



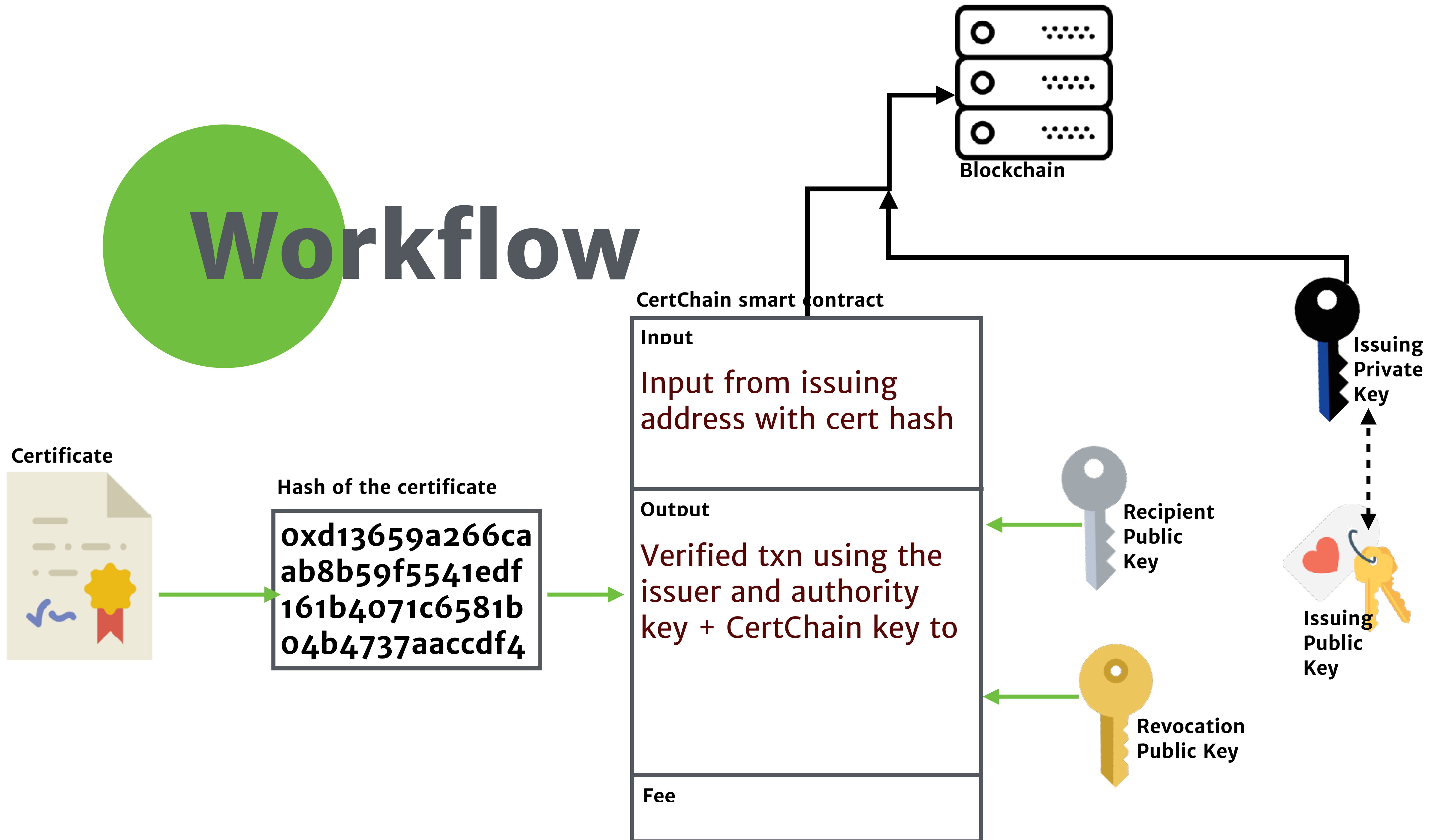
CertChain



Mission

CertChain display and verify digital credentials using the blockchain and the open badges specification.

Workflow





Business Modal

- ◆ Extended validation
- ◆ Revocation
- ◆ Commission
- ◆ New Schema

Technology

- ✦ Ethereum Blockchain
- ✦ Smart Contracts
- ✦ NodeJS
- ✦ Open schema
- ✦ IPFS



User Roles

1. General users: Who are supposed to receive the certificates (students, general public etc)
2. Issuing Authority: Who issues the certificates (Universities, Govt. Entity etc)
3. CertChain: Defines schema and manages the revocation key



Interfaces

1. Web front end for users
2. Web back end for issuing authority.
3. Verification screen
4. Schema validator



This is a PoC by Lightrains Technolabs Pvt Ltd, a startup working in the field of decentralisation, blockchain and online privacy.

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Current Status

Only the basic version of the CertChain smart contract and user interface is ready.