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**Template 3**  
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## **Marketplace Technical Foundation-Nike Shoes**

### **1. System Architecture Overview**

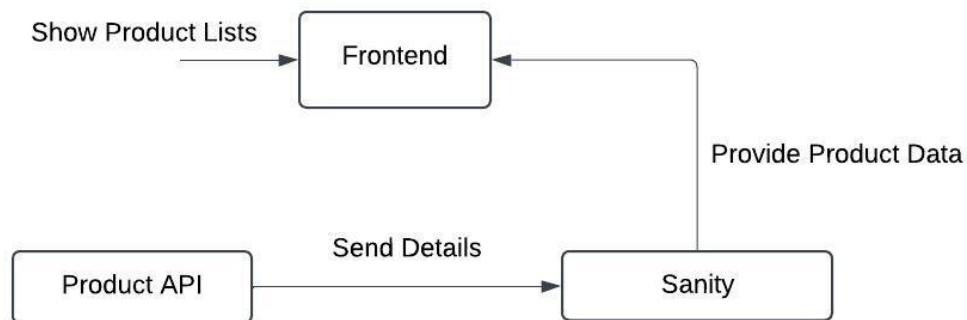
- ✓ My Website = Nike Shoes
- ✓ Should be easy to use
- ✓ Best UI UX
- ✓ User can easily search for shoes by type, size and color

**Front-end:** Handles user interaction. Fetches product data from Sanity CMS and communicates with APIs for orders and shipment tracking.

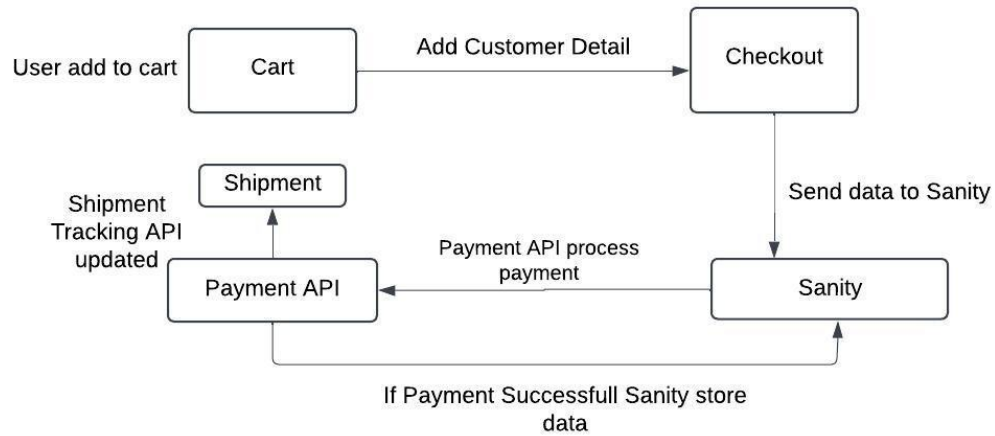
**Sanity CMS:** Stores product details, order information, and other necessary data.

**Third-Party APIs:** Manages payment processing and shipment tracking.

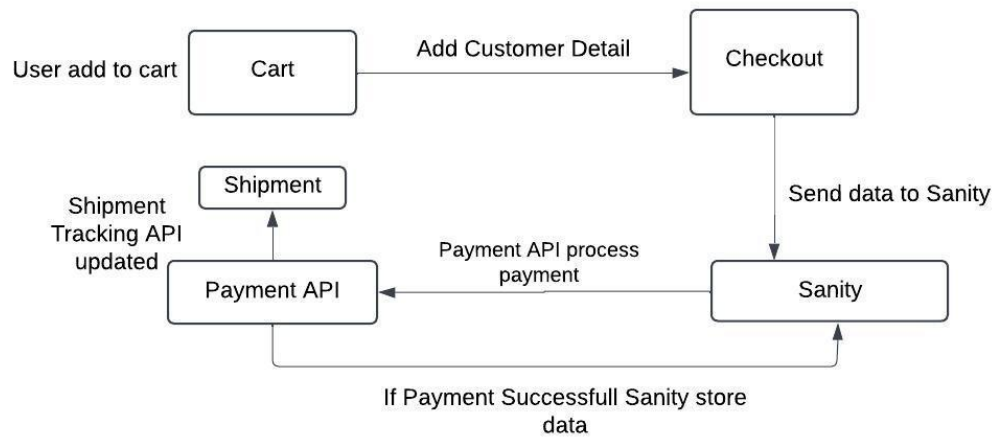
### **1. Fetching Product**



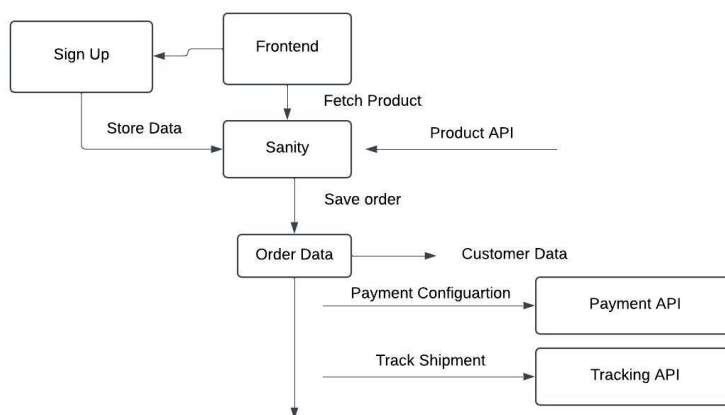
### **2. Placing Order**



### 3. Order Tracking



### Design System Architechture



## **Workflow:**

### **1. Browse Products:**

- User open website
- User see list of Nike shoes
- User click shoes and see its details
- Front-end fetches data from sanity and display it
- On product details click : Fetch specific product from sanity

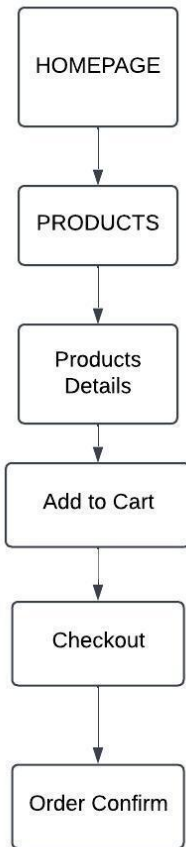
### **2. Place Order:**

- User select product and add to cart
- User goes to cart page to review selected items
- User click proceed to checkout
- User fill out the shipping and payment details then click place order
- Frontend saves cart details locally
- On checkout : send order info to sanity
- Payment Gateway API process the payment
- If Payment succeed save order detail in sanity

### **3. Track Shipment:**

- User open the my order page
- User select an order to view tracking details
- Front-end fetches the order tracking ID from sanity
- Front end sends the tracking ID to shipment tracking API
- API return real time shipment data

## **WORK FLOW DIAGRAM**



**Plan API Requirement:** IN XLXS FILE

**Data Schema:** In Js File