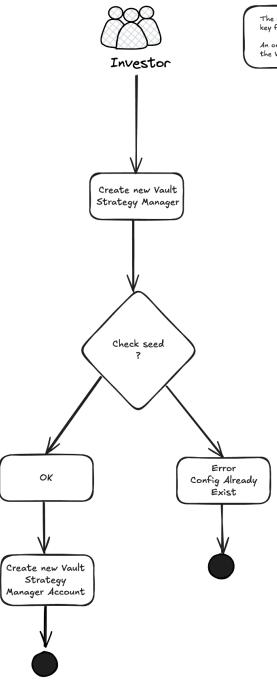
The user will be able to uttablow the protocol Peeb.

As mortain process will take in place in order to transfer from Yoult Fees account to Protocol Admin ATA.

Only Protocol manager will be able to perform the uttablowed.



Create Vault Strategy Manager

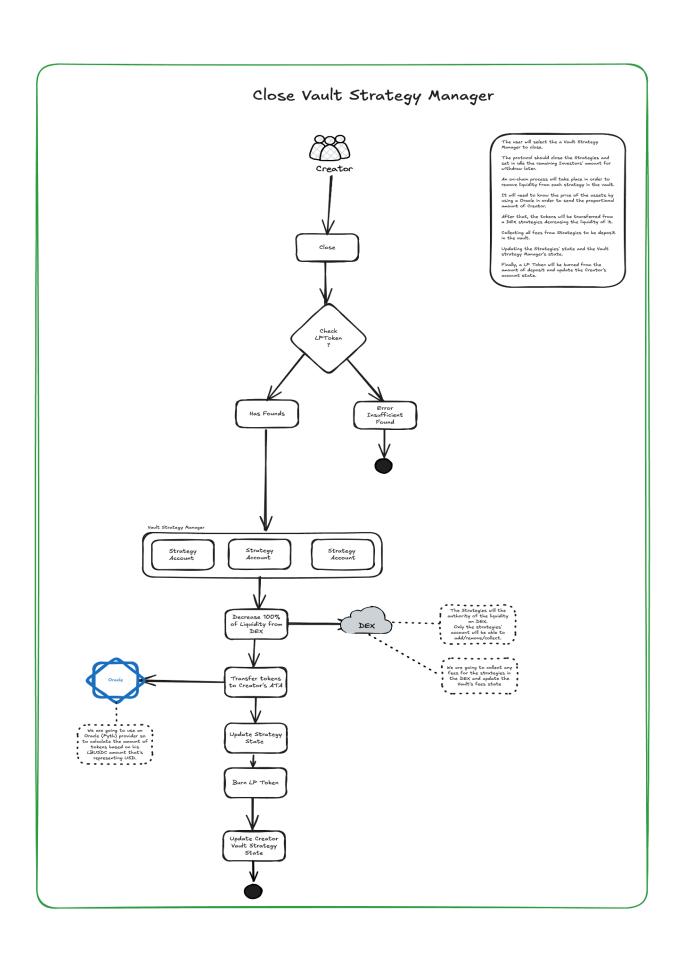


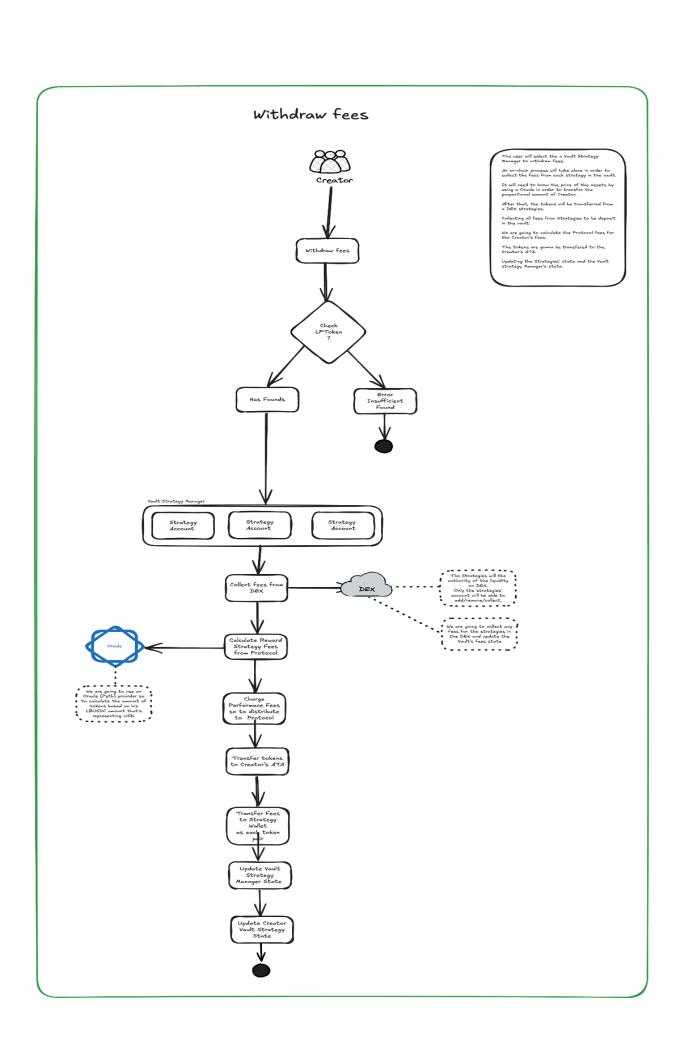
The user will create a seed to be used as unique key for the Vault Strategy Manager creation.

An on-chain process will take place in order to the Vault Strategy Manager creation.

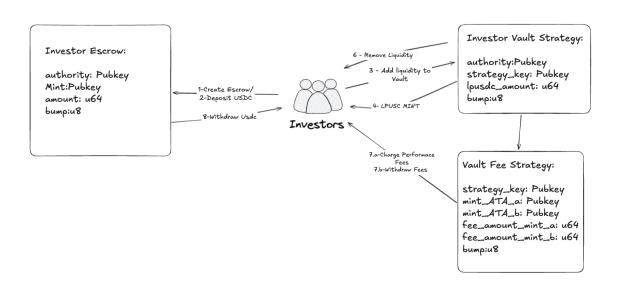
Create Strategy The user will select the a Vault Strategy Manager to create and add liquidity. Strategy Creator An on-chain process will take place in order to transfer the amounts of token pair from Creator's ATA so to open position in the DEX and add liquidity. Updating the Strategies' states. Finally, a LP Token will be minted to represent the amount of deposit and update the Creator's account state. Create Strategy Error Config Already Exist Transfer Tokens from Creator to Strategy Vault The Strategies will the authority of the Inquidity on Diff. Only the strategies' account will be able to add/remove/collect. DEX Transfer LP Token to Creato Update Strategy State Update Creator Vault Strategy State Update Vault Strategy Manager State Strategy Account

Remove/Withdraw Liquidity from Vault Strategy The user will select the a Vault Strategy to remove liquidity. After that, the tokens will be transferred from a DBX strategy decreasing the liquidity of it. Remove liquidity Updating the Strategies' state. Finally, a LP Token will be burned from the amount of deposit and update the Creator's account state. Error Insufficient Found We are going to collect any fees for the strategies in the DEX and update the Investor's fees state Update Strategy State Burn LP Token Update Creator Vault Strategy State

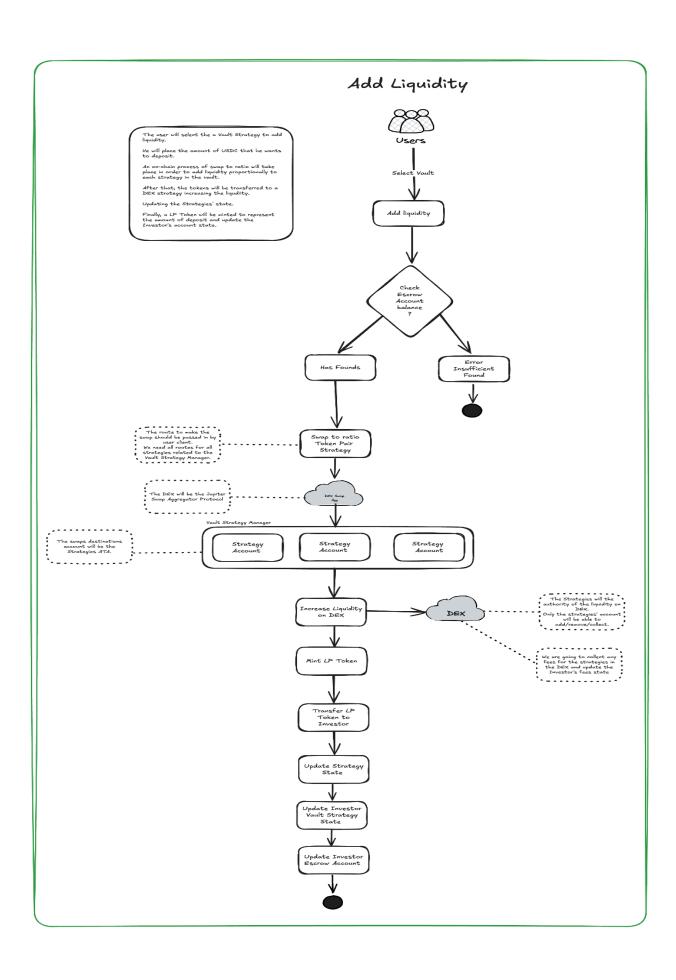


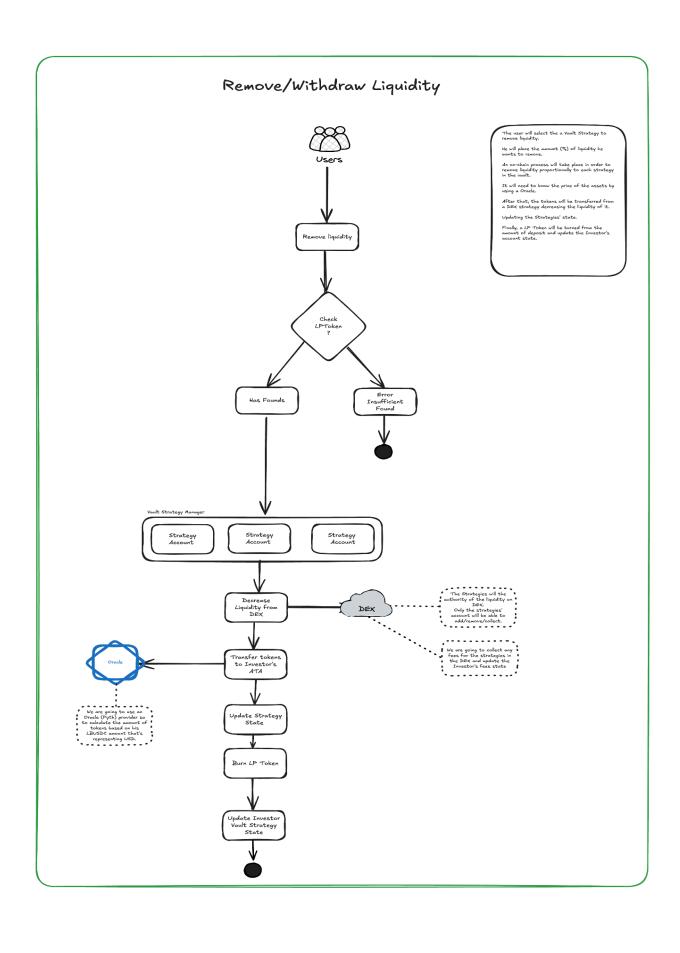


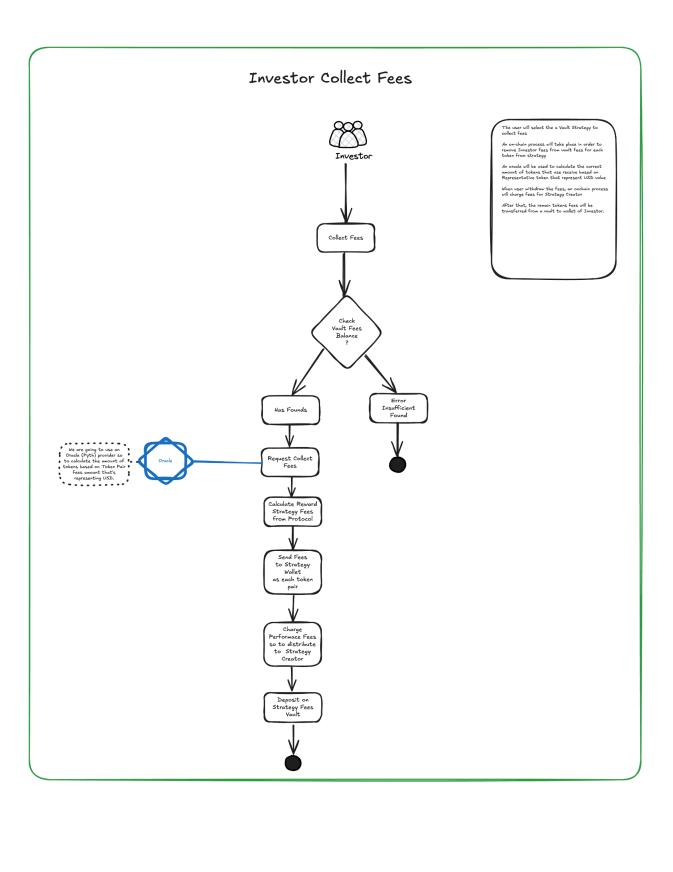
Bonus: The protocol shall allow an Investor to deposit his USDC amount into a lending/borrowing strategy.



DEPOSIT Users Users Users The user will select the amount of USDC that he wants to deposit An on-chain Escrow account will be created, storing the essential state After that, the tokens will be transferred to a Escrow Account Account creation account creation Essential state will be stored. Escrow







End-to-End View:

