

Participant: Ahmer Ali

Session: Saturday (2PM – 5PM)

Roll Number: 00037414

Hackathon 3

Day 2 Task

This is an E-commerce marketplace project "Hekta". This platform will resolve the problems of online delivery of furniture, the customer will get comfortable furniture within 2 days of their online order.

1. Frontend:

The interface will be user friendly and responsive for all screens.

Essential pages include Home, Shop, Product, Pages, About, FAQ, in addition to this, Cart and Shop Now will also be available to order the product.

2. Backend:

For backend, Sanity CMS will be used to manage product data, customer details and order records.

3. APIs:

For shipment tracking and payment gateway, third party APIs will be used.

A. User Interface:

The user interface will contain pages like Home, Products, Pages, Shop, About, FAQ.

B. User Registration:

When user signs up, data will be stored in sanity and confirmation will be sent to the user.

C. Product Browsing:

When user search for the product, view the product categories, Sanity API fetches the data and products will be displayed on frontend.

D. Order Placement:

After that user then select the product, add it to cart and proceed to checkout, order details will be saved in Sanity.

E. Shipment Tracking:

Order status updates will be fetched by third party API and displayed to user.

API Endpoints:

S.no	Endpoints Name	Method	Endpoints	Purpose
PRODUCTS				
1.	GET Products	GET	/products	Fetches all products Details
2.	GET Product by ID	GET	/products/[id]	Fetch a product by its ID
3.	Create Product	POST	/products	Create a new product
4.	Update Product	PUT	/products/[id]	Update a product by its ID
5.	Delete Product	DELETE	/products/[id]	Delete a product by its ID

Sanity Schema:

```
mentation > JS SanitySchemas > default > fields
export default {
  name: 'marketplace',
  title: 'Marketplace',
  type: 'document',
  fields: [
    {
      name: 'productTitle',
      title: 'Product Title',
      type: 'string',
    },
    {
      name: 'productSlug',
      title: 'Product Slug',
      type: 'slug',
      options: {
        source: 'productTitle',
        maxLength: 96,
      },
    },
    {
      name: 'category',
      title: 'Category',
      type: 'string',
      options: {
        list: ['Office Chairs', 'Home Chairs', 'Restaurant Chairs'], // Adjust as per your categories
      },
    },
    {
      name: 'productDescription',
      title: 'Product Description',
      type: 'text',
    },
  ],
}
```

