# Day 4 - Building Dynamic Frontend Components for Your Marketplace

(Fashion Product)

# Objective:

On Day 4, the goal is to design and develop dynamic frontend components that display marketplace data fetched from Sanity CMS or APIs. The focus is on creating reusable, responsive components to ensure a seamless and visually appealing user experience.

# **Key Components with Detailed Descriptions**

# 1. Product Listing Component

# Purpose:

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#### Features:

# **Grid Layout:**

Products are arranged in a visually appealing grid layout, responsive across various screen sizes.

# **Dynamic Data Display:**

Product details like name, price, and images are fetched dynamically from the backend (Sanity CMS or API) and rendered in real-time.

# Fields Displayed:

- Product Name: The name of the product is prominently displayed.
- Price: The cost of the product is shown to help users make purchasing decisions.
- Image: A thumbnail or main image of the product to visually represent it.

# 2. Product Detail Component

## Purpose:

This component provides an in-depth view of a specific product, giving users all the necessary information about the selected item.

#### Features:

# **Dynamic Routing:**

Each product has its own dedicated page, created using Next.js dynamic routing (e.g., /product/[id]).

#### Detailed Information:

- Product Description: A detailed description to help users understand the product better.
- Price: Displayed to inform users of the cost.
- Available Sizes or Colors: Information about the product's available variants (if any).
- Discounted Price: If applicable, the discounted price is displayed for clarity.

#### 3. Search Bar

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## Purpose:

The Search Bar allows users to type in keywords and see their input displayed below the search bar. It does not perform any real-time filtering or highlight items on the website.

#### Features:

# **Basic Functionality:**

 Users can type any word (e.g., "shirt"), and the same word will appear below the search bar.

# 4. Cart Component

# Purpose:

The Cart Component provides a simple list of items that the user has added to the cart, without any advanced functionality.

#### Features:

Display Added Items:

The component only shows the names of the items added to the

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# Day 4 Checklist:

Task
Product Listing Component

✓

Product Detail Component
✓

Basic Search Bar



# Day 4 Checklist:

<u>Task</u> <u>Status</u>

Product Listing Component ✓

Product Detail Component ✓

Basic Search Bar ✓

Simple Cart Display



SHOP.CO Shop ~ On Sale New Arrival Brands

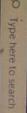
T-shirt

:11

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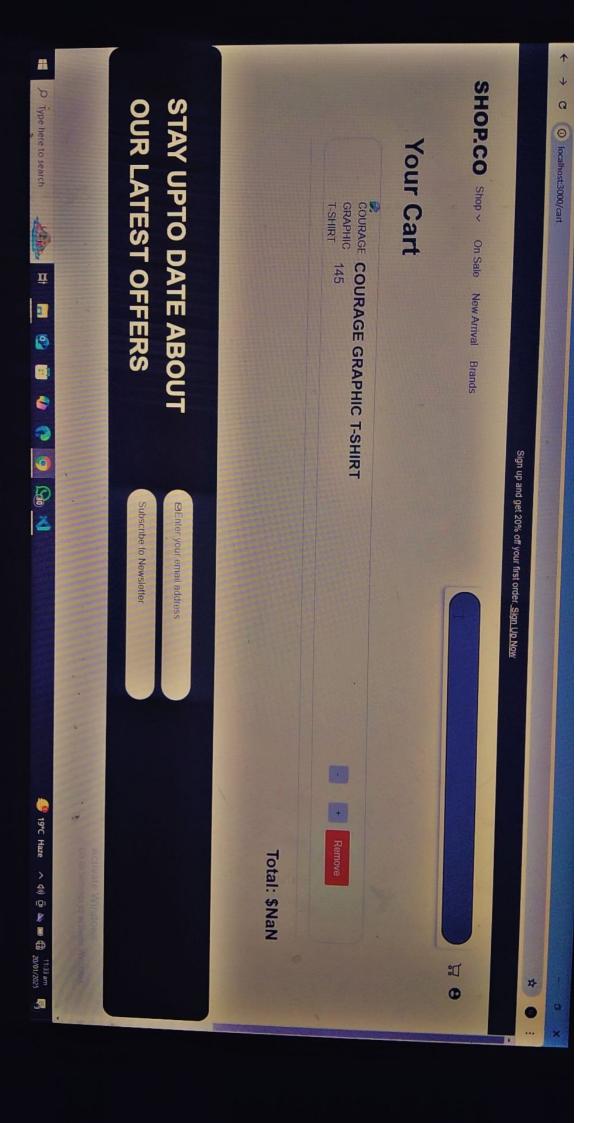










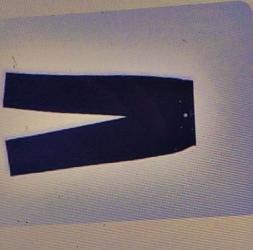


Casual



Casual Green Bomber Jacket

300



145 COURAGE GRAPHIC T-SHIRT



Sleeve Stripe T-Shirt 130

(4) 24°C Haze < (40) (5) ← (40) (6) ← (19/01/2025 € 2

O Type here to search

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170



Classic Black Straight-Leg Jeans







