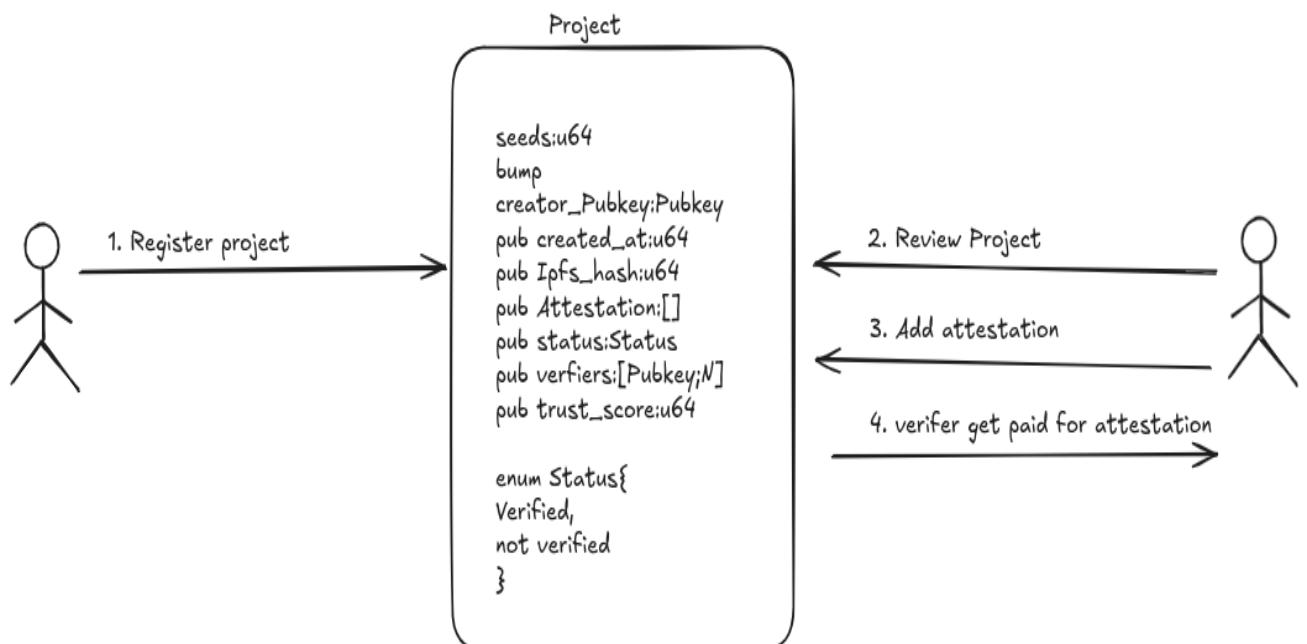


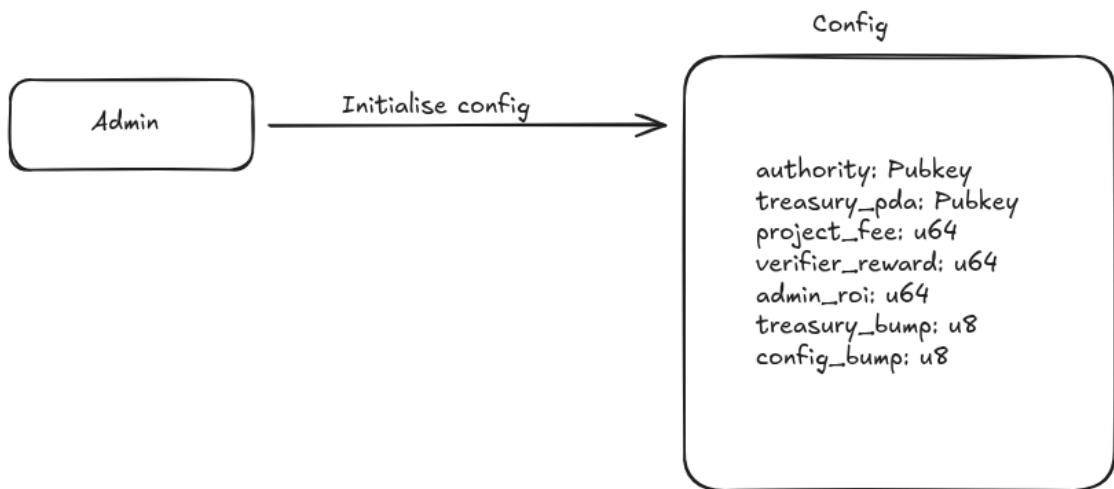
Assignment: Architecture Diagram

Protocol POC Requirements

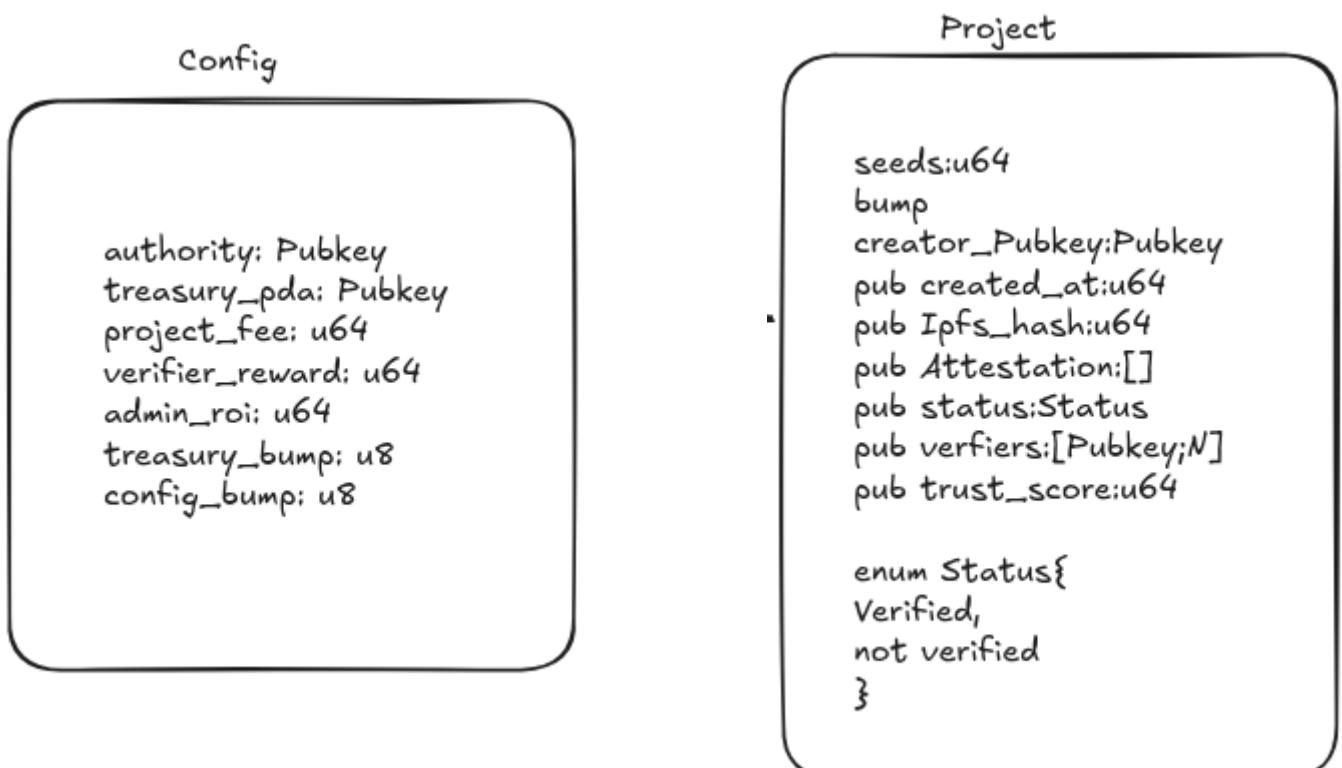
- The protocol should allow users to register projects on-chain, creating PDAs to store project state.
- The Protocol should enable trusted auditors to submit attestations linked to projects via their wallets, with legitimacy confirmed.
- The Protocol should allow document hashes to be stored on-chain while actual files reside on IPFS .
- The protocol should calculate and update trust scores based on attestations quantity and credibility.
- A frontend interface must enable exploring projects, viewing attestations, verifier identities, and accessing audit documents via on-chain hashes.
- The protocol should handle rejection, missing documentation, and authenticity error cases, and avoid storing sensitive data on-chain by using hashed references.
- The protocol enables manual and automatic updates for trust scores, document statuses, and verifier reputations.

Overview

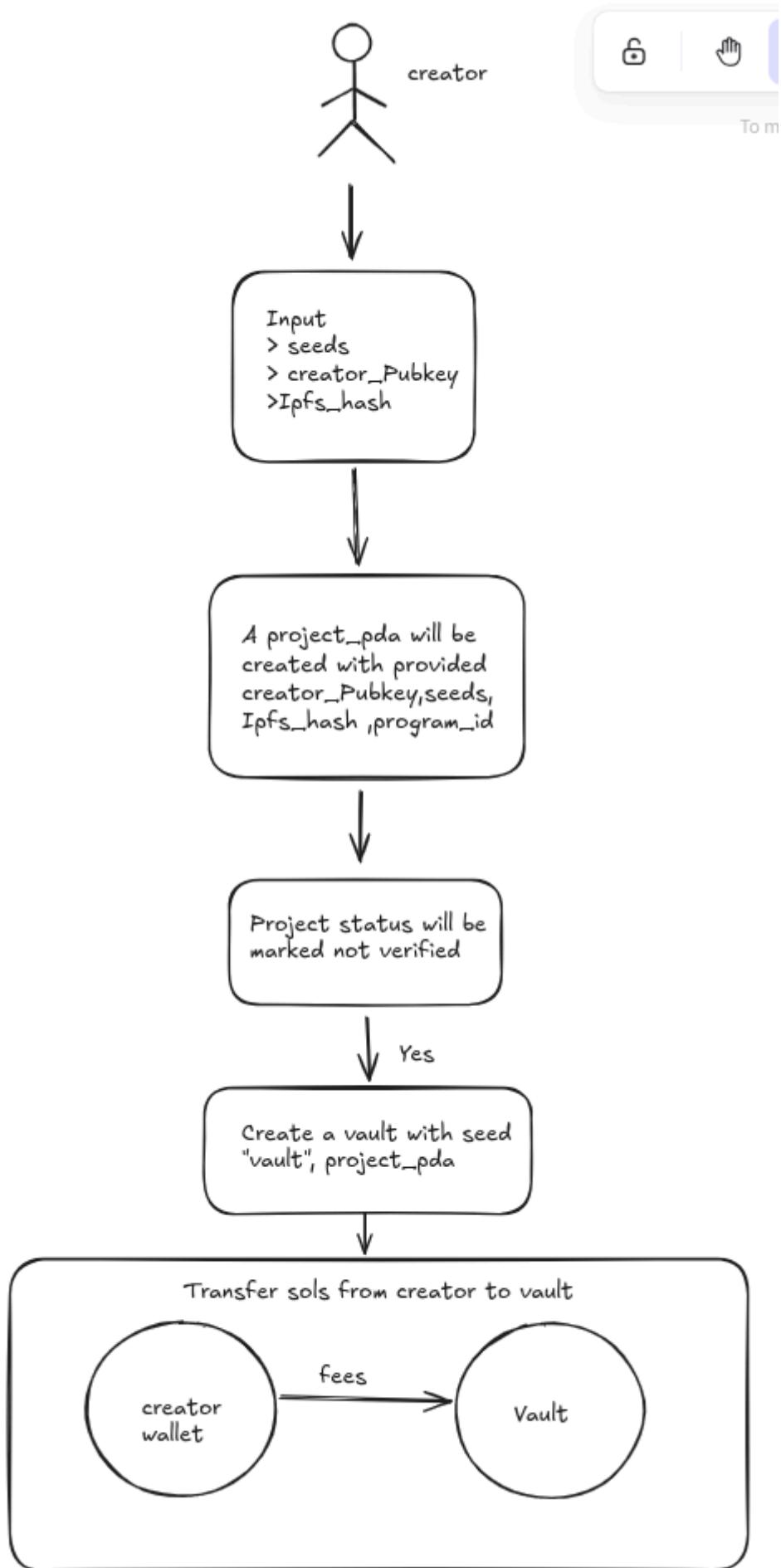




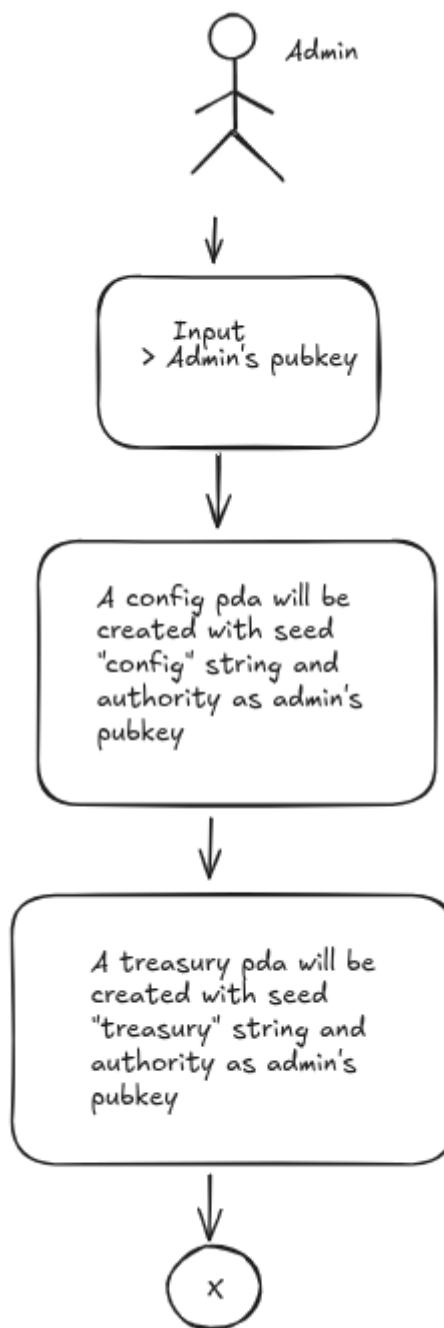
States



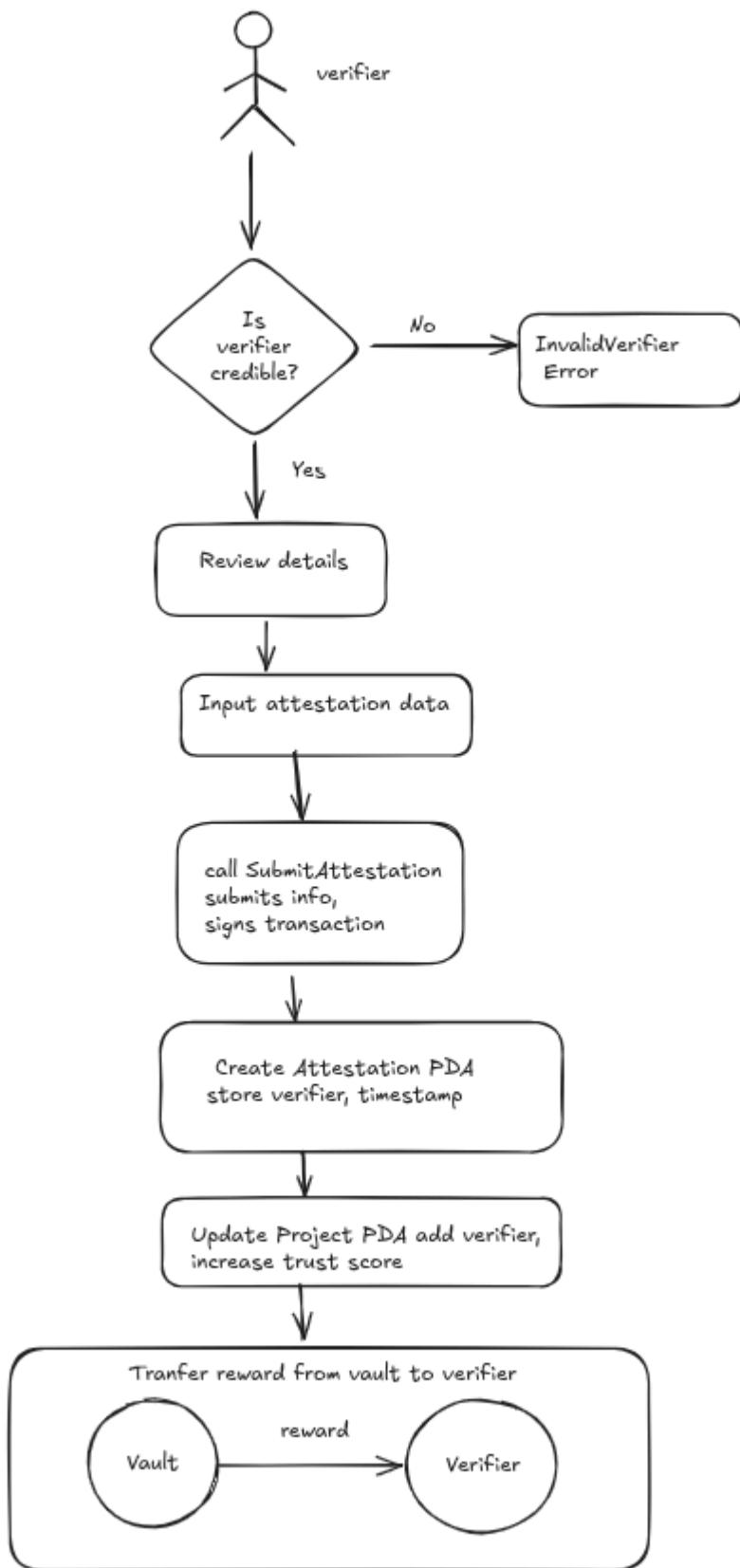
Register a project &deposit fees



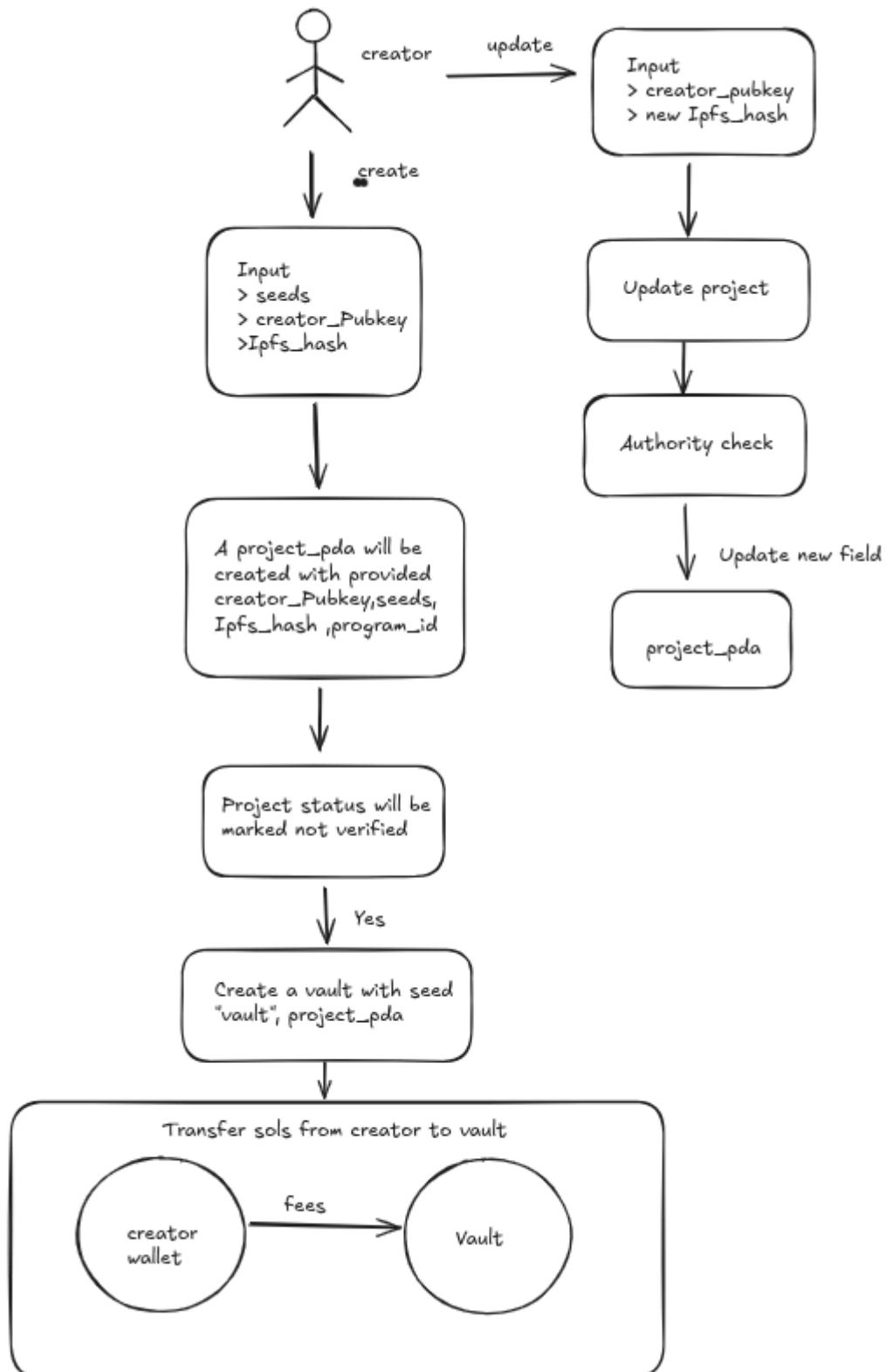
Initialise config(by admin)



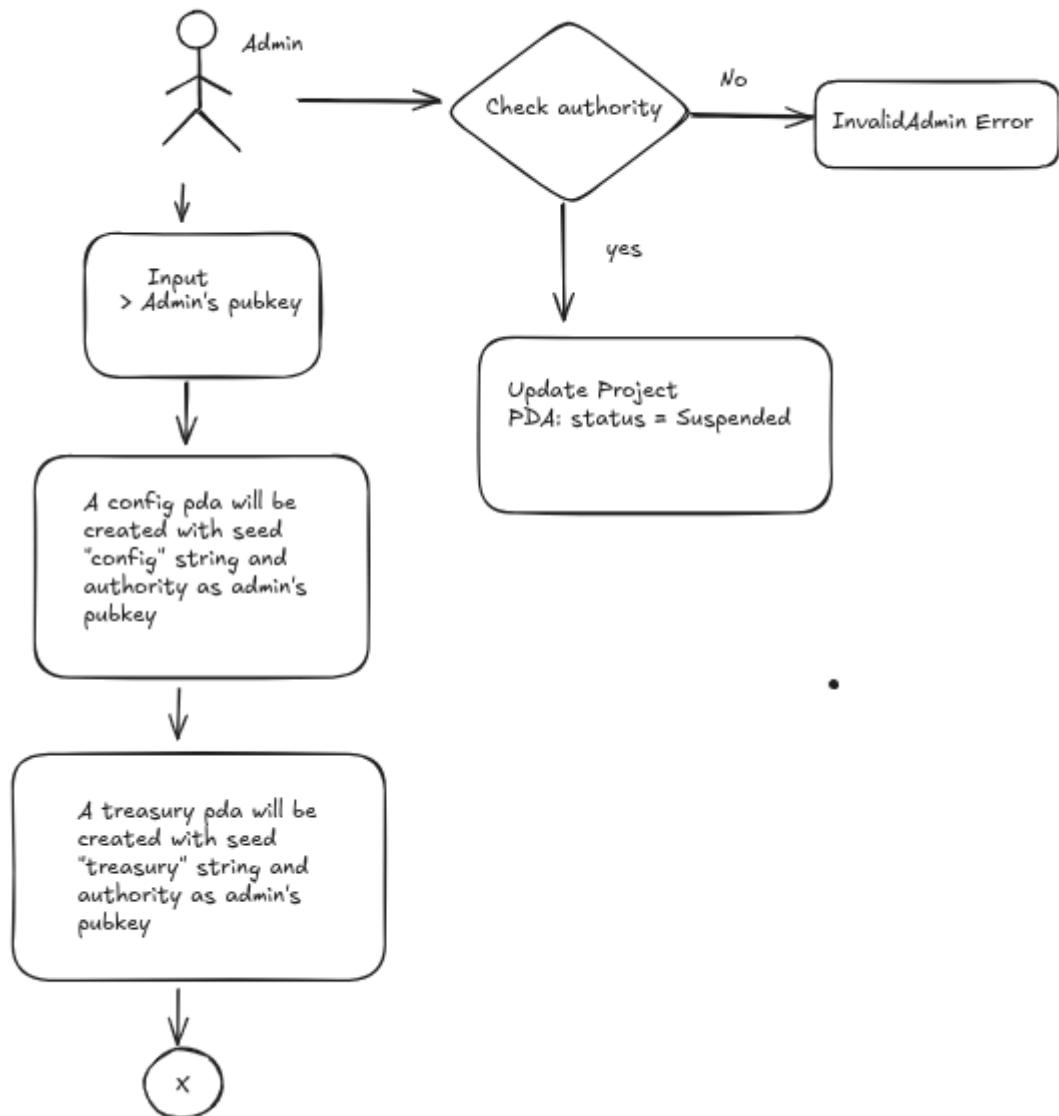
Verify a project



Update project



Suspend project for fraud



Withdraw from Treasury(by Admin)

