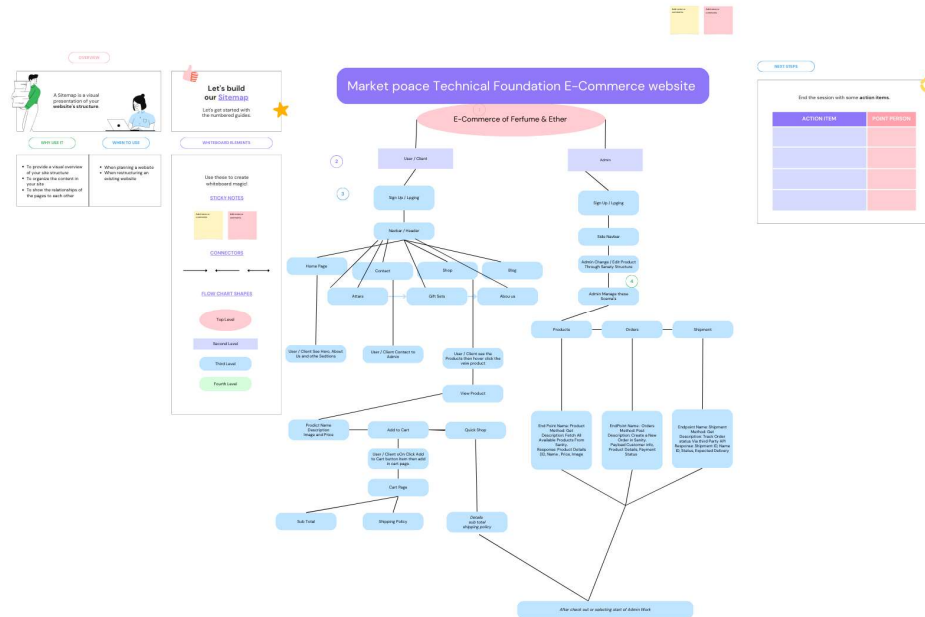


# Market Place Technical Foundation

## [Luxury Perfumes]

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## Overview

The flowchart depicts the technical foundation for an e-commerce website specializing in perfumes and ethers. It highlights two primary roles:

1. **User/Client:** The end user browsing and purchasing products.
2. **Admin:** The backend manager who oversees products, orders, and shipments.

The system is divided into **front-end functionalities for users** and **back-end operations for admins**, all interconnected for seamless workflow.

## Flowchart Breakdown

### 1. User/Client Section

This section represents the customer's journey through the platform.

#### A. Sign Up/Login

- **Purpose:** To allow users to create an account or log in to an existing one.
- **Importance:** Personalization and security for users to access features like cart management and order history.

## B. Navigator/Header

- Contains key links for the website's main pages:
  - **Home Page:**
    - Displays banners (hero content), "About Us" section, and highlights featured or popular products.
  - **Contact:**
    - A communication channel for customers to reach the admin or support team.
  - **Shop:**
    - Divided into:
      - **Attars:** Niche category for traditional perfumes.
      - **Gift Sets:** Specially bundled products.
    - Users can view product details by clicking on items in the shop.
  - **Blog:**
    - Displays blog articles about products, usage, and other relevant content.
  - **About Us:**
    - Provides details about the company's history, values, and objectives.

## C. Product Interaction Flow

1. **View Product:**
  - Users can click on products to view their details, including:
    - Name
    - Description
    - Image
    - Price
2. **Add to Cart:**
  - Users can add desired products to the cart for purchase.
  - The **Cart Page:**
    - Shows the subtotal (total cost of items before taxes or shipping).
    - Links to the **Shipping Policy** for transparency.
3. **Quick Shop:**
  - A streamlined process to quickly browse and purchase products.
  - Displays:
    - Product details
    - Subtotal
    - Shipping policy information for expedited purchasing.

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## 2. Admin Section

The admin side handles the website's backend management.

### A. Sign Up/Login

- Admins authenticate to access the dashboard for managing operations.

## B. Side Navbar

- Contains links to key admin functionalities:
  - **Products**
  - **Orders**
  - **Shipments**

## C. Admin Functionalities

### 1. **Products:**

- Admins can:
  - Add new products
  - Edit existing products
  - Remove outdated or unavailable products
- Uses a **Sanity Structure** for managing product data.
- **End Point:**
  - API to fetch all products, returning details like:
    - Product ID
    - Name
    - Price
    - Image

### 2. **Orders:**

- Admins can:
  - Create or manage customer orders.
  - Track details like:
    - Customer info
    - Product details
    - Payment status
- **End Point:**
  - API to manage order creation, ensuring all required details are stored.

### 3. **Shipments:**

- Admins can:
  - Track shipments via third-party APIs.
  - Monitor details like:
    - Shipment ID
    - Current status
    - Expected delivery date
- **End Point:**
  - API integration ensures real-time shipment tracking.

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## 3. *Post-Checkout Process*

- After customers complete the checkout process:
    - **Admin Workflow Starts:**
      - Admin processes the order.
      - Updates shipment details.
      - Tracks delivery status.
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## Flow Summary

1. Users navigate the platform, browse products, and complete purchases.
2. Admins manage the product catalog, orders, and shipments via a structured dashboard.
3. APIs ensure smooth communication between front-end and back-end, enhancing usability and efficiency.