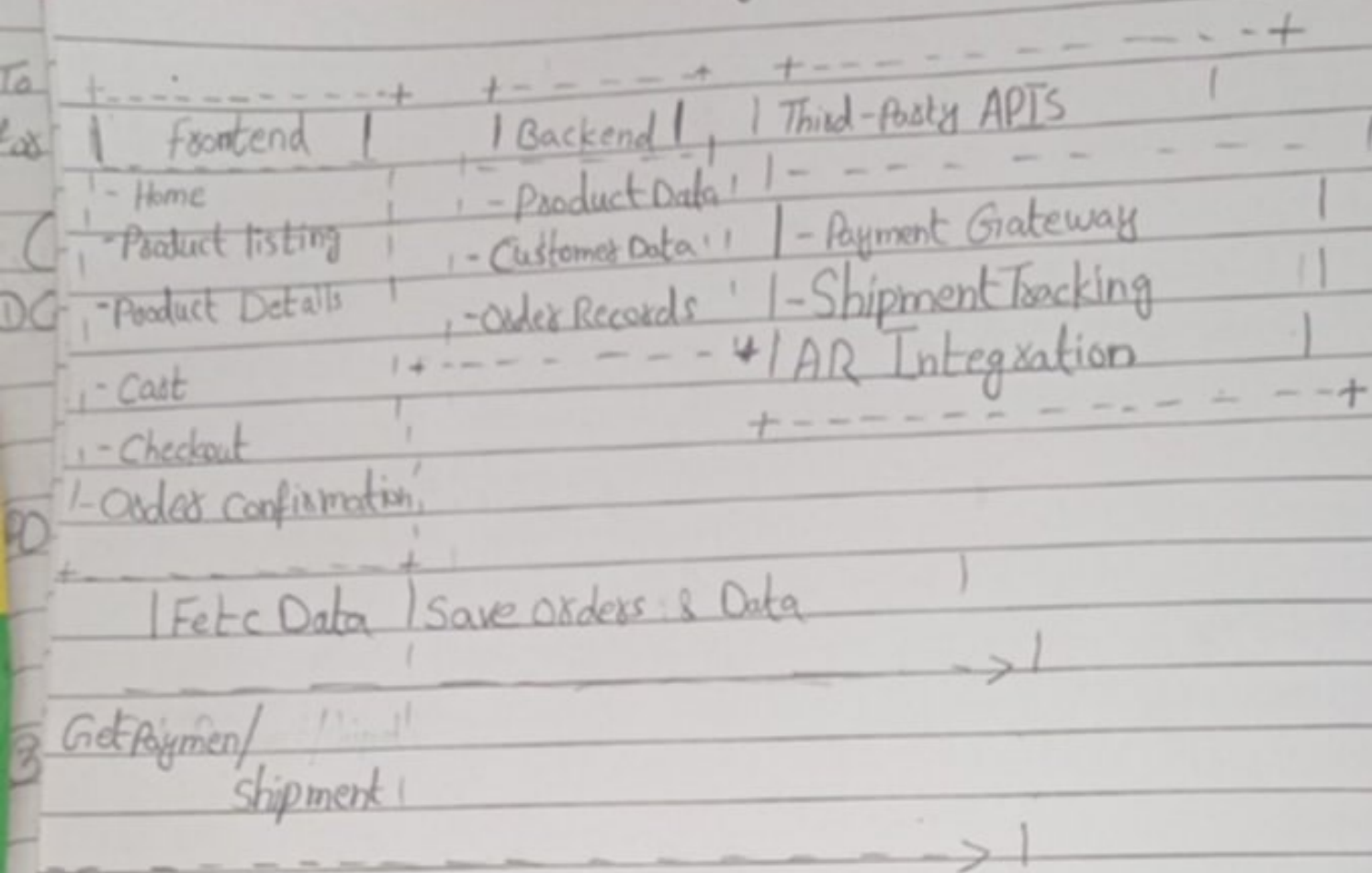


Technical foundation for my Furniture Marketplace



Details

- Frontend Built with Next.js for responsive pages.
- Home, Product Listing, Product Details (with AR integration), Cart, Checkout and Order Confirmation.
- Backend (Sanity CMS):
Manages:
 - Product Data (e.g., Name, Price, Materials, Stock).
 - Customer Data (e.g., Name, Address, Contact Info).
 - Order Records (e.g., Items, Total, Payment Status).

Third-Party APIs:

- Payment: Use Jazzcash, easypaisa or any bank.
- Delivery: Integrate with TCS, Leopards, Truckit M&P Express.
- AR: Implement Three.js for furniture visualization.

User Feedback:

- Collect Feedback: Only from verified customers.
- Track order Id. Require an order Id with Feedback to confirm it's from a real transaction.
- Spot Patterns:
Ignore duplicate or overly generic feedback that seems automated.

Sanity Schemas

Date _____

[Product Schema]

- [Fields]

- Name
- Price
- Material
- Size
- Color
- Stock
- Image

[Customer Schema]

- [Fields]

- Name
- Email
- Phone
- Address

[Order Schema]

- [Fields]

- Customer
- Items
- Total Amount
- Order Status

[Shipment Schema]

- [Fields]

- Order
- Courier
- Tracking Id
- Shipment Status
- Estimated Delivery Time

Workflow Outline-

- Frontend:

• Pages:

- Home page display featured categories and best selling products
- Product Listing Page
 - Allow filtering by price, size, material and color
- Product Details Page: Product descriptions, images, AR visualization and customization options.

- Cart page: Shows selected items, quantity and price.
- Checkout page: Collect delivery address, Phone number and payment options.
- Order Confirmation page: Provide order summary and tracking link.

- Backend (Sanit CMS):

- Manages:
 - Product
 - Customer data
 - Order records.

- Additional Features:

- Search Bar: Users can search products with name or category.
- User Authentication: Login and registration system for personalized experience.
- Promotions: Display discounts and offers on the homepage and checkout.

API structure: /api

Date: _____

└ /users

└ GET /users/:id --> Fetch user details

└ POST /users/register --> Register new user

└ POST /users/login --> User login

└ PUT /users/:id --> update user profile

└ /products

└ GET /products --> Fetch all products

└ Query: Category, Price Range ^{search}

└ GET /products/:id --> Fetch a single product

└ POST /products --> Add a new product (seller only)

└ PUT /products/:id --> Update a product

└ DELETE /products/:id --> Delete a product

└ /orders

└ GET /orders

└ Query: status (e.g., pending, shipped)

└ GET /orders/:id --> Fetch details of a specific order

└ POST /orders --> Create a new order

└ PUT /orders/:id --> update order status

└ /categories

└ GET /categories --> Fetch all categories

└ POST /categories --> Add a new category
(Admin only)

└ DELETE /categories/:id --> Delete a category

