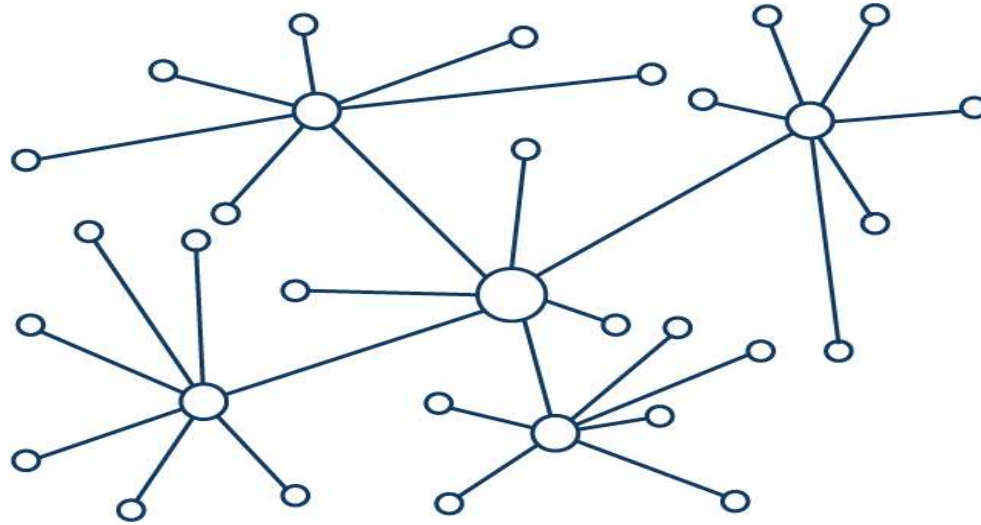
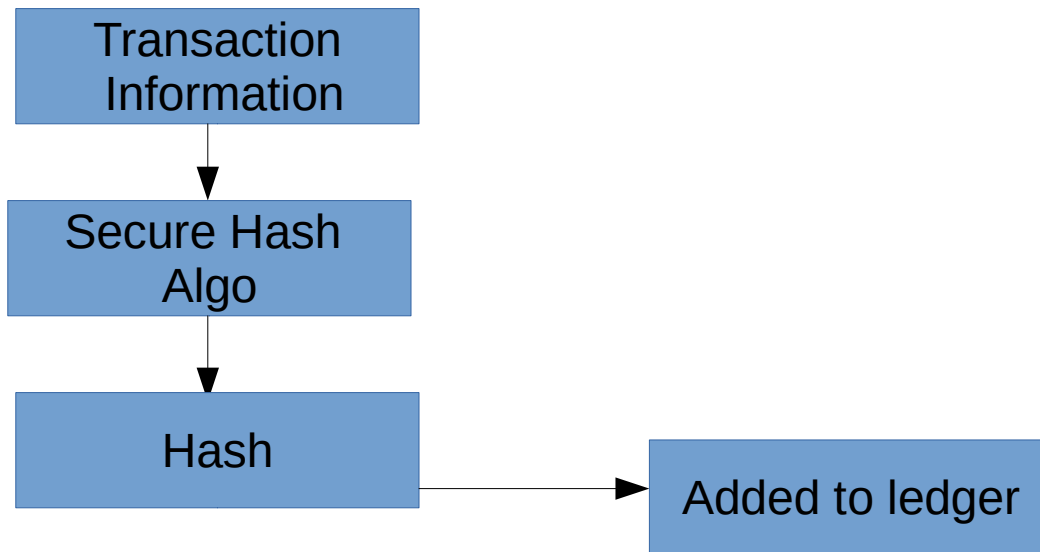


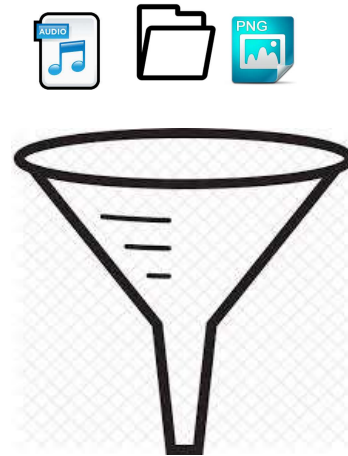
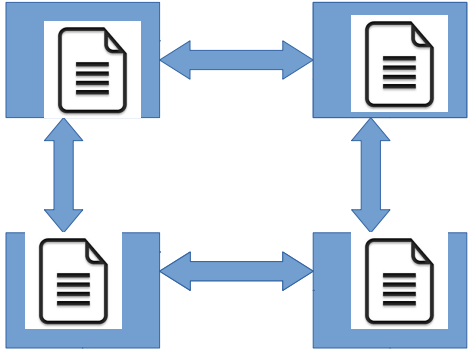
BlockChain



Ledger

- List all the transaction
- Timestamp and immutable





EMR



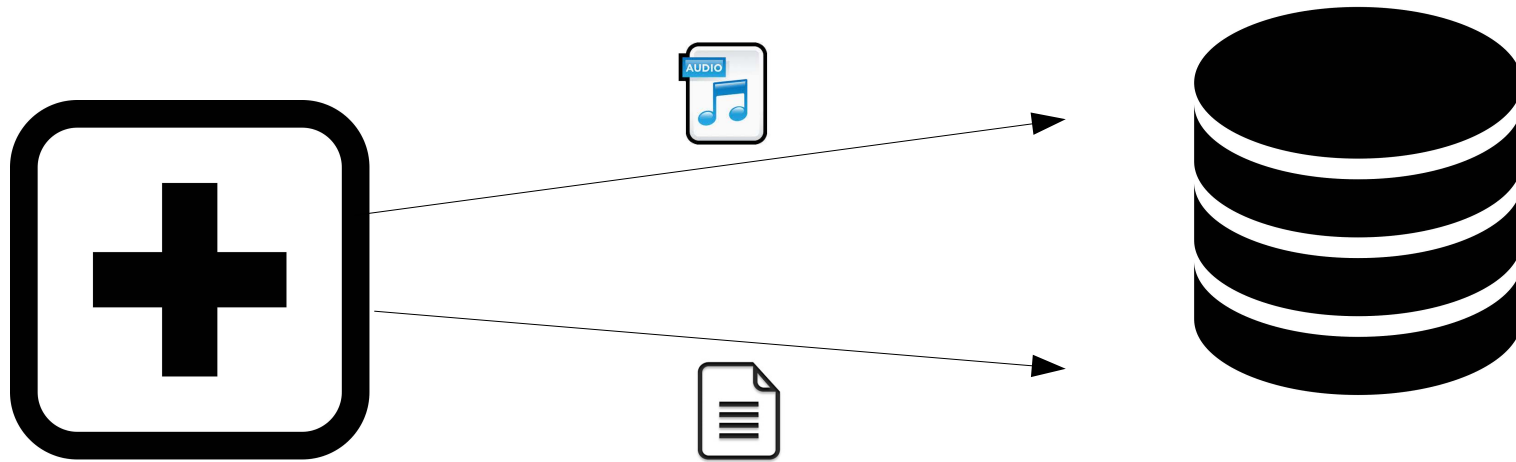
Problem

- lack of interoperability
- Difficult access to data patient consent needed

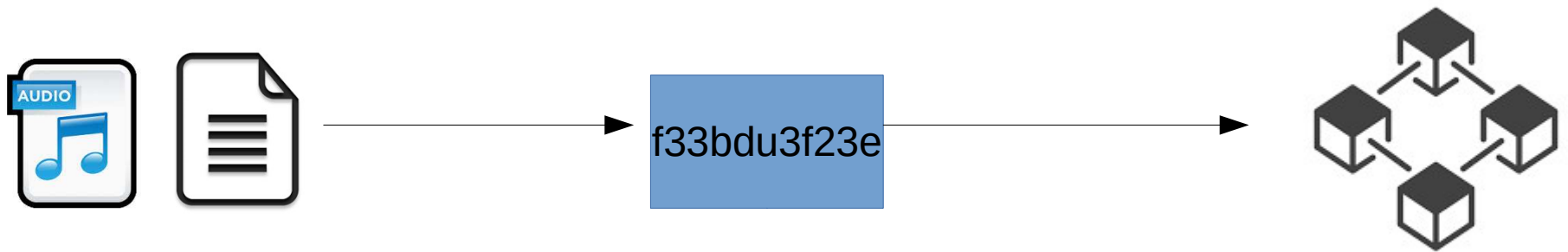
1. Health care providers collect information from the patient



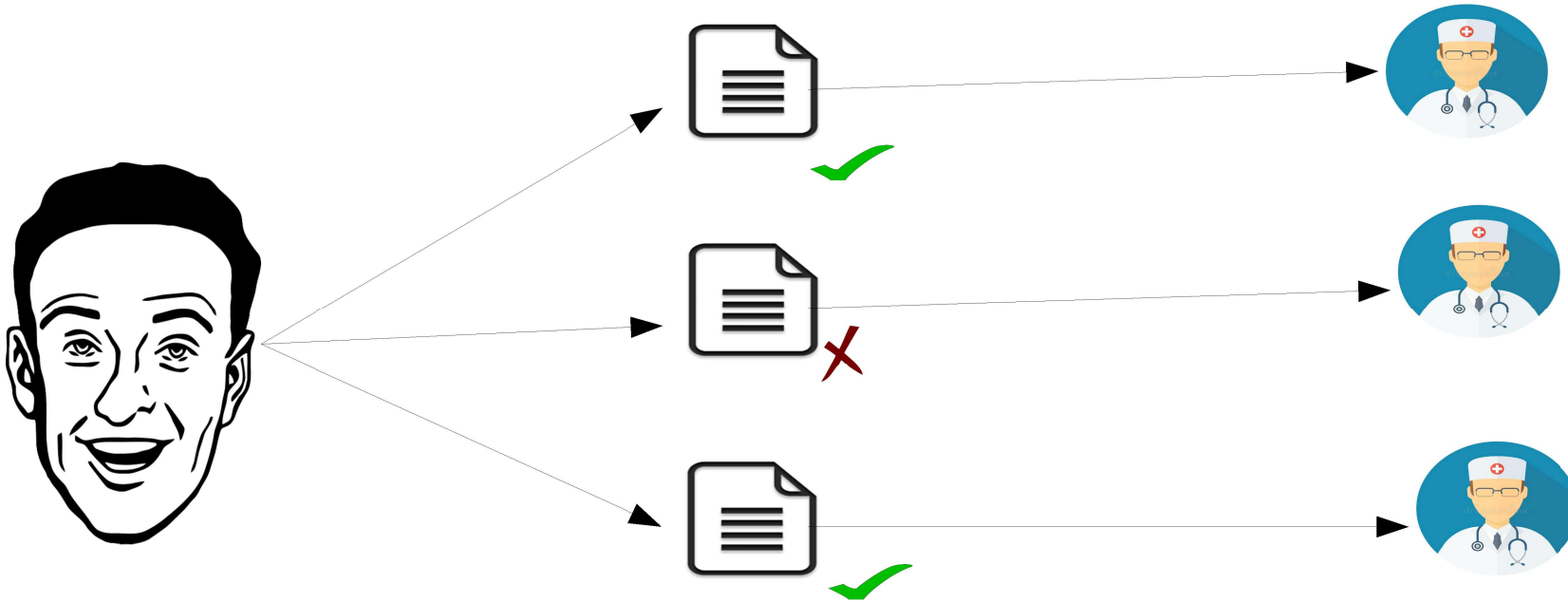
2. The data is stored in existing databases in hospitals



3.Hash is creating from each source of the data and is redirected to the blockchain



4. Healthcare stakeholders (validator) can create the blockchain and access the information



Smart Contract

- written as code into the blockchain
- triggering event is hit the contract automatically executes
- doctor asks for permission to access the information if the patient gives consent the contract automatically allows the doctors to see the results blockchain

Patient Centered System