

HLD .

Purpose .

* Preliminary Design:

- size of project

- identify risky or time consuming.

* Design Overview:

→ how the sub-system & its components are going to fit together.

* - complete view of system.

- of breaking down into smaller pieces.

- maintenance cost

-

High level Design.

- database Architecture

- application - 4 - (layer).

- App" flow. (navigat").

- security archi - - -

- technology - ! -

Design Overview .

- changes needed

Consider → significant commercial legal, environmental, security, safety, technical risks, issues, assumptions.

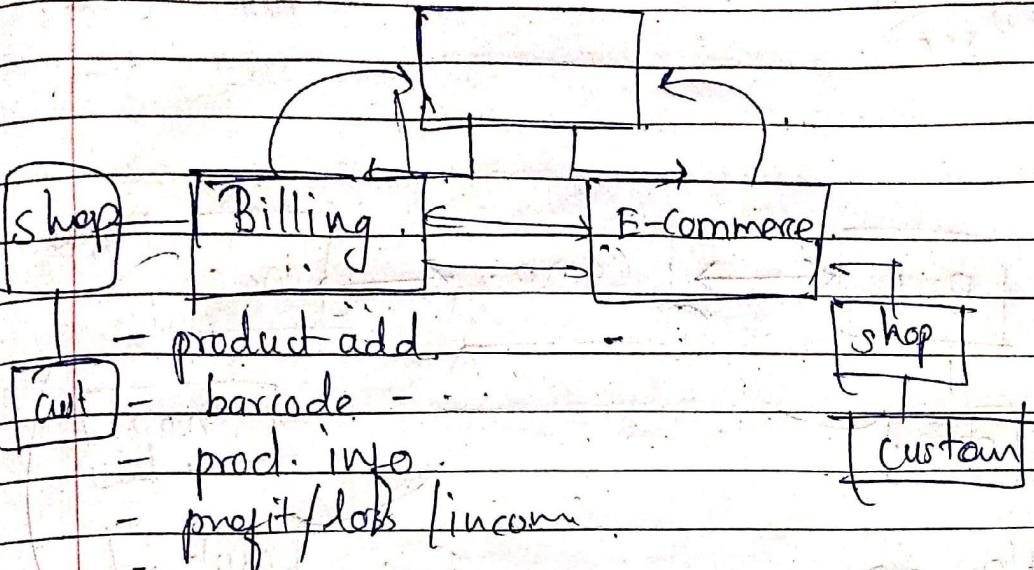
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① kletsite
② App.

PAGE NO.

DATE

* Design Overview :



→ kletsite

- shopkeeps data → Barcode / id, . . . dB
- stock, quantity, price, original, discount, profit, loss,

data fetching. → from server for each particular shopkeeper information update, availability. Server *

E-commerce

- products details.
- I seller list → to end user.

choose location → & select

→ book

→ delivery

Bill

shopkeep

Barcode →

- details
- purchase
- supplier
- price
- disc price
- brand

customer.

X Y Z

Customer

Billing

Booking
olding

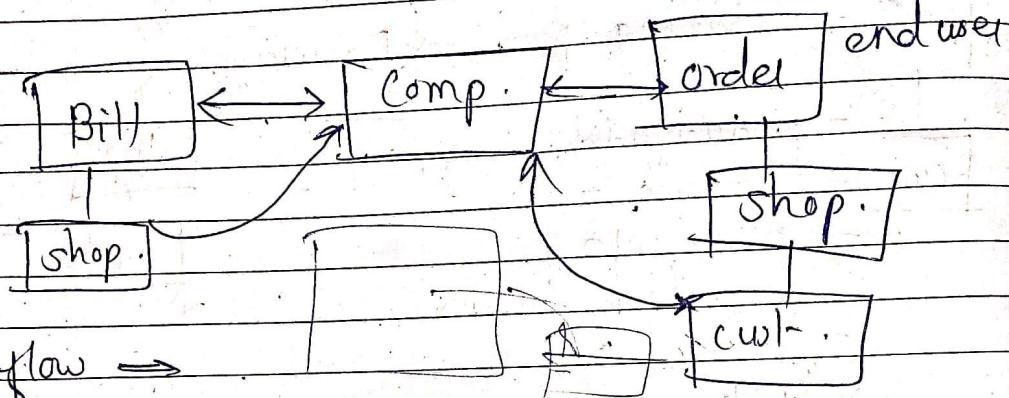
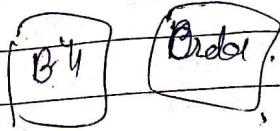
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PAGE NO.
DATE.

* DB architecture :-

- Item-id → Request.
- barcode no.
- Price.

Company



@ Working Algorithm: MongoDB.

N. ① Barcode Machine → Billing → Barcode RTT
② Barcode RTT → ctrl

1. Barcode
2. Steps
① Shop
② Scan
③ Save
④ gen
⑤ Now
⑥ shop
⑦ Deliv
⑧ to ex
⑨ to

① Barcode generate.

(a)

Step

- ① Shop owner keep products & scan all products (photos) using smartphone
- ② Save information of the product using pc generating barcode
- ③ print Barcodes using pc
- Now users can request for the product.
- Shop keeper and our system response the user req.
- Delivery we send delivery boy to the shop.
- Delivery boy know product and give it to user.
- Delivery boy carry cash and give it to user.

