

DAY #02

PLANNING THE TECHNICAL FOUNDATION

Architecture Diagram:-

Frontend → Nuxt.js

Sanity CMS → ¹Product

²Orders

³User Management

Third Party APIs → ¹Shipment Tracking

²Payment Gateway

FRONTEND:-

We are handling ~~Nuxt.js~~ Frontend in Nuxt.js, where all the UI will implement. Frontend is only managing the design of a website that how

to develop and how to show the user.

HomePage :- A homepage is the main page of web-application that a visitor will view when they navigate to a website via search engine. It's also act like a landing page.

Product Page :- Product Page is like that where all the list of Product will show.

Product Detail :- It is used to show all the detail of Product including 'add to cart' or 'wishlist' button.

Cart Page : Cart Page will show all the products that user want to buy.

Wishlist Page :- It's used to save a Product for buy later.

Check Page :- Where users pay the amount of that product that they want to buy.

Shipment Page :- Where users can track product from warehouse to delivery.

login/signup Page :- It's work like that, A man enter in the market so he can buy Product but if he exit from the market, he can't buy Product. login / Signup is just like, if we login or signup on the website, so we enter on there and the website also note us like a camera of supermarket.

SANITY CMS

Sanity is a headless CMS where the CMS have only handle backend not frontend. We can connect Sanity CMS to any frontend framework like Nextjs, React, Vue.js. Here, we are using sanity as a backend to manage:-

Products

Orders

User Management

① Product is used to store all the product of website with Properties id, name, image, price etc.

② Order is used to store all the order that user place on.

③ User Management is used to store User Information and his order history.

THIRD PARTY API

We are also using third party API to perform shipping tracking and payment handling.

Ship Engine :- shipment tracking API to fetch real-time delivery status.

Stripe :- It is used to processing payment securely.

API REQUIREMENT

/product (GET) :- fetch all product of cloths from sanity.

/order (POST) :- Create new order in sanity.

/shipment (GET) :- fetch the order status of Product for tracking from ~~ship~~ shipengine.

DIAGRAM

