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Institute: GIAIC

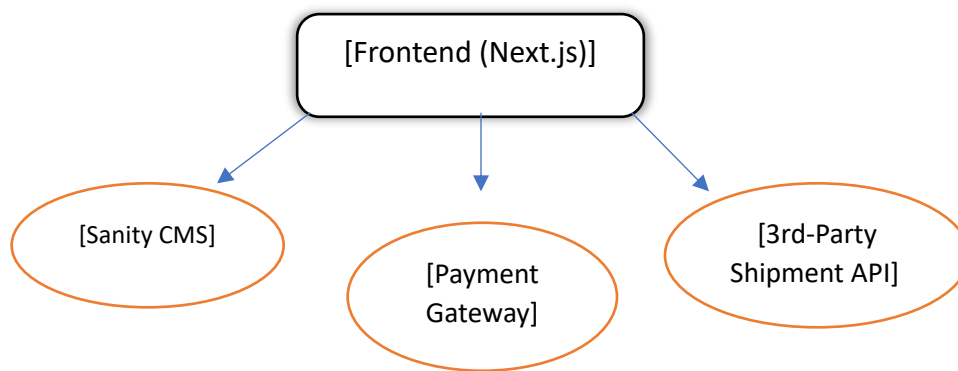
Slot: Saturday

System Architecture Diagram:

Flow:

- User interacts with the **frontend** (e.g., viewing products, placing orders).
- The frontend communicates with the **Sanity CMS** for data retrieval and updates.
- Third-party APIs handle tasks like shipment tracking and payment processing.

Architecture:



Key Workflows:

1. User Registration:

- User signs up on the frontend.
- Data is stored in Sanity CMS.
- Confirmation email is sent to the user.

2. Product Browsing:

- User login and views product categories.
- Frontend fetches data from Sanity CMS via API.
- Products are displayed dynamically.

3. Order Placement:

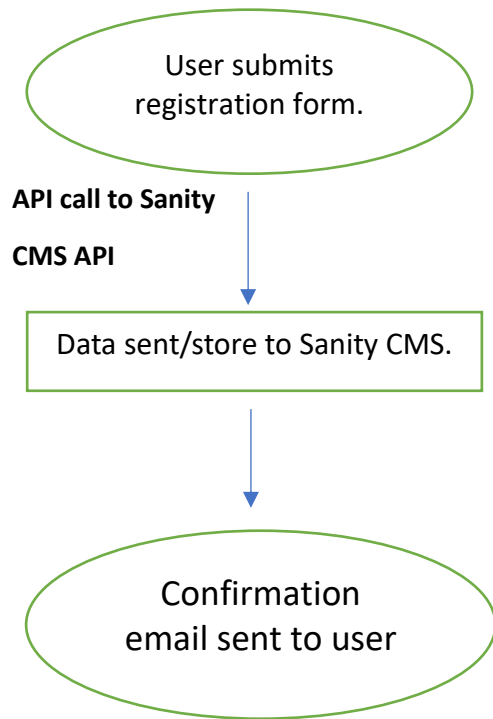
- User adds items to the cart and proceed to checks out.
- Order details are sent to Sanity CMS.
- Payment is processed through a payment gateway.

4. Shipment Tracking:

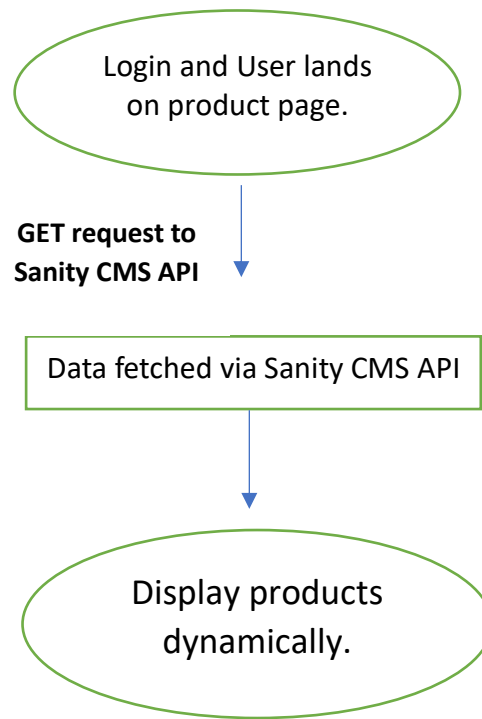
- Order status is fetched via third-party API.
- Status updates are displayed to the user in real-time.

Workflow Diagram:

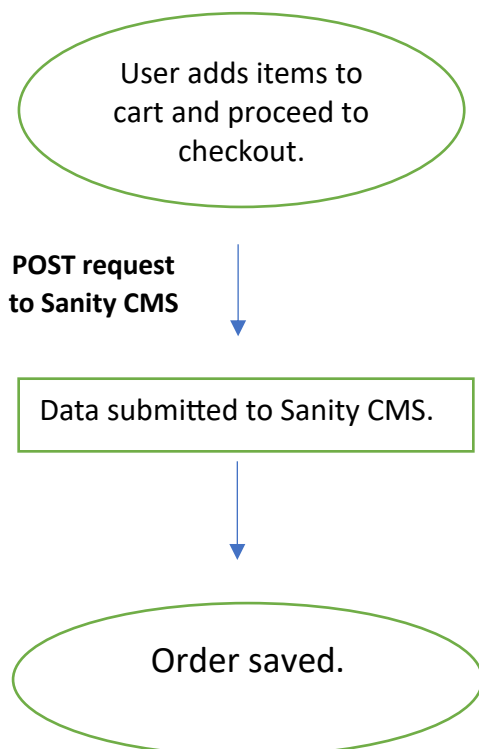
Step 1



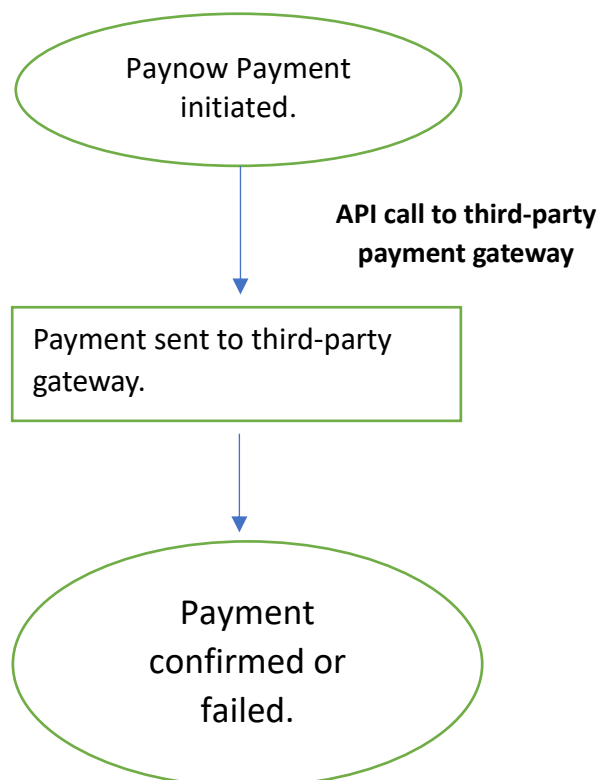
Step 2:



Step 3:



Step 4:



Step 5:

