"Marketplace Technical Foundation"

Day 2 Task: Enhanced Furniture & Decor Marketplace – Planning Document

Day 2 ka Purpose (Maqsad)

Day 2 me hume apne project ki features ko plan karna hai aur unke liye ek **structured workflow aur database schema** tayar karna hai jo naye features implement karne me madad kare. Har cheez ko simple aur user-friendly design ke sath enhance karna hai.

Day 2 ke Key Goals

1. Naye features jaise **Payments**, **Order Tracking**, **Customer Reviews**, aur **Return Policy** ka workflow aur structure banana ha.

2. **Navigation bar** ke har item ko alag pages ke sath link karna.

3. Dynamic components aur responsive design ka plan tayar karna.

4. Har feature ke liye **flowcharts aur diagrams** create karna jo implementation ko asaan banaye.

Features aur Unka Workflow

1. Payment System

- **Feature**: Multiple payment options add karna (Cash on Delivery, Bank Transfer, aur Credit Card).

- **Kaise Kaam Karega?**

  o Cart page se checkout karte waqt user payment method select karega.

  o Payment process hone ke baad confirmation message aur receipt show hogi.

Flowchart:

Add to Cart → Proceed to Checkout → Select Payment Method → Process Payment → Order Confirmed

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2. Order Tracking

- **Feature**: Har order ke liye shipment tracking ka option.

- **Kaise Kaam Karega?**

  o User ko order place karne ke baad ek tracking ID milegi.

  o Shipment status real-time update hoga aur user "Track Order" page par dekh sakega.

Flowchart:

Order Placed → Tracking ID Generated → Shipment in Transit → Delivered

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3. Customer Reviews

- **Feature**: Har product ke liye reviews aur ratings ka option.

- **Kaise Kaam Karega?**

  - Sirf woh users jo product purchase kar chuke hain, review de sakenge.

  - Reviews aur ratings product page par show honge.

Flowchart:

Purchase Product → Submit Review → Admin Approves → Review Published

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4. Return Policy

- **Feature**: Easy aur hassle-free return option add karna.

- **Kaise Kaam Karega?**

  - User "My Orders" page par jaake return request karega.

  - Admin request ko approve karega aur process initiate karega.

Flowchart:

Request Return → Select Reason → Admin Approval → Refund/Replacement Issued

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Unique Additions

1. **AI-Based Product Recommendations**: (ye optional ha just ek idea k lie likha ha)

   - AI user ke browsing history aur preferences ke base par recommendations suggest karega.

2. **Dark Mode & Accessibility Features**:

   - Har page ke liye dark mode aur screen-reader compatibility add karna.

3. **One-Click Checkout**:

   - Frequent customers ke liye one-click checkout ka feature jisse unki saved details use hongi.

Implementation Steps

1. **Navbar Improvements**:

   o Navbar ke har item ke liye alag category pages banana (e.g., /tableware/crockery/cutlery. etc.).

   o Mobile aur desktop view ke liye responsive banana.

2. **Dynamic Product Pages**:

   o Har product ke liye alag page jo dynamic ho aur Sanity CMS se data fetch kare.

3. **Payment Gateway Integration**:

   o Payment methods implement karne ke liye Credit Card, COD, and Bank Transfer use karna

4. **Shipment Tracking API**:

   o Shipment ke status ke liye real-time updates provide karna

5. **Return Requests**:

   o Return requests ka backend logic aur admin panel design karna.

Arrow-Based Structured Flow Diagrams

Home Page → Browse Categories → Select Product → Add to Cart → Proceed to Checkout → Payment → Order Confirmation → Shipment Tracking → Leave Review/Request Return