On-chain

Ethereum Network

→ Blyisger

$L_1 - L_2$

By ^{2} ETH

2 Trasection yazıldı
→ Trasection offered

Doşılca

Metamask Wallet

Off-chain

↳ Update user wallet

Train : Binace → 10 ETH

Tx out: Binace → 8 ETH, Doğulan → 2 ETH
                              wallet address

Wallet ⇒ Kullanıcı adresi
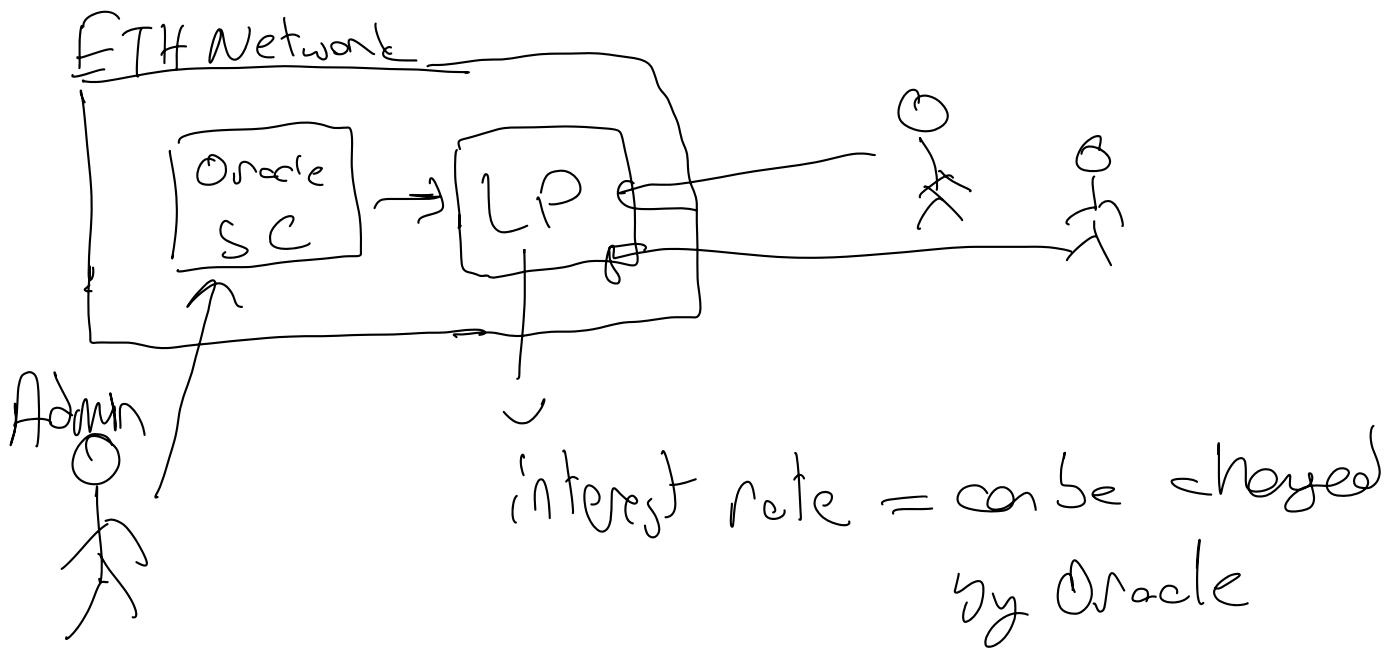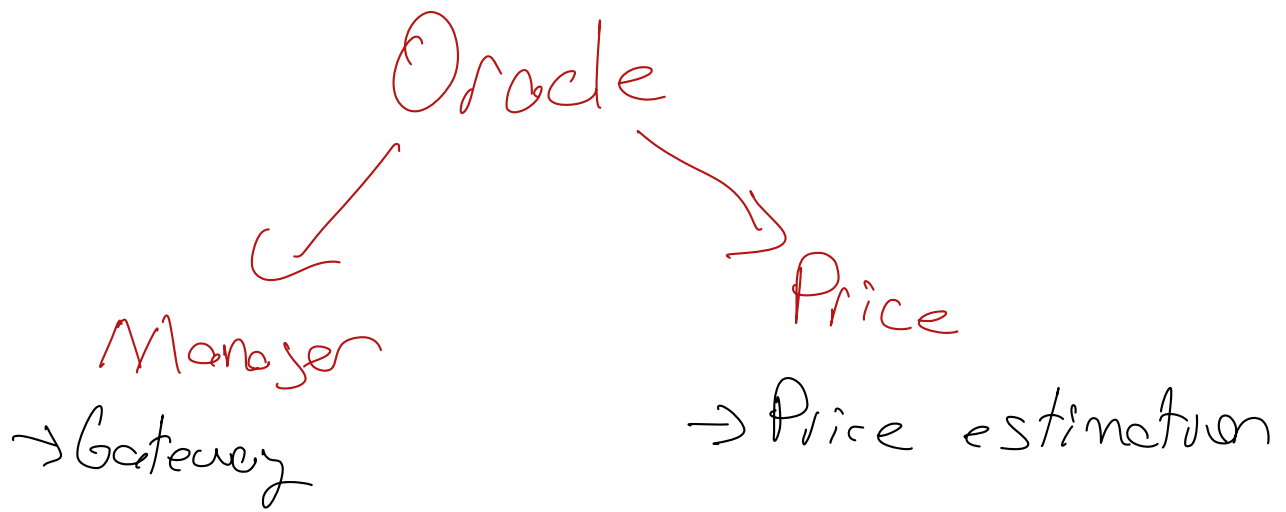
Miner ⇒ Trasectionları listeleyerek yeni bir block üretiyor. Chain'e offer ediyor.
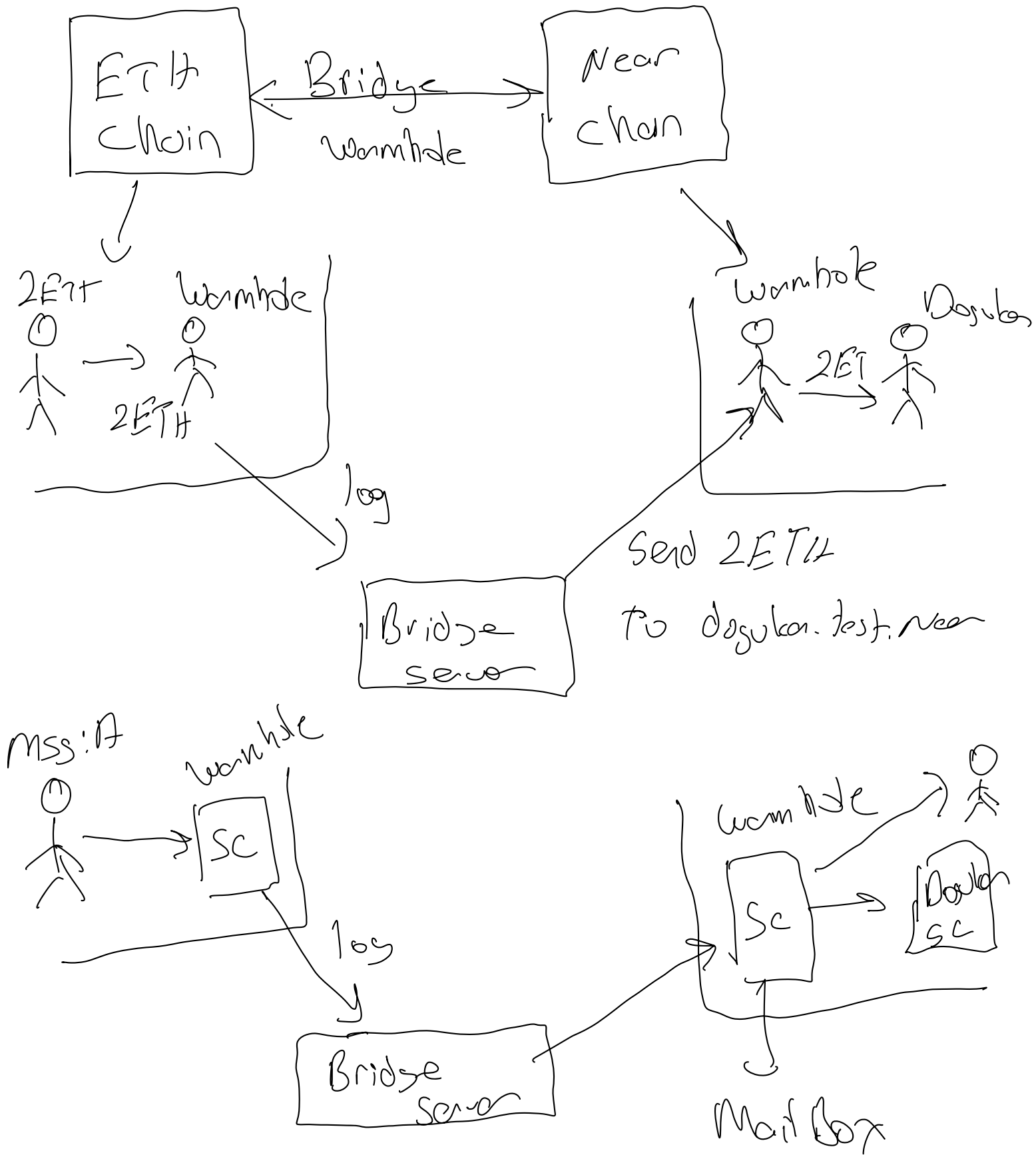
Full Node ⇒ Blockları doğruluyor.

Light Node ⇒ İzleyici gibi, kordinasyon kontrol ediyor.

Mempool :

Network
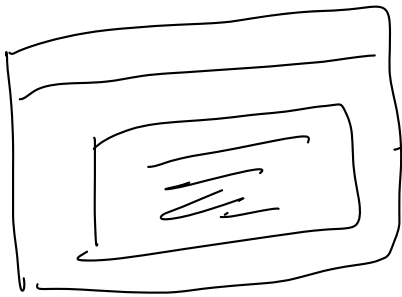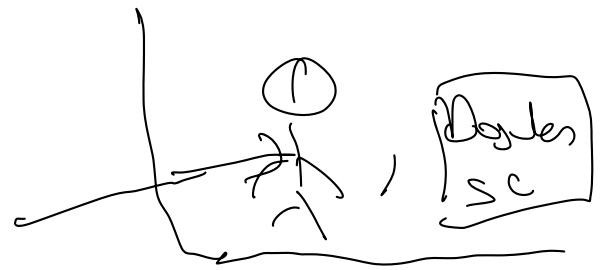
Dosu B

| FN₁ | ..... | FNₙ |

Trasection

1 → 2 → 3
→ 5

Alım B
1 → 2 → 4
→ 5

Alım

Mempool

Oracle

Oracle → Manager
→ Gateway

Oracle → Price
→ Price estimation

ETH Network

Oracle SC → LP

Admin

interest rate = can be changed by Oracle

Bridge

ETH Chain ← Bridge → Near Chain
Wormhole

2ETH → 2ETH (Wormhole) → log → Bridge Server → Send 2ETH to dogukan.test.Near → Wormhole → 2ET → Dogukan

Mss:A → SC (Wormhole) → log → Bridge Server → SC (Wormhole) → Dogukan SC
Mail Box

Doyles
SC

byte code →

ETH Chain

transaction
(byte)

0xsbc

ETH Node
byte
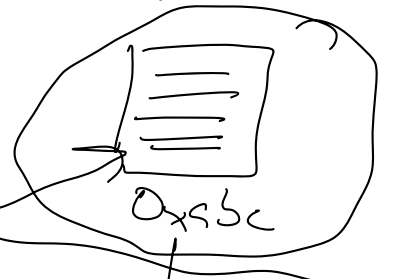
VM

Contract Test {

  String memory testData = '1';

  function change () external {
    testData = '2';
  }
}