① **"Silicon Valley"** Series "you are not paying you are product."

DATE: / /

PAGE NO. :

DBMS, Data structure, My language

Administor, App building

2 # 24 Jun 2022

Resume

Why Blockchain

1) Trust
2) Cost of bank fees
3) immutable data
4) Hospital
5) 1992 - Nick Szabo
6) 1994 - 2000 bubble.com
   making website for more company

Web 1 - Read data
Web 2 - Read, Write   ex - Review
                              Orkut, Facebook
        2004 - Facebook
        2005 - Youtube

○

Meta - Facebook → AR/VR, AI, Blockchain

Web 3 - Marketing / New Internet

Node - Node → P2P

" Silicon Vally web series

② Networking → topology, TCP IP layers, protocols
                    (IP, TCP, UDP, SMTP) "

NSA → National Security {Jack Dorseya} →

Assingment
① Silicon Valley web series
② Networking
③ HTML / CSS
④ Basic of Blockchain
⑤ Basic of Btoct Javascript
⑥ Adv JS
⑦ Node JS
⑧ Blockchain Serict

Web2 + Web 3 = | Web 5 | Idea
⇈   ⇑
Google   Blockchain

          user | Permission
          (Paid) Reward
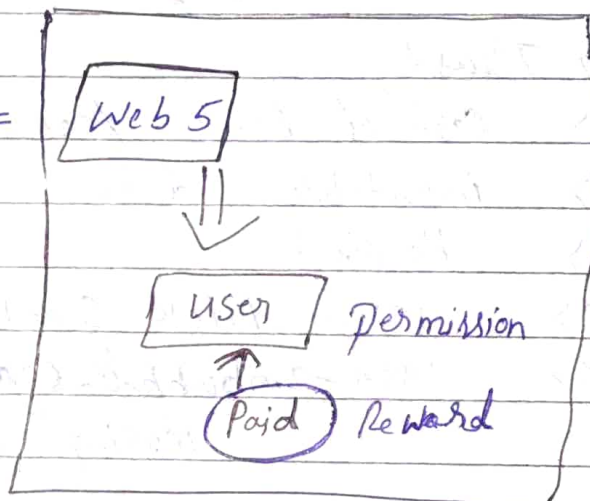
What is Blockchain ?
   Continous growing list of rewards (block) →
                                              Some propos
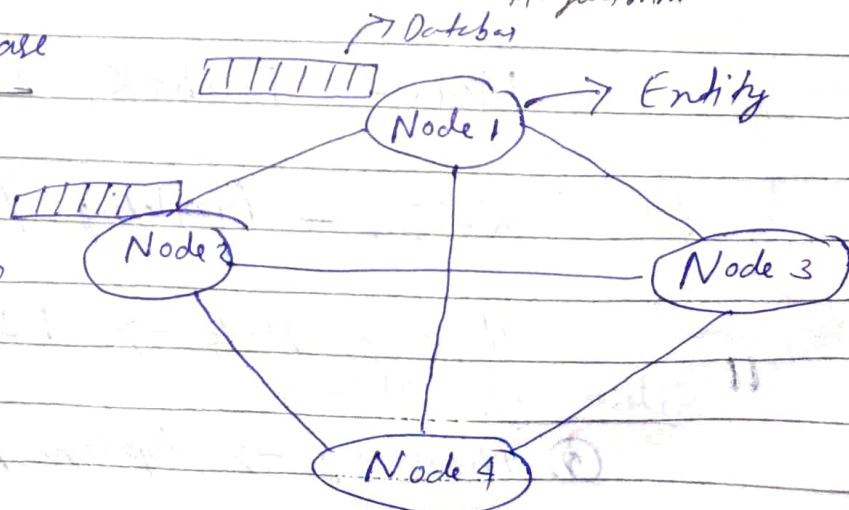
Propertiy

① Blocks are cryptographically linked (SHA 256) {NSA}[14]
② Decentralized   ⇓
                                        Algarithm
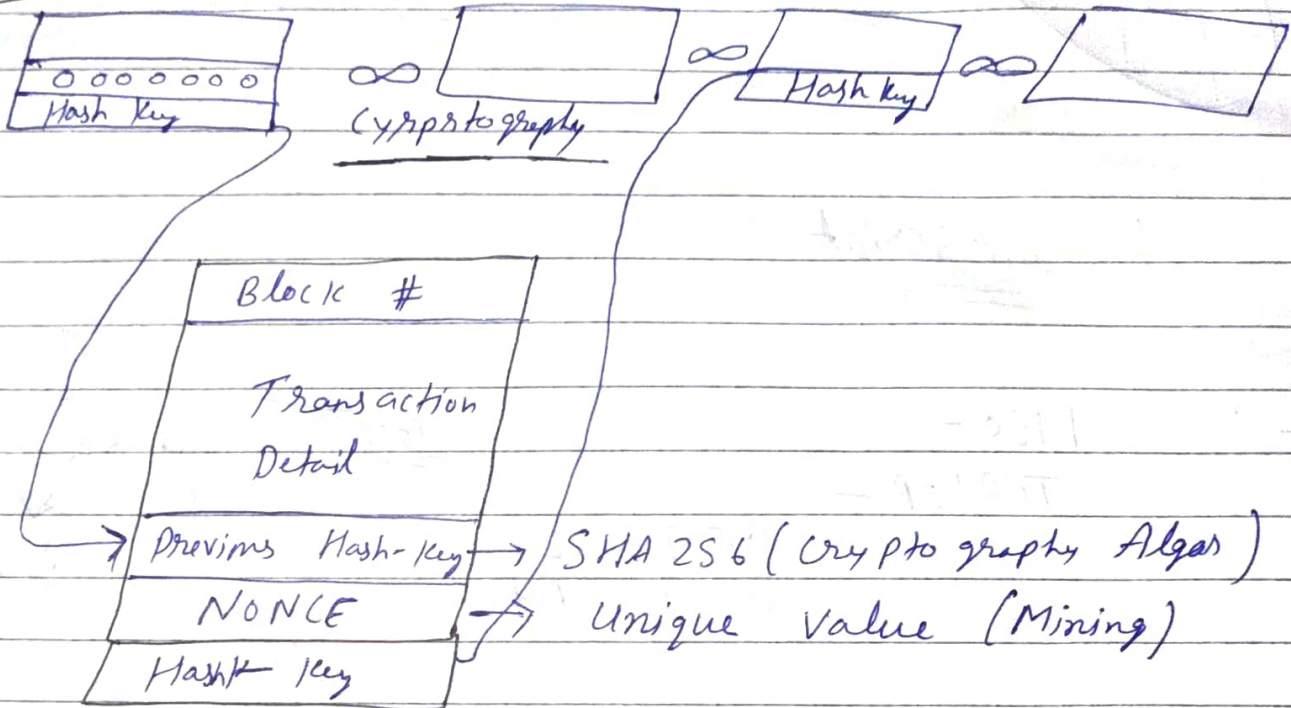③ Distributed Database   ↗ Databas
                                  |‖‖‖‖| → Entity
                                      (Node 1)
④ Immutable ledger |‖‖‖|
   "Sucusfully transaction   (Node 2)   (Node 3)
      not changu"

                              (Node 4)

③ Grenesis block means first block
Nonce — Number only used once

Mining →

Architecture

| Block # |
| Transaction Detail |
| Previous Hash-Key → | SHA 256 (Cryptography Algor) |
| NONCE → | Unique Value (Mining) |
| Hash Key |

"Blockchain demo github" → Anders 94

[Hash - 64 bits] all key change

(SHA256)

64 characters → 64 × 4 = 256

Data → Hash key

Hash key → Data ⟹ (No)
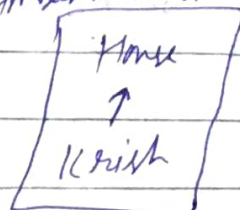
One Way Cryptography

[51%] (Hack)

(example) House ⟹ Registration ⟹ Government
Ambani House   ⇓
[House ↑ Krish] → [Database]