

klaytn DoraHacks
KLAYMAKERS 23
10.10 - 11.30

A Global Hackathon for
DeFi | RWAs | Metaverse & Gaming

US\$1,000,000+
PRIZES, INCUBATION, & INFRA SUPPORT

Klaytn RWA

Winner: US\$ 20,000

Runner Up #1: US\$ 10,000

Runner Up #2: US\$ 5,000



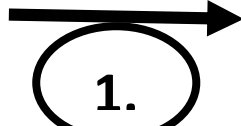
**Tale of a Real estate owners and
an interested buyer**



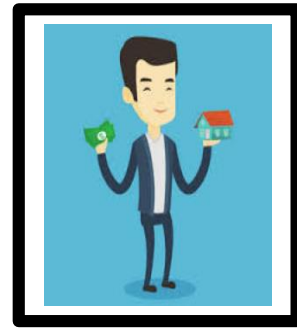
WALLET



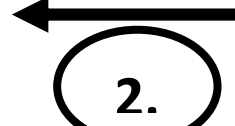
Owner



WALLET



Buyer



DApp



FEATURES

- SIGN UP/ LOGIN via Kaikas wallet
- Create a Real Estate project profile by providing following info:
 1. Mint KIP-37/ERC1155 NFTs by uploading a video of Real Estate asset proposed to sell.
 2. Upload necessary document in PDF like Prospectus(OPTIONAL)

- SIGN UP/ LOGIN via Kaikas wallet
- Purchase KIP-37/ERC1155 NFT Tokens
- Borrow KLAY in respect of such KIP-37 NFTs

- Allow anyone to mint KIP-37 NFTs representing underlying Real Estate assets by uploading video to IPFS.
- Allow anyone to purchase the KIP-37 NFTs.
- Allow anyone to borrow 80% of amount KLAY against such KIP-37 NFTs.

ARCHITECTURE

FRONTEND

SIGNER

KAIKAS WALLET

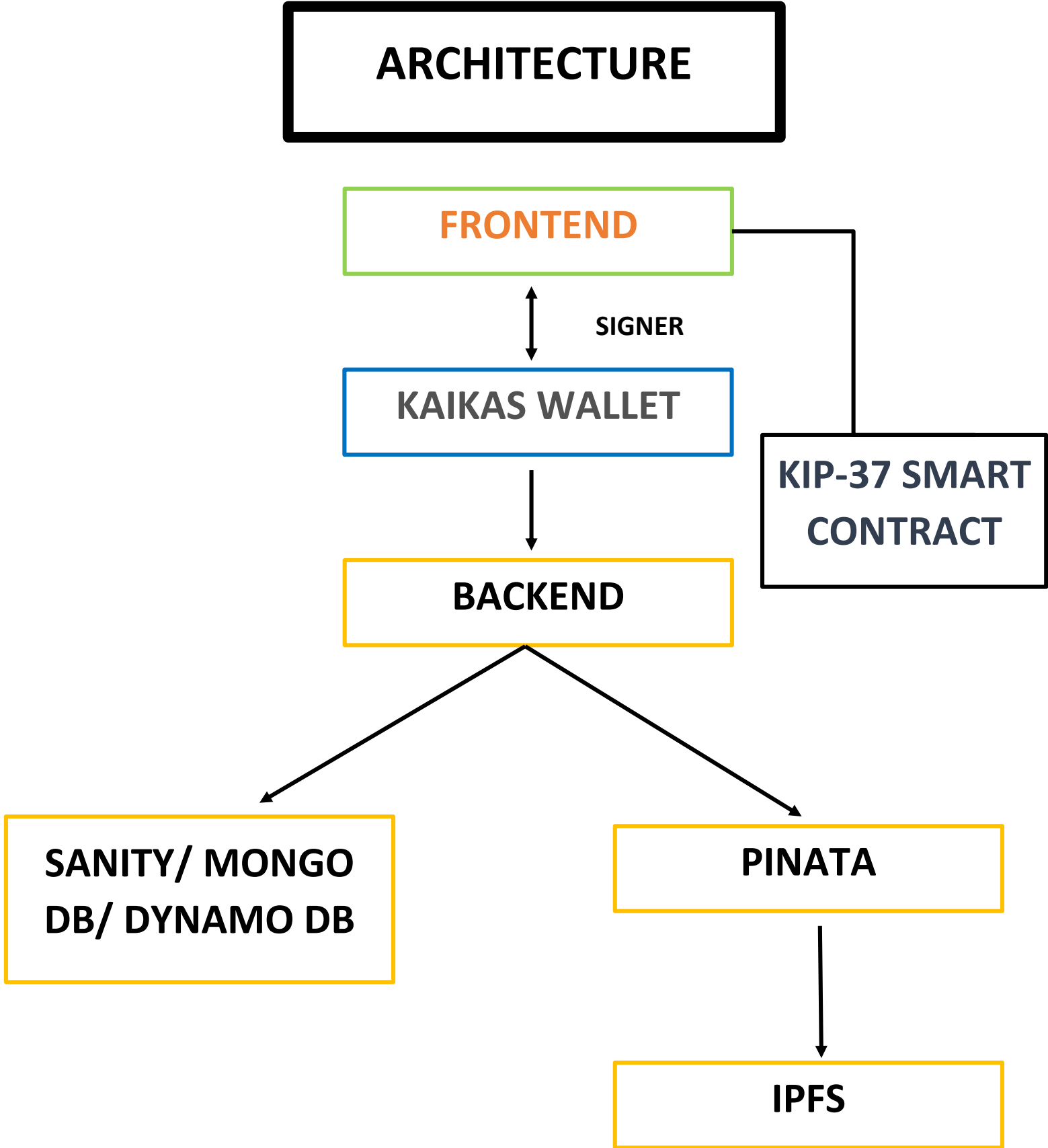
**KIP-37 SMART
CONTRACT**

BACKEND

**SANITY/ MONGO
DB/ DYNAMO DB**

PINATA

IPFS



TECH STACK & RESOURCES

- FRONTEND = <https://nextjs.org/>
- KAIKAS WALLET = <https://docs.kaikas.io/>

<https://github.com/klaytn/kaikas-web3-provider>

- KIP-37 SMART CONTRACT = <https://github.com/klaytn/kips/blob/main/KIPs/kip-37.md>

<https://github.com/klaytn/klaytn-contracts>

<https://kips.klaytn.foundation/KIPs/kip-37>

<https://wizard.klaytn.foundation/#kip37>

- CAVER.JS = <https://github.com/klaytn/caver-js>
- WEB3KLAYTN = <https://github.com/klaytn/web3klaytn>

- SANITY = <https://www.sanity.io/studio>
- MONGO DB = <https://www.mongodb.com/>
- DYNAMO DB = <https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Introduction.html>
- PINATA = <https://www.pinata.cloud/>
- IPFS = <https://ipfs.tech/>