

## Laying The Foundation For My Marketplace Journey.

" My Marketplace type is "General E-Commerce"

" Purpose:

My goal is to launch my products on an e-commerce platform while promoting their branding and sales effectively. And my main goal is to expand the reach of my products to both local and international markets, enabling access to a broader customer base. This approach will help grow the business significantly by targeting a larger audience and leveraging the power of online platforms to enhance sales and brand visibility.

To create a brand that people recognize by its name, so that the identity of my products and services is tied solely to that brand. In this way, whenever people talk about my work, their mind should immediately

اسم الطالب محمد عاصم (ملاجي)

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associate it with my brand.

## My Business Goals:

- My marketplace aims to solve the problem of limited access to trendy and high-quality products for fashion lovers. I plan to bring new collections of glasses, offer branded watches at affordable prices, and provide premium products like perfume, perfume and body spray all in one place for customers who are passionate about fashion but want value for money.
- my target audience includes fashion lovers aged 18 and above, ranging from students to professionals such as businessmen etc. These individuals are passionate about staying stylish and prefer shopping for fashion items like perfume, body spray, watches, and glasses online.

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"In my marketplace, I will offer fashion items like perfumes, watches, and glasses and body spray catering to individual looking to enhance their ~~personal style~~ personal style."

"Our marketplace offers stylish products at affordable prices, fast delivery, and personalized shopping experience."

# Data Model

Product Schema	
Product ID	number
Product Name	string
Description	string
Price	number
Image	image
Stock	number
Category	reference

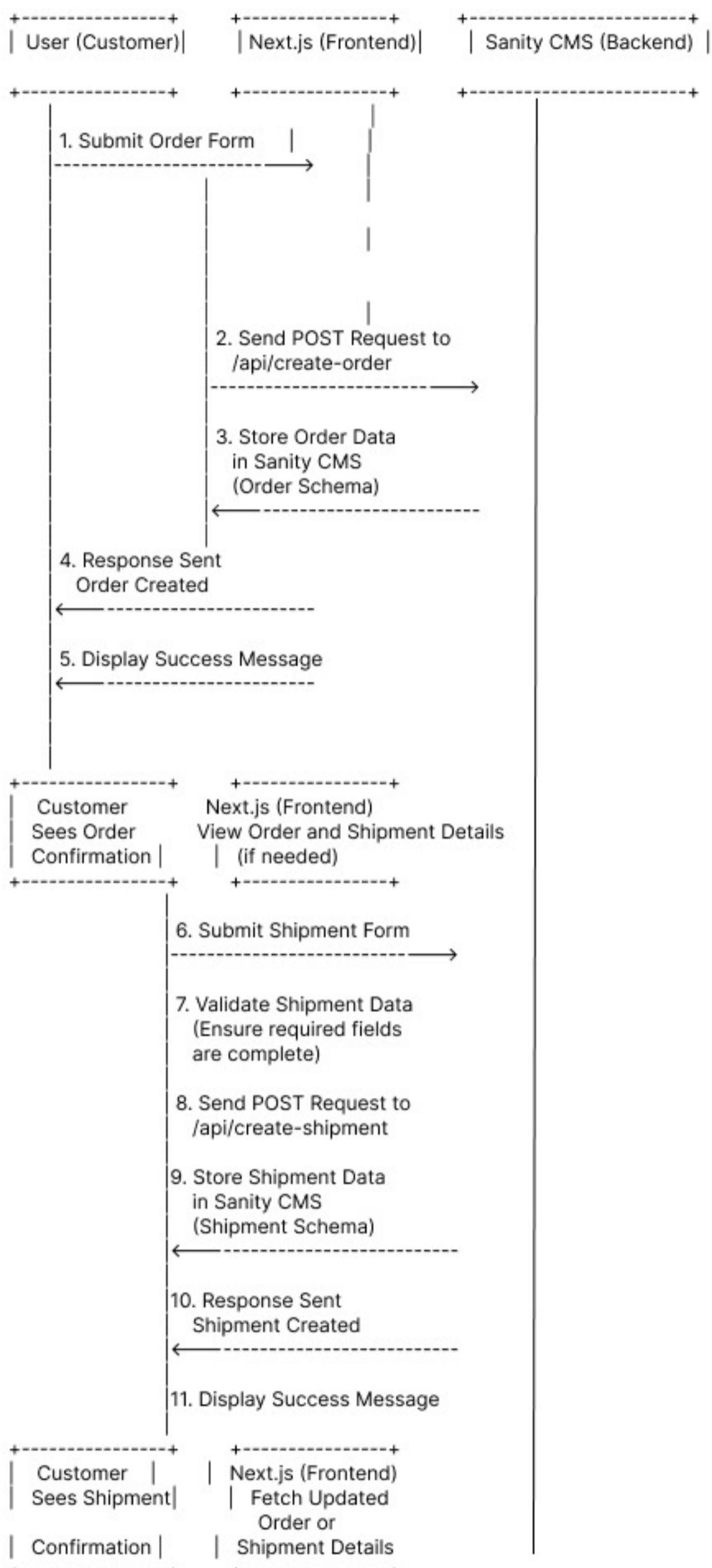
Category Schema	
Category	string
Product	array

Order Schema	
OrderID	number
Total Amount	number
Status	string
Customer	reference
Product	array
Timestamp	datetime

Customer Schema	
CustomerID	number
Name	string
Email	email
Address	string
Phone no	number
Province	string
City	string
Postcode	number
Order	array

Shipment Schema	
Method	string
Tracking no	number
Delivery date	datetime
Order	reference

## Marketplace Technical Foundation - StyleHive



### Error Handling:

- If validation fails:
  - Frontend shows validation error messages (e.g., "Order name is required").
- If POST request fails:
  - Frontend displays "Failed to process your request, please try again."
- If Sanity CMS is unreachable:
  - Backend returns a "503 Service Unavailable" error, displayed as a notification on the frontend.

Endpoint	Method	Description
/api/create-order	POST	Accepts order data and saves it in Sanity CMS using the "Order Schema".
/api/create-shipment	POST	Accepts shipment data and saves it in Sanity CMS using the "Shipment Schema".
/api/get-orders	GET	Fetches all the orders from Sanity CMS.
/api/get-shipment/:id	GET	Fetches specific shipment details based on the shipment ID.
/api/product/:id	GET	Fetches specific product details based on the product ID.
/api/product	GET	Fetch all product data