



DAY 2 PLANNING THE TECHNICAL FOUNDATION



Hackathon 3 Day 2

HACKATHON 03 DAY 02

Nike Clothing Marketplace Technical Foundation

Goal:

Transition from business-focused planning to technical implementation for a seamless user experience on Nike/Clothing marketplace.

1. Technical Requirements:

Frontend (next.js)

Responsive pages: Home/product detail/ category, Cart, Checkout.
Focus on user-friendly.

Backend (Sanity CMS)

Product data, customer details, and order management.

Dynamics Schemas for product (name, price, size, stock, image).

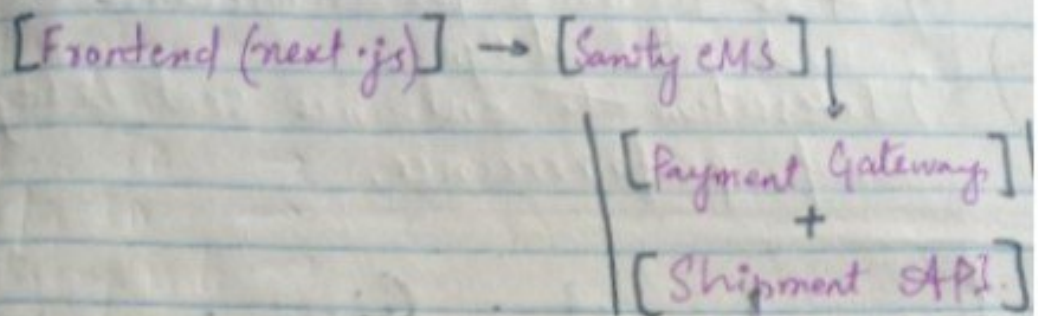
APIs:

- Payment gateway (stripe/paypal)
- Real time shipment tracking API:

Hackathon 3 Day 2

2

2. System Architecture:



3. API Requirements:

Get / products
post / orders
Get / shipments.

4. Technical Documentation:-

- System Architecture Diagram: Clear visualization of data flow.
- API Specifications: Endpoints, methods, and sample responses.

Sanity Schemas:-

```
export default {  
  name: 'Product',  
  type: 'document',  
  fields: [  
    { name: 'name', type: 'string', title: 'Product Name'  
    },  
    { name: 'description', type: 'text', title: 'Product Description'  
    },  
    { name: 'price', type: 'number', title: 'Product Price'  
    },  
    { name: 'category', type: 'string', title: 'Product Category'  
    },  
    { name: 'image', type: 'image', title: 'Product Image'  
    },  
    { name: 'status', type: 'string', title: 'Product Status'  
    },  
    { name: 'created_at', type: 'datetime', title: 'Created At'  
    },  
    { name: 'updated_at', type: 'datetime', title: 'Updated At'  
    }  
  ]  
}
```


Hackathon 3 Day 2

5. Collaboration:

- *) Peer feedback for architecture and API design.
- *) Iteration to enhance scalability and performance.

Next Step:

Proceed to Day 3 for frontend & backend implementation using the defined blueprint.