

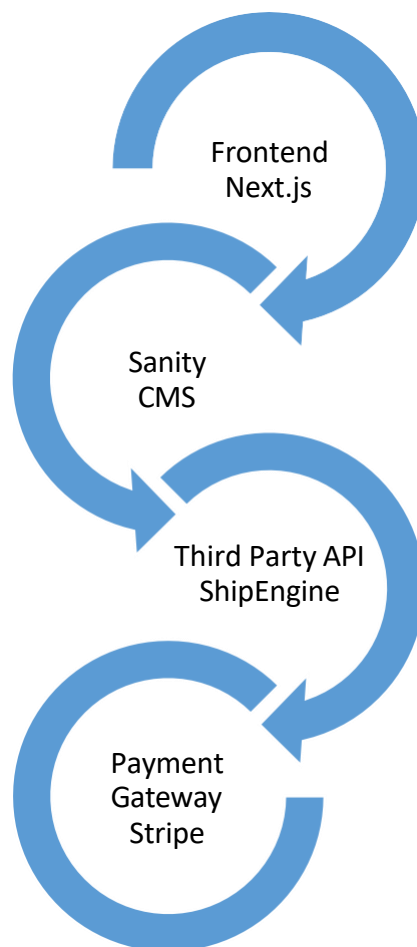
Hackathon Day 2: Planning the Technical Foundation

Day 2 Goal

The primary goal of Day 2 is to shift from business-oriented planning to technical preparation. In this phase, the focus will be on developing a high-level technical plan for the e-commerce clothing site, including system architecture, workflows, and API requirements. This blueprint will guide the implementation phase and ensure alignment with business objectives.

This structured approach ensures a scalable and user-friendly e-commerce solution, leveraging tools like Sanity CMS and third-party APIs for efficient backend management and dynamic frontend functionality.

Technical Requirements



API Endpoint

Name: /products

Method: GET

Description: Fetch all product details.

```
{  
  "id": 1,  
  "name": "T-Shirt",  
  "price": 1500,  
  "size": "M",  
  "stock": 1,  
  "Image": "http://url",  
  "color": "Black"  
  "rate": 4.5  
}
```

Endpoint Name: /categories

Method: GET

Description: Fetch all product categories.

```
{  
  "id": 1,  
  "name": "Men's Wear"  
}
```

Endpoint Name: /orders

Method: POST

Description: Create a new order.

```
{  
  "customerId": 1,  
  "products": [{"id": 1, "qty": 2}]  
  "Sale Price": 1500,  
  "Order Date": 2025-02-14,  
}
```

Endpoint Name: /Customer

Method: GET

Description: Customer Information.

```
{
```

```
"CustomerId": 1, "customer  
Name": "xyz", "contact#":  
202524562 "Address": "abc  
plot"  
"Email": 123@gmail.com  
}
```

Endpoint Name: /payment Method:
GET

Description: take payment from cutomer.

```
{  
"orderId": 1,  
"paymentId": 1,  
"totalAmount": 1500  
"paymentMethod": ["online", Cash] "payment  
Date": 2025-02-14  
}
```

Endpoint Name: /shipment

Method: GET

Description: Track order status via third-party API.

```
{  
"shipmentId": 123,  
"status": "In Transit",  
"Delivery Date": 2025-02-24  
"Extended Date": 2025-02-30  
"Customer #": 0245789625  
}
```

Endpoint Name: /Delivery Zone

Method: GET

Description: Track order status.

```
{  
"ZoneId": 123,  
"zoneName": "abc",  
"zoneDestination": "123"  
"assignDriver": "cnd"  
}
```

System Architecture Documents/Work Flow

