

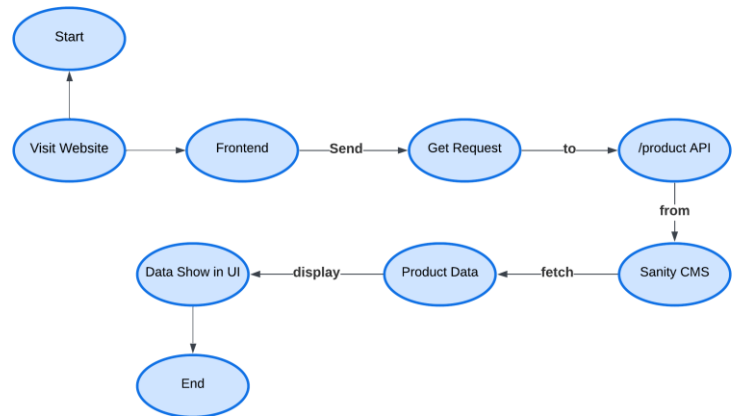
# **DAY 2 PLANNING THE TECHNICAL FOUNDATION**

## 2. Key Workflows:

### User Workflows

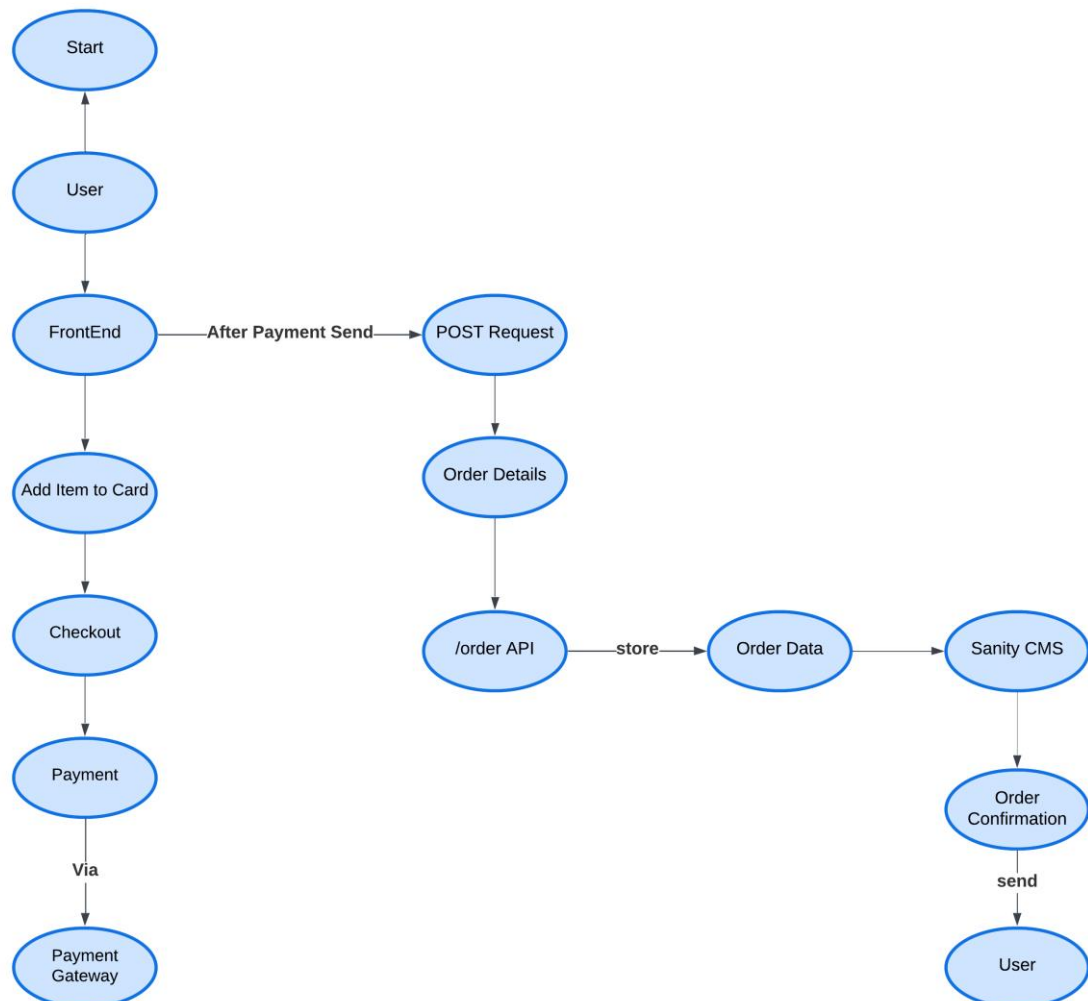
#### Product Browsing:

1. User visits the website.
2. Frontend sends a GET request to /products API.
3. API fetches product data from Sanity CMS.
4. Data is displayed on the website for user interaction.



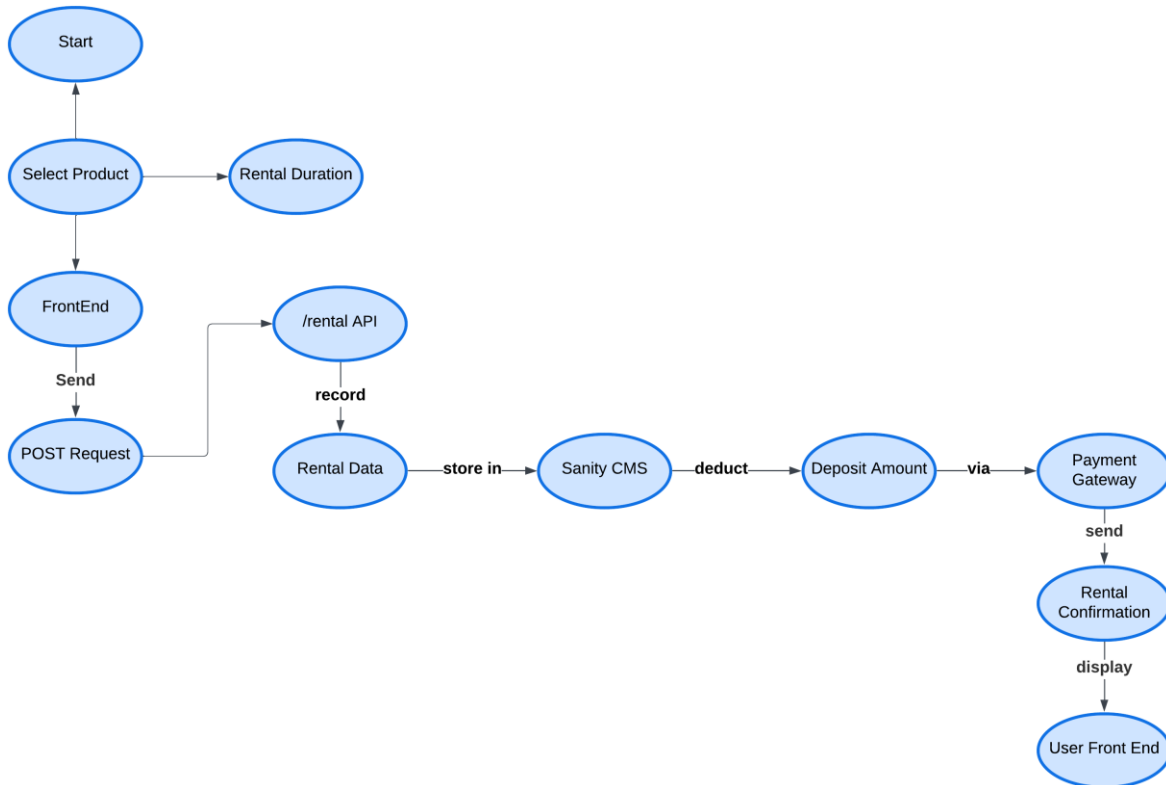
#### Placing an Order:

1. User adds items to cart.
2. User proceeds to checkout and completes payment via Payment Gateway.
3. Frontend sends a POST request to /orders with order details.
4. API stores order information in Sanity CMS.
5. Confirmation is displayed to the user.



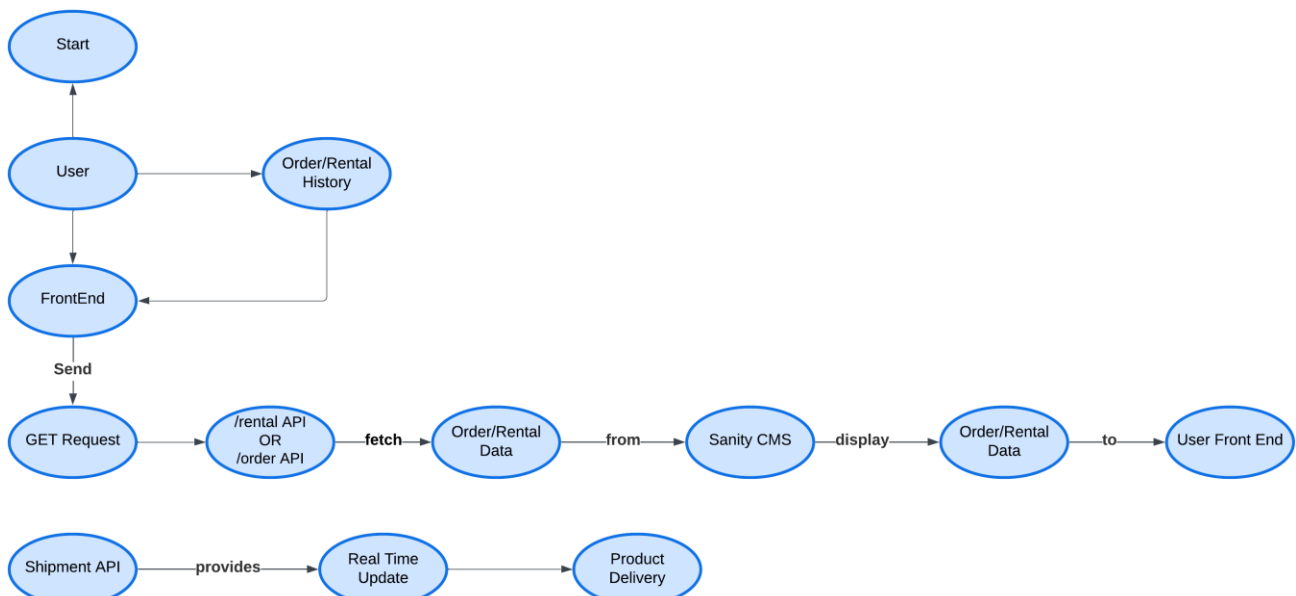
### Renting Furniture:

1. User selects a product and rental duration.
2. Frontend sends a POST request to /rental API.
3. API records rental details in Sanity CMS and deducts the deposit amount via Payment Gateway.
4. Rental confirmation is displayed to the user.



### Tracking Orders and Rentals:

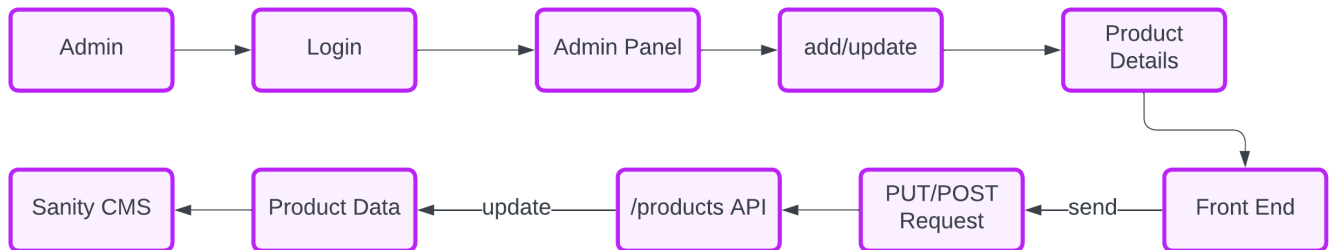
1. User accesses their order/rental history.
2. Frontend sends GET requests to /orders or /rental.
3. API retrieves and displays order or rental data.
4. Shipment API is used to provide real-time updates for deliveries.



## Admin Workflows

### Managing Products:

1. Admin logs into the admin panel.
2. Admin adds or updates product details.
3. Frontend sends POST/PUT requests to /products API.
4. API updates product data in Sanity CMS.



### Monitoring Orders and Rentals:

1. Admin views order or rental data.
2. Frontend sends GET requests to /orders or /rental.
3. API retrieves data from Sanity CMS for admin action.

