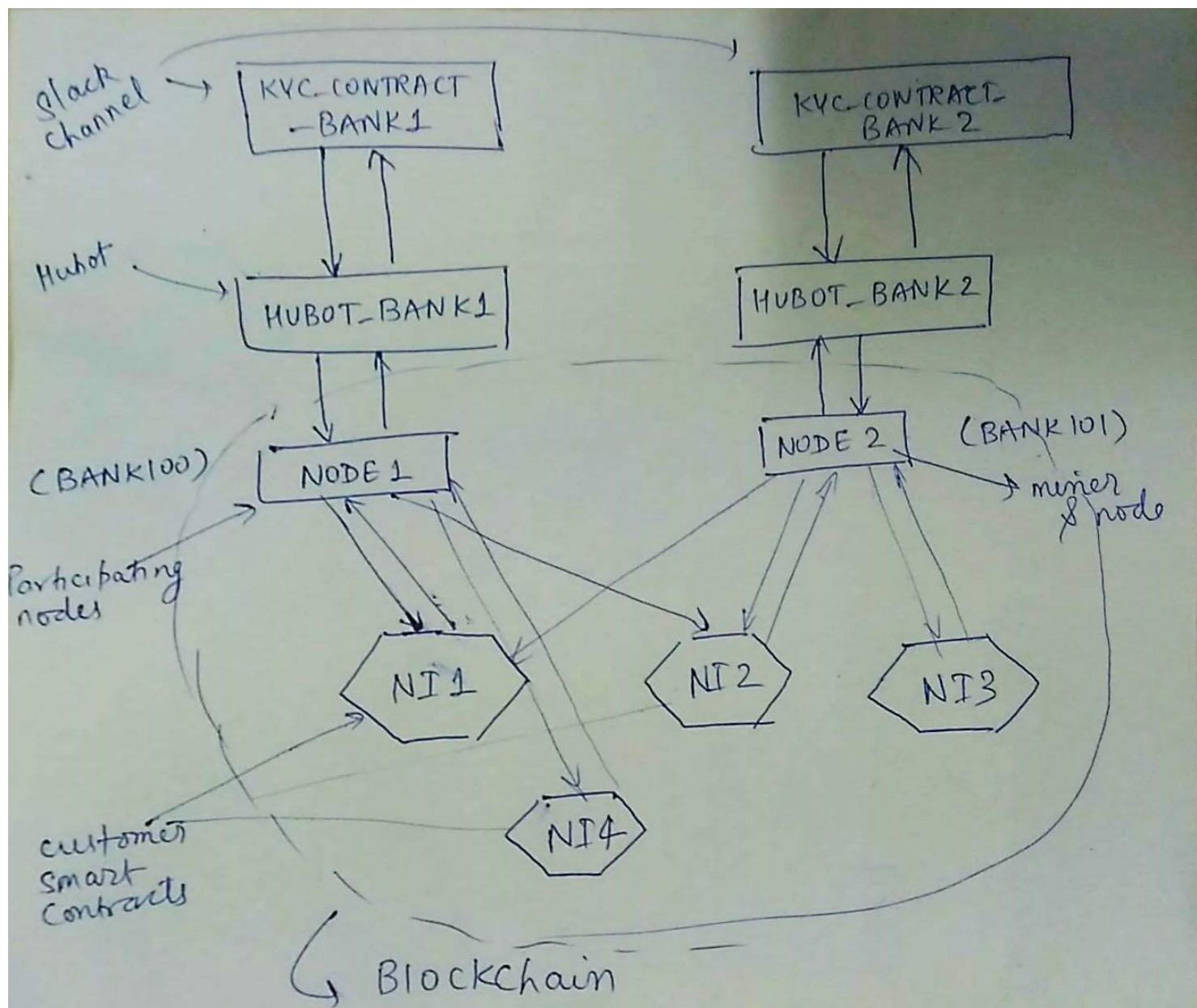


- ① Smart contracts are created for customer, one smart contract per customer and is uniquely identified by NI number.
- ② Banks access/create smart contracts.
- ③ Banks perform operations on smart contracts using smart contract API.
- ④ Data syncing happens between nodes and blockchain.
- ⑤ Smart contract data can be updated only using API's. The definition (code) of smart contract API can not be modified by anyone.

Operations:-

- ① checking details of existing customers.
- ② creating a new smart contract for a new customer.
- ③ Submitting kyc from customer side.
- ④ Submitting kyc from bank side.
- ⑤ updating customer details (ex: address).
- ⑥ check customer kyc (True when both customer & bank have signed on submitted kyc)



Hubot is connecting to nodes to access Block chain information.
NODE 2 is also doing task of mining the transaction.

Technology stack

① Smart Contracts :-

- a) Solidity
- b) ~~gith~~ (Ethereum)

② Hubot scripts :-

- a) Node JS
- b) Javascript
- c) web3.JS

③ Tools :-

- a) Slack
- b) Hubot
- c) Putty
- d) winscp

④ UNIX :-

- a) ~~bash~~ shell scripts