

# Hackathon 03 Day 02:

## DAY 2 PLANNING THE TECHNICAL FOUNDATION

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### 1. Technical Requirements

#### Frontend Requirements:

**User-Friendly Interface:** Easy navigation for browsing and purchasing products.

**Responsive Design:** Optimized for mobile, tablet, and desktop users.

#### **Essential Pages:**

**Home Page:** Display featured products and categories.

**Product Listing Page:** List all products in a category.

**Product Grid Page:** Grid all products in a category.

**Product Details Page:** Detailed product descriptions, images, pricing, size, quantity and reviews.

**Cart Page:** Summary of items added to the cart.

**Checkout Page:** Secure payment and shipping details.

**Order Confirmation Page:** Show order summary and confirmation.

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**Sanity CMS as Backend:**

**Product Management:** Store details such as name, price, category, stock, and images.

**Customer Records:** Maintain user profiles and order history.

**Order Management:** Track order status and shipping details.

**Third-Party APIs:**

**Payment Gateway Integration:** PayPal for secure payment processing.

**Shipment Tracking API:** Integrate APIs like Shippo for order tracking.

