



#### 4) Fetch Categories

- Endpoint: GET / Categories
- Description: Retrieves all categories

#### 5) Update Settings

- Endpoint: PUT / Setting
- Description: Update site setting.



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Manage data: Utilize Sanity CMS  
to handle product data, customer  
Information and order records.

## System Diagram

Front - End: Next.Js

- \* Interacts with the backend  
for fetching product and customer  
data.

- \* Implements responsive designs  
and essential pages.

Backend (Sanity CMS):

- \* Stores and manages data for  
products, user and orders

- \* provide structured schemas



## Settings

- site Title (string)
- description (string)
- logo (Image)

## APIs and Endpoints

### 1) Fetch Posts

- Endpoint: GET /posts
- Description: Retrieves all posts

### 2) Fetch Single Post by slug

- Endpoint: GET /posts/{slug}
- Description: Retrieves a specific post by slug.

### 3) Fetch Authors

- Endpoint: GET /authors
- Description: Retrieves all authors



\* Third Party APIs:

- 1) Shipment Tracking Service API
- 2) Payment gateway API

\* Additional APIs as necessaries

Database Schema for Sanity cms

Schemas:

1) Post

- title
- slug
- content
- author
- published At

2) Author

- name (string)
- bio (block)
- profileImg (Image)

3) Category

- title (string)
- description (string)

Setting

- site
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- log

APIs

1) Fetch

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2) Fetch

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- Desc
- post

3) Fetch

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Day 2 Activities : Transitioning to Technical Planning .

Frontend Requirements :

User - friendly interface for browsing products : Design an intuitive UI for users to navigate products effortlessly

Responsive design for mobile and desktop users : Ensure the layout adapts seamlessly across devices.

Essential pages:

