media mart - our one-stop E-commerce store

Our Goals and Business focus:

Our dedicated team of visual creators are passionate about producing the highest quality visual communication which are engaging and interactive with your customers - we specialize in making visual communications work for your business, in complete harmony with your marketing goals.

* Real-time product updates.
* Seamless cart and checkout processes
* A responsiveness interface designs for both desktop and mobile users.

Technical Planning for media

Mait

" System Architecture

Front end (Next js)

The structure of a web applications User interface (UI).

Essentials:

- organizing code.
- breaking down the UI into reusable components.
- Using design patterns to manage data flow.

Best practices for frontend architecture should be followed. Avoid manipulating the attribute style in elements. Using Control your CSS however, use patterns. Define your own rules for scalability.

Sanity CMS (Backend)

They enable communication between backend systems, like a headless CMS, and frontend systems, such as website.

Sanity is a modern headless CMS. Sanity uses structured content to endlessly re-use content across any channel and a composable approach to help businesses connect to any third-part technology, data source, and frontend framework.

2. Key Work flows.

Browsing Products:

- A convenient way to browse, manage and refine your Sanity assets.
- Sanity allows user to categorize products based on the type of experience they want shoppers to have.
- Adapt page layout.
- Use the Sanity (tordinary Plugin

Adding Products to Cart
Replace product-ID with the ID of the product you want to add to the cart. Preview your page or post to make sure the button is displayed correctly.

Placing Orders
through the "Add to Cart" buttons, which allows customers to save items to their cart for later purchase.

3. API's endpoints.
    API endpoints are usually URLs, or uniform resource locators.

How do API endpoints works?

1. A client sends a request for data or functionality to an API endpoint.
2. The API endpoint receives the request
3. The API endpoint processes the request.

4. The API endpoint executes the request

5. The API endpoint sends a response to the client.

Product data API:-

A GET request, is a way for you to grab data from a data source with the help of the internet.

- GET request method, which is a very common HTTP request method (like POST, PUT, or DELETE).

Order API:

The orders API allows you to create orders, and retrieve information about others.

Shipment API:

The shipment API is used to book shipments and send transport instructions to Boxing.

4. Sanity CMS Schema Examples

• Product Schema.

The product schema allows you to add specific product attributes to your product listings that can appear as rich results on the search engine results page (SERP). These properties include: Price, Reviews, Ratings.

Order Schema:

It can be used to manage orders, process payments, and analyze customer behaviour.

An order schema is a data model that stores information about orders including the products, customer, and fulfillment details.

Features for local Drop Shipping in Pakistan:

• Responsive customer support
• Reduced risk.
○ Payment options.

- Security payments.
- Installment payments.
- Digital marketing.
- Website analytics.
- User-friendly interface
- Diverse products options.

Technical Roadmap

- Design sanity cms schemas.
- Implement API endpoints.
- Develop a responsive frontend
- Integrate third party APIs.
- Test all workflows.

Design and Architecture

Frontend Development:
- Create the visual elements of a website or application.
- Ensure the interface is responsive, accessible and visually appealing.
- Make the user experience as frictionless as possible
- Assist with debugging.
- Add to the overall design and look.

Backend Development.

Backend Development means working on server side software, which focuses on everything you can't see on a website. Backend developers ensure the website performs correctly, focusing on databases, back-end logic, application programming interfaces (APIs) architecture, and servers.

Third-Party API integrations.

- Save time and resources.
- Increase efficiency.
- Enhance functionality.

Visual Structure (UI/UX) Design.

Homepage: is the gateway to a site's contents functionality, and overall UI/UX design.

Product Page: This evolve to be more interactive and personalised. They might feature videos, 3D models, or augmented reality that help customers better understand a product.
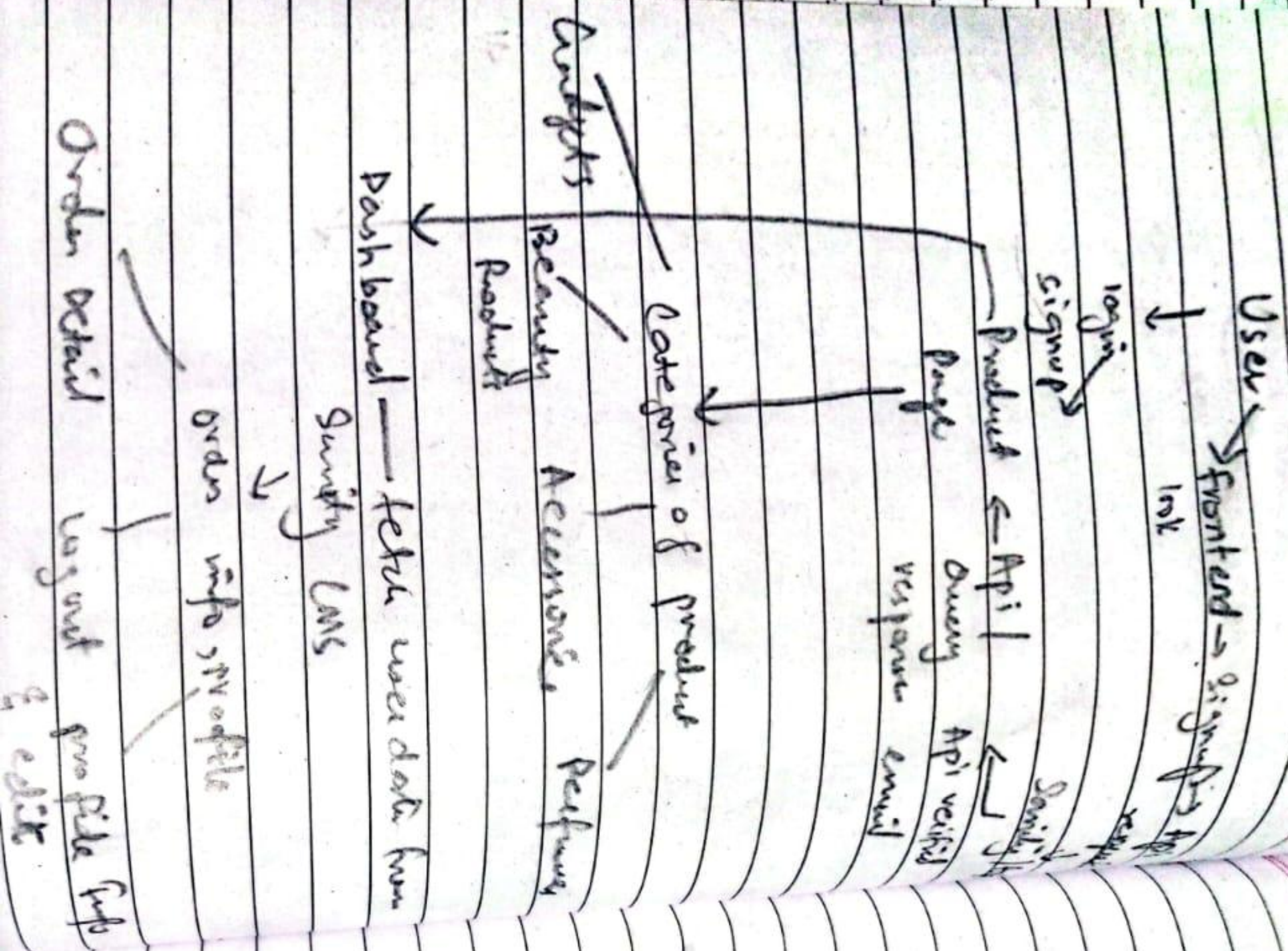
Cart and checkout:
you can use HTML templates, customize them, and added functionality.

Order tracking:
when designing an order tracking system, it's important to make it user friendly and intuitive.

Diagramatically Illustrations?

User → frontend → Signup / login trg

↓ int

login
signup

Product ← Api | ← Semilar

Page Query Api verified
response email

Categories of product

Beauty Accessories Perfumes
Products

Dashboard — fetch user data from

Sanity CMS

order info / profile

↓

Order detail Logout profile info
& edit

API: fetching menus

↓
form get api
for product page

↓
billing form

↓
use shiplane & shipagnistik

↓
Debit & credit
card

payment types
↓

Track your order see more
product