

admin

↳ vi id  
vi pass  
—

} admin

↳ hd id  
dth id  
dth hd pass  
2

↳ ga id  
ga pass

↳ kx id  
kx pass  
—  
↳ vi id  
vi pass  
5

↳ Hr id  
hr id ~~delete~~  
6

---

Shabdi  
gani·rath  
Karnavati  
~~ragdhani~~ dhanraj

↳ ch ; d  
↳ ch id

7

## Server

socket()

bind

listen

accept

service\_cli(sock)[child].

read(choice)

1 login    2 signup    3 break();

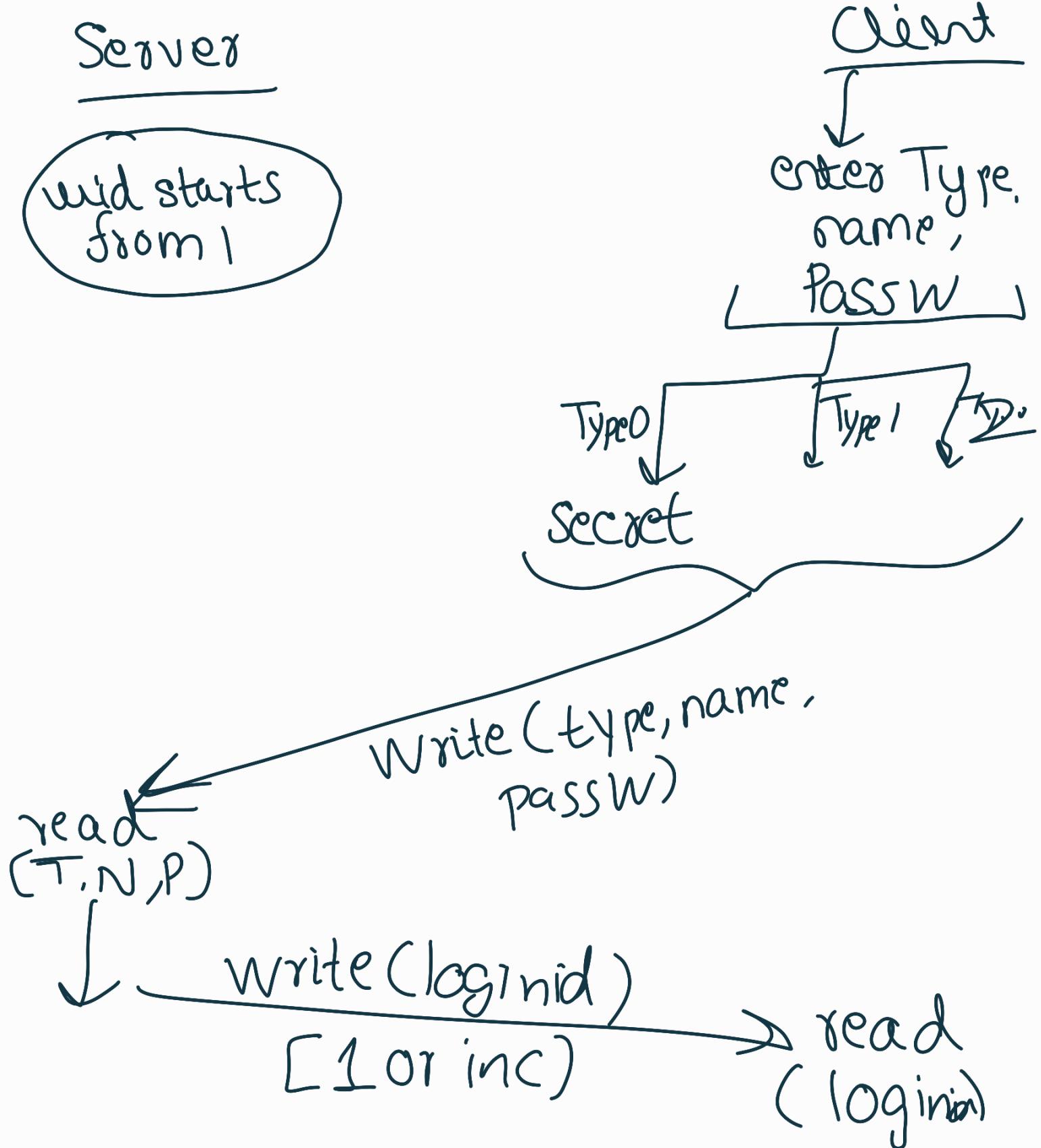
## Client

socket

connect .

write(choice)

# Signup [add into User DB]

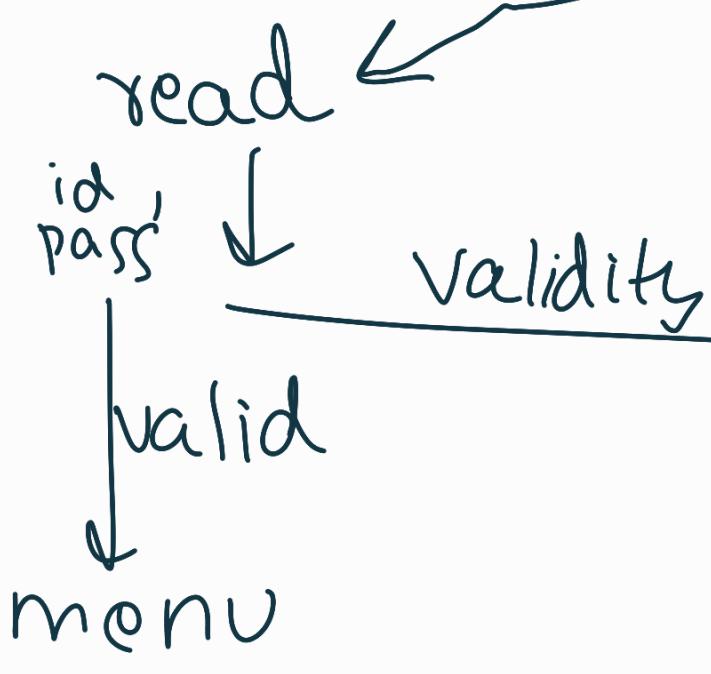


# Login

Server

Client

write  
(id , Pass)



read

menu()

admin | agent

↳ unlock before showing menu  
Show menu

^ from multiple terminals

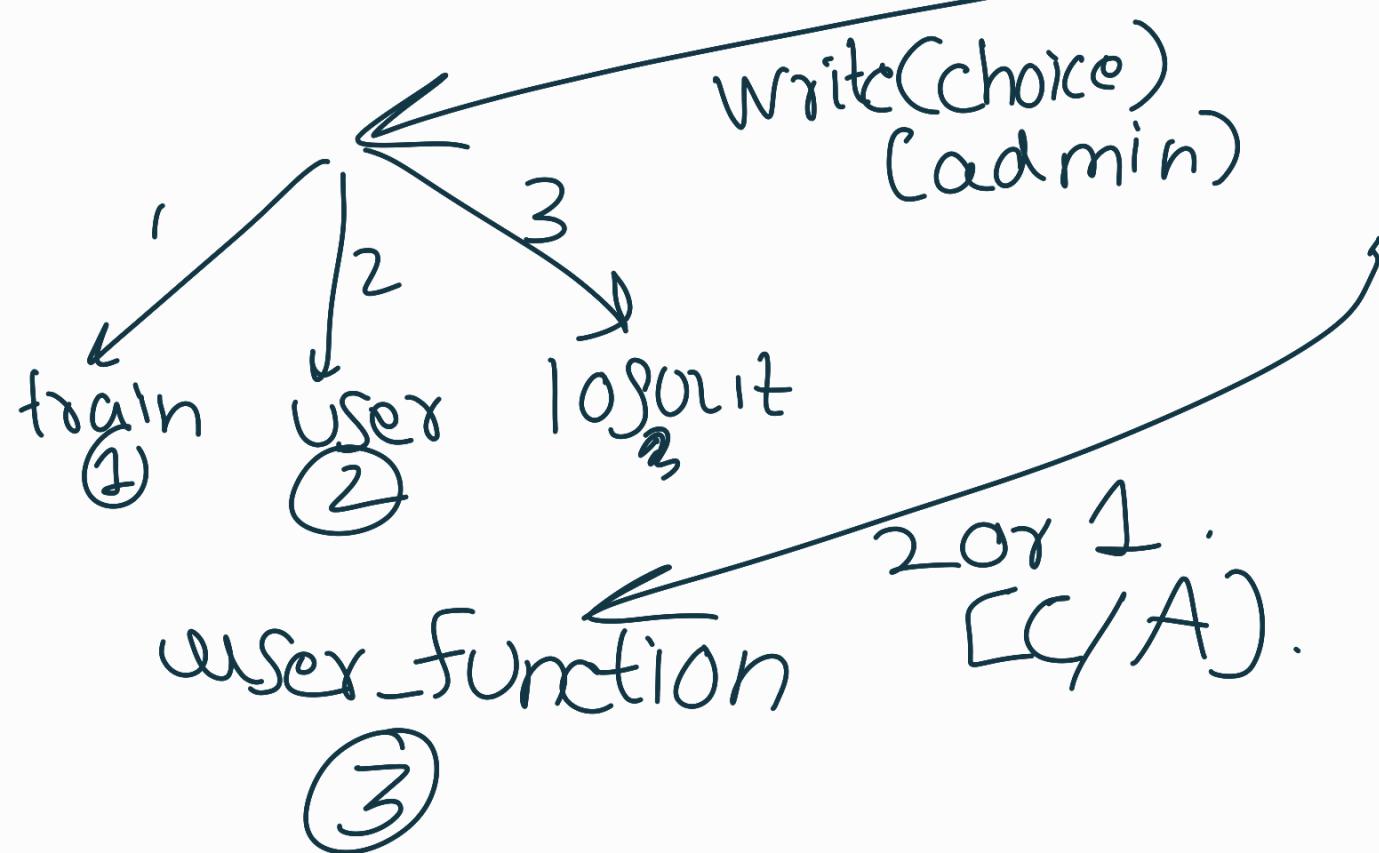
customed

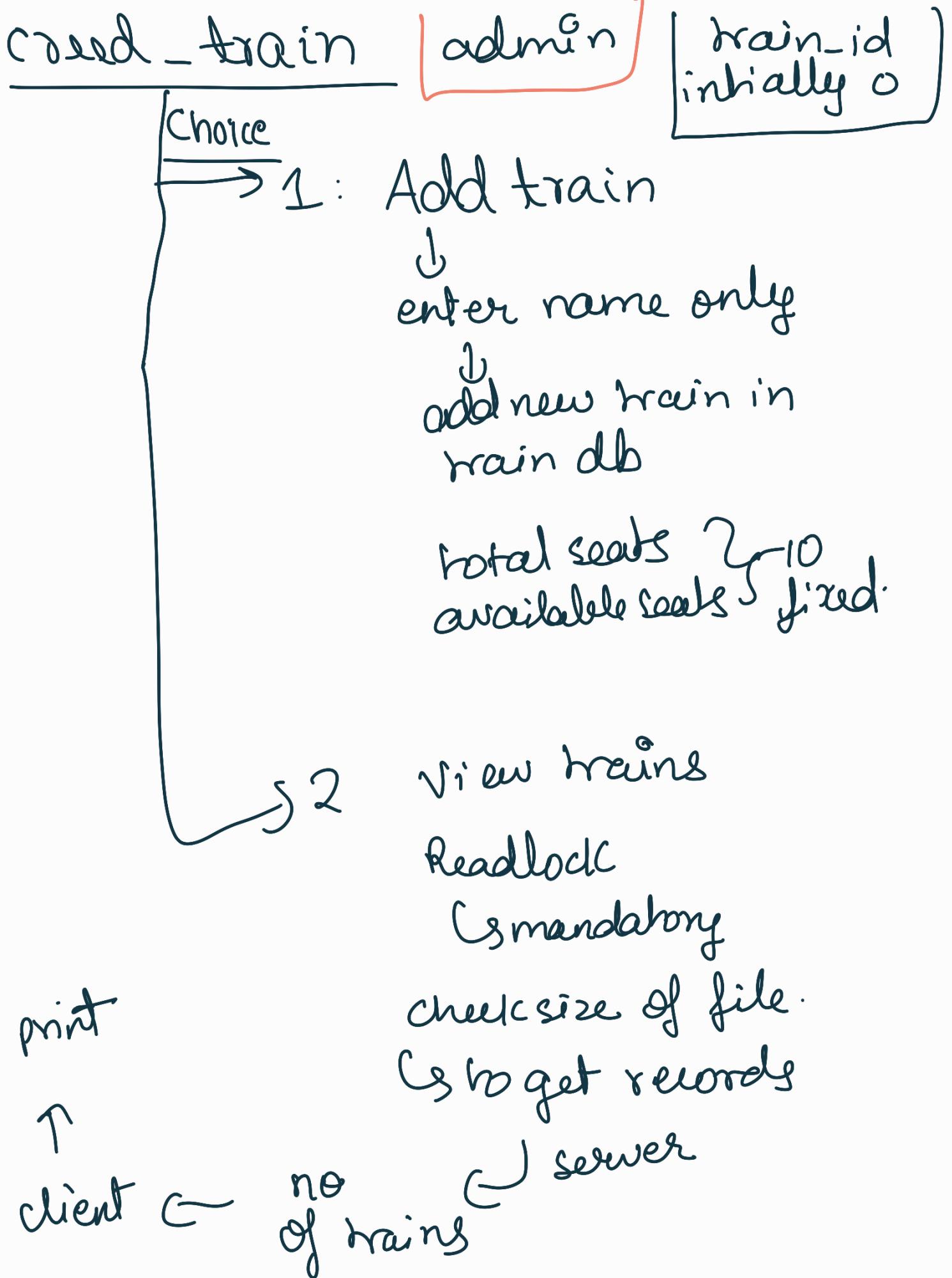
↳ unlock after showing menu  
Show menu - from single terminal

menu()

Client

Server





update  
in  
train  
db

3. Update train from client

client ↑  
get tid

do

record locking

1 train name  
2 update total seats  
old name/seats  
new name/seats

update  
train db

deleted  
flag

4 delete train  
client  
gives  
server  
tid  
record  
locking

Crud user Type, id, pass.

User  
login.id=1

↳ Add user

① same

# Web operations

↳ 1 book ticket

↳ train db

↳ booking db

is general



seems personal served ↳ tid



booking ↳ lock train not general

client

served ↳ give seats



check bid  
check seats

② lock booking

update booking db

unlock booking db

update seats in train db

unlock train db

