

Hackathon 03 Day 02:

DAY 2 PLANNING THE TECHNICAL FOUNDATION

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 with filters and sorting.

Product Details Page: Detailed product descriptions, images, pricing, 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.

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: Stripe or PayPal for secure payment processing.

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

2. System Architecture

