3. Plan API Requirement

1. Endpoint: /products

Method: Get

Description: fetch all available products

Response example:

[

{

"product-id": "prod\_001",

"product-name": "The dandy chair",

"product-price": 199.99,

"total-stock": 50,

"image": "https://cdn.sanity.io/images/project-id/dataset/image1.jpg",

"description": "A stunning Chair with good quality.",

"reviews": [

{

"reviewer": "Alice Smith",

"rating": 5,

"comment": "Absolutely love this",

"date": "2025-01-01"

},

]

},

]

2.Endpoint Name: /orders

Method: POST

Description: Create a new order in Sanity.

Payload Example:

{

"customer": {

"name": "John Doe",

"email": "john.doe@example.com",

"address": {

"street": "123 Main St",

"city": "New York",

"state": "NY",

"zip": "10001"

}

},

"products": [

{

"product-id": "prod\_001",

"quantity": 2

},

Response Example:

{

"order\_id": "order\_12345",

"status": "Order Created",

"created\_at": "2025-01-16T10:30:00Z",

"total\_amount": 499.97

}

3.Endpoint Name: /shipment

Method: GET

Description: Track order status via third-party API.

Query Parameters:

order\_id (required): The unique ID of the order to track.

Response Example:

{

"shipment\_id": "ship\_67890",

"order\_id": "order\_12345",

"status": "In Transit",

"expected\_delivery\_date": "2025-01-20T18:00:00Z",

"tracking\_url": "https://thirdparty.com/track/ship\_67890"

}

**Endpoint Name:** /products

* **Method:** GET
* **Description:** Fetch all available products from Sanity.
* **Response Example:**

[

{

"product-id": "1",

"product-name": "Nike Air Huarache Runner",

"image": "https://static.nike.com/a/images",

"description": "The classic AF1 gets an adventurous refresh with utility lacing",

"price": 56,

"sizes": [array of different sizes

],

"rating": 36,

"stock-quantity": 98,

"discount-percent": 78,

"department": [array of different shoe names ],

"total-orders": 22,

"brand": "Nike",

"color": [ array of multiple color],

"category": "running",

"gender": "Men's and women Shoes",

"reviews": [

{

"reviewer": "Alice Johnson",

"rating": 5,

"comment": "Super comfortable and stylish!",

"date": "2025-01-10"

},

{

"reviewer": "Tom Wilson",

"rating": 4,

"comment": "Great for running, but sizing runs small.",

"date": "2025-01-12"

}

]

}

]