Car Rental System

"Make a car rental system like zoomcar"

Rough Flow
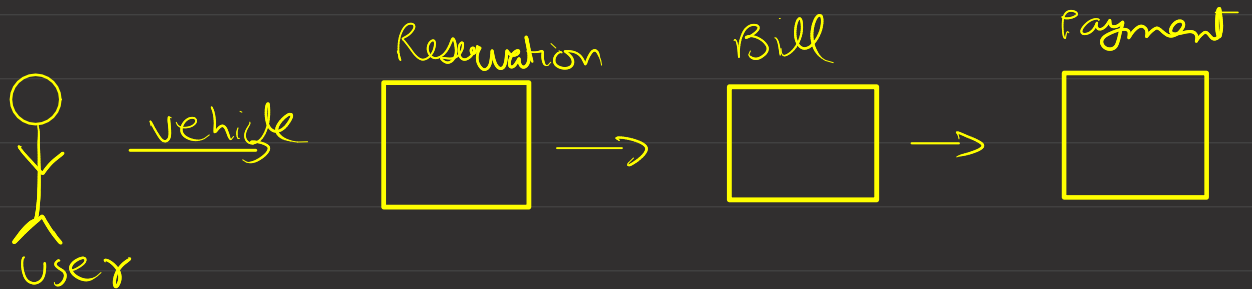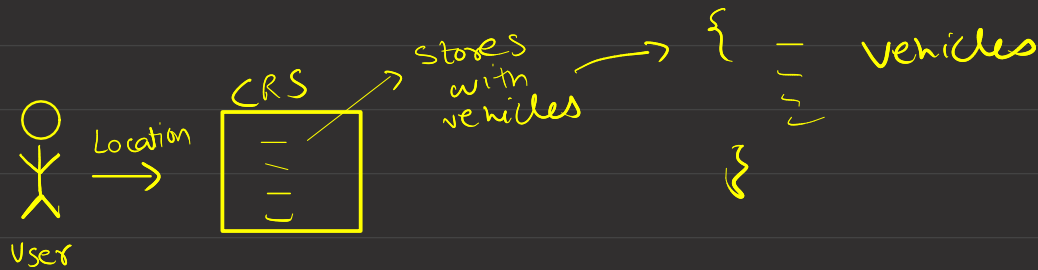
Requirements Clasification	Objects
1 Do we have only 1 type of vehicle? → NO	User→ Chooses vehicles & pays bills
2 User's location matters?	Location→ To mark the location
3 Cost Calculation basis → Hours/days etc	Store→ These have all vehicle listings & also the booked ones
4 Store Capacity	Reservation→ Reservation done by user
	Bill→ Purchase payment→ Bill payment

Reservation

id
vehicle : vehicle
user : User
Status : Status

Location

Lat : number
Long : num

Store

id
location : Location

reservations : Reservations [ ]
name : string
bills : Bill [ ]
Vehicle Inventory Management

Vehicle Inventory Management

Map <id, vehicle>

CRUD (vehicle

Vehicle

id : string
Vehicle no : string
CC : number
Status : {Active, inactive}
type : {CAR, BIKE}
reserved : boolean
t ---

Bike Inventory

Car Inventory

Bike

Car

Bill

id
reservation : Reservation
Payed : boolean

User

id : string
name : string
License : string
bills : Bill [ ]

Car Rental System

stores : Stores [ ]
users : Users [ ]

CRUD