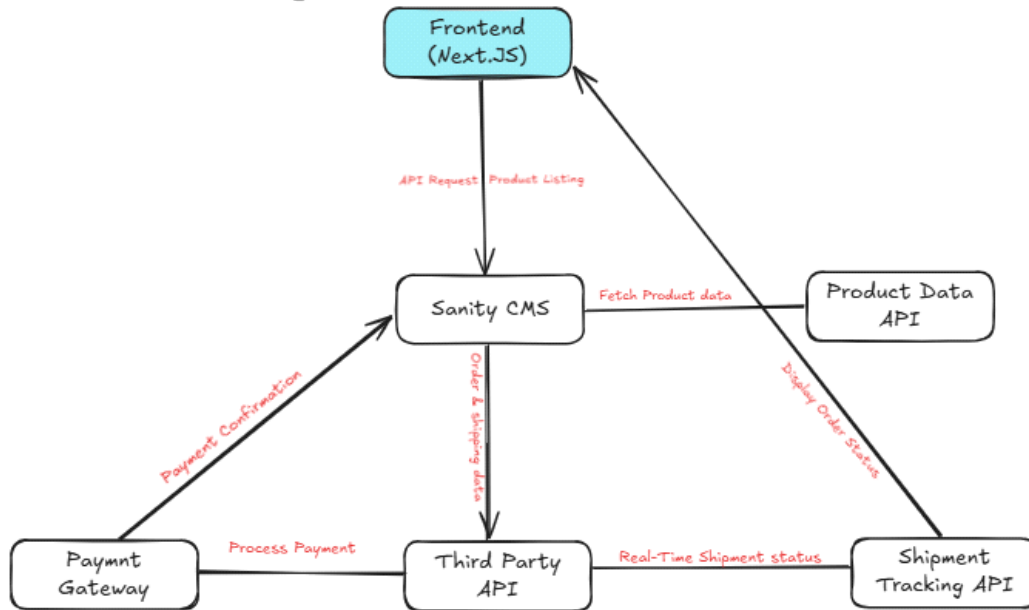


System Architecture



Here's the high-level system architecture diagram illustrating how the components interact:

1. **Frontend (Next.js):** The user interface for browsing products.
2. **Sanity CMS:** Acts as the backend, managing data like product listings and user information.
3. **Product Data API:** Fetches product information from Sanity CMS for dynamic display on the frontend.
4. **Third-Party API:** Handles integrations like shipment tracking and payment processing.
5. **Shipment Tracking API:** Fetches real-time order delivery status.
6. **Payment Gateway:** Processes payments securely and sends payment confirmations back to Sanity CMS.

Key Workflow Steps:

1. **Product Browsing:** The frontend requests product listings via the Product Data API connected to Sanity CMS.
2. **Order Placement:** User places an order; details are sent to Sanity CMS via an API request.
3. **Shipment Tracking:** Order shipment data is fetched through the Third-Party API and displayed on the frontend.

4. **Payment Processing:** Payments are handled by the Payment Gateway, with confirmation recorded in Sanity CMS.