Hackathon

Day : 01 " laying the foundation for "
your marketplace Journey

Step : 01 " Rental E-Commerce "

" Rental e-commerce refers to an online platform
or popular marketplace where individuals or
businesses can rent products or services instead
of purchasing them. It allows users to specific duration
by paying a fee, through a digital platform or app
This model is used infrequently, or have a short
usage cycle, such as vehicles, furniture, fashion
items, tools, cars and equipments. "

" **Types & keys of Rental E-Commerce** "

=> (P2P) Peer-to-peer rental platforms.
=> (B2C) Business to Consumer rental platforms
=> Subscription-Based rentals.
=> On-demand rentals.

" Flexibility , Cost-effectiveness , Sustainability
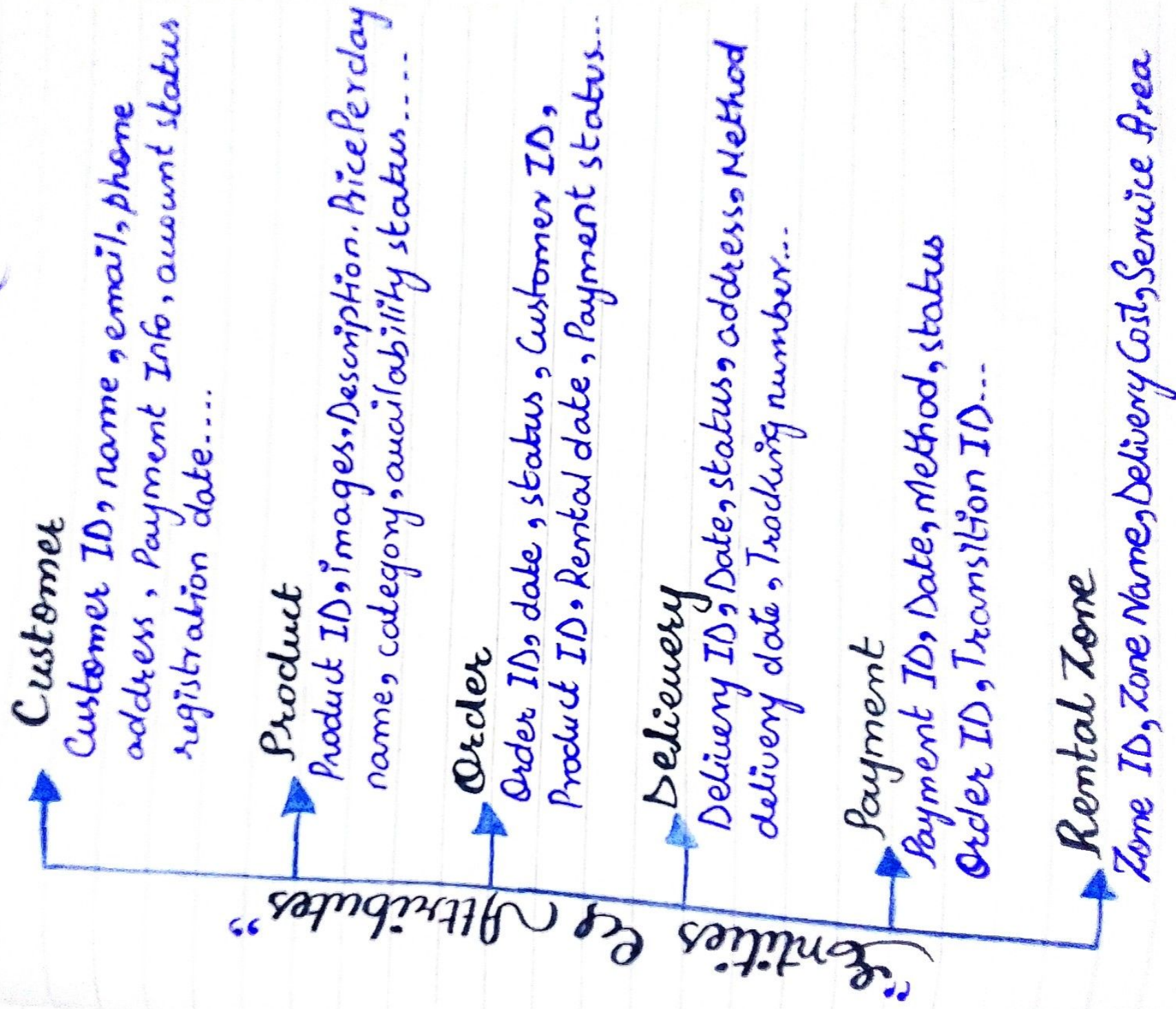Convenience , Diverse Inventory "

Primary Purpose Of Rental ep-Commerce

"The main purpose of rental e-commerce is to provide efficient, cost-effective, and sustainable access to goods and services for consumers. It make it easy for people to use things they need without having to buy them. Rental e-commerce helps people get what they need conveniently and affordably, while also being better for the environment."

Step : 02 "Define Your Business Goals"

* A rentale-commerce marketplace aim to solve the problem of high cost and limited access to items people only needs temporarily. It help users save money, avoid the hassel of ownership, and promotes sharing and reusing products. Budget-concious, Environmentally concious. people who need items temporarily. what set us apart - affordability, variety, convenience, sustainability------

Step : 03 "Create a Data Schema"

Customer
Customer ID, name, email, phone
address, Payment Info, account status
registration date....

Product
Product ID, images, Description, Price Perday
name, category, availability status....

Order
Order ID, date, status, Customer ID,
Product ID, Rental date, Payment status...

Delivery
Delivery ID, Date, status, address, Method
delivery date, Tracking number...

Payment
Payment ID, Date, Method, status
Order ID, Transition ID....

Rental Zone
Zone ID, Zone Name, Delivery Cost, Service Area

"Entities & Attributes"

Hackathon - 2025

→ Day:02 (Planning the technical foundation)

Users → Frontend (Next.Js) → Third Party APIs → Payment Gateway

Frontend (Next.Js) → Sanity (cms) → Third Party APIs → Shipment Tracking APIs