Technical Architecture For Furniture
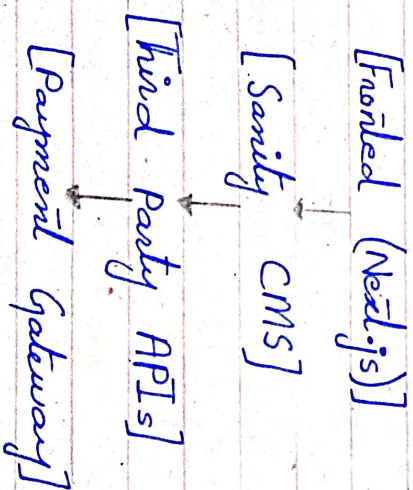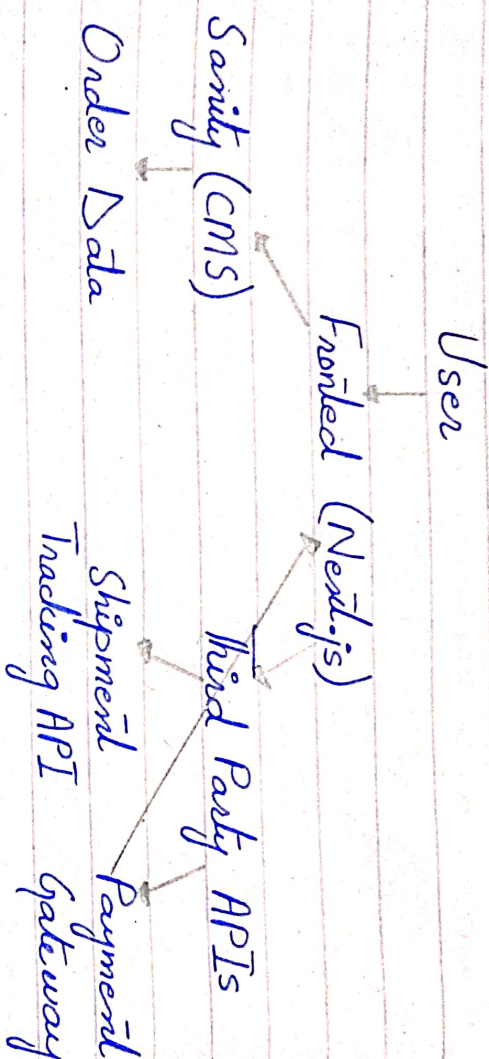
User

Frontend (Next.js)

Sanity (CMS)

Order Data

Third Party APIs

Shipment-Tracking API

Payment Gateway

[Frontend (Next.js)]

[Sanity CMS]

[Third Party APIs]

[Payment Gateway]

[Visit Home Page]

[Browses Products]

[Views Product Details Page]

[Add Product to Cart]

[Proceeds to Checkout]

[Completes Profile & Payment Details]

[Order confirmation]

[Tracks shipment]

[Receive Delivery at Home]

ER Diagram

Customer
- Customer_ID
- Name
- Email
- Address
- Phone

Customer Order Relationship

Order
- Order_ID
- Order_Data
- Total Amount
- Status
- Product_ID
- Customer_ID

Order-Order Item Relationship

OrderItem
- OrderItem ID
- Quantity
- Subtotal
- ProductID

Customer Payment Relationship

Payment
- Payment_ID
- Amount
- PaymentData
- Status
- Customer_ID

Product
- Product_ID
- Name
- Price
- Description
- StockQuantity

Product-Order Item Relationship