

# Technical foundation

## Business Needs

These measures are very important for business

(i) scalability

(ii) Performance

(iii) Security & Compliance

## E-Commerce website

Frontend  
Backend

Next.js  
Sanity

Web pages : Home, product (Furniture collection)  
Product detail page, about page, cart page  
and checkout page, order confirmation, FAQ  
and contact.

## Web workflow

- \* Fetch the Data with external API and store in Sanity
- \* When user comes sanity will displayed data.

## Product browsing

- \* User will go to product page where displayed chairs, sofas and other furnitures items.
- \* Select any product when he/she selected another page will be open called product detail page.

## Add to cart and checkout process

User can see an add to cart button when he/she clicks her/him information will save on the cart.

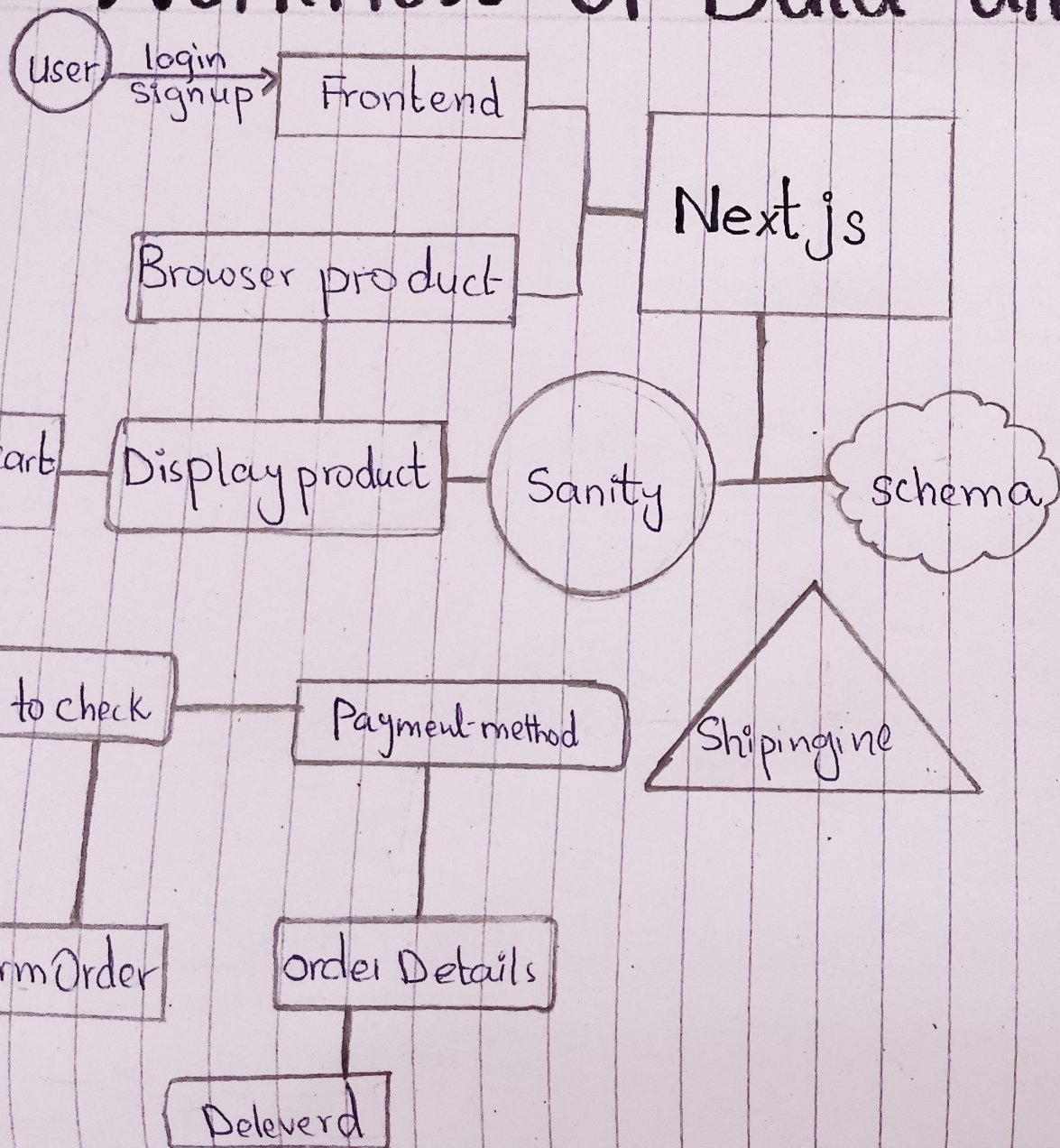
## Payment and order processing

- \* User will put their details when payment has been received a request sent by shipment-API.
- \* Shipment-API confirm order



# Workflow of Data and User

(Day 2)



```
Product {
  "Productid" : "string"
  "name" : "string"
  "decription" : "string"
  "price" : "number"
  "imageurl" : "string"
  "stock" : "number"
  "Size" : ["big", "small", "large"]} }
```

```
Order {
  "order" : "string"
  "Customer id" : "string"
  "customer name" : "string"
  "location" : "string"
  "items" : ["i details"]} }
```

```
Customer {
  "customer id" : "string"
  "name" : "string"
  "phone-no" : "number"
  "address" : "string"} }
```