Day # 02
Technical tourclation
Planning Architeture
Diagram:

comfonent	Technolog	y Per Pose
1 Frontend	NextJs	Handles UI andoser interactions.
@ Backend (cm)	s) Semity	Monages Reducts-, orders and
	510	From Tracks Product snovement from Process on line Payments



## Frontend Develormenti-

We are bushing the Pertol owing Next Is where all the Ut comparent will be imprement. The footed focuses on the design a layout and used experience of the previous

0

## Key Page & Features:

Home Rage ..

- Whe man landing tage of the web-application.
- was a South Engine. When thy would the website
- D Acts as an entry Point and Prevides an overview of the woosite.

Product Page:

Deplay a list all avilable function Products



Product Detail Proge ..

Price; images, and alexingtion ... includes " Hold to cout" and " Hold to withing to

Cart Pages:

Displays all Products the user has added to the

Wishlist Page.

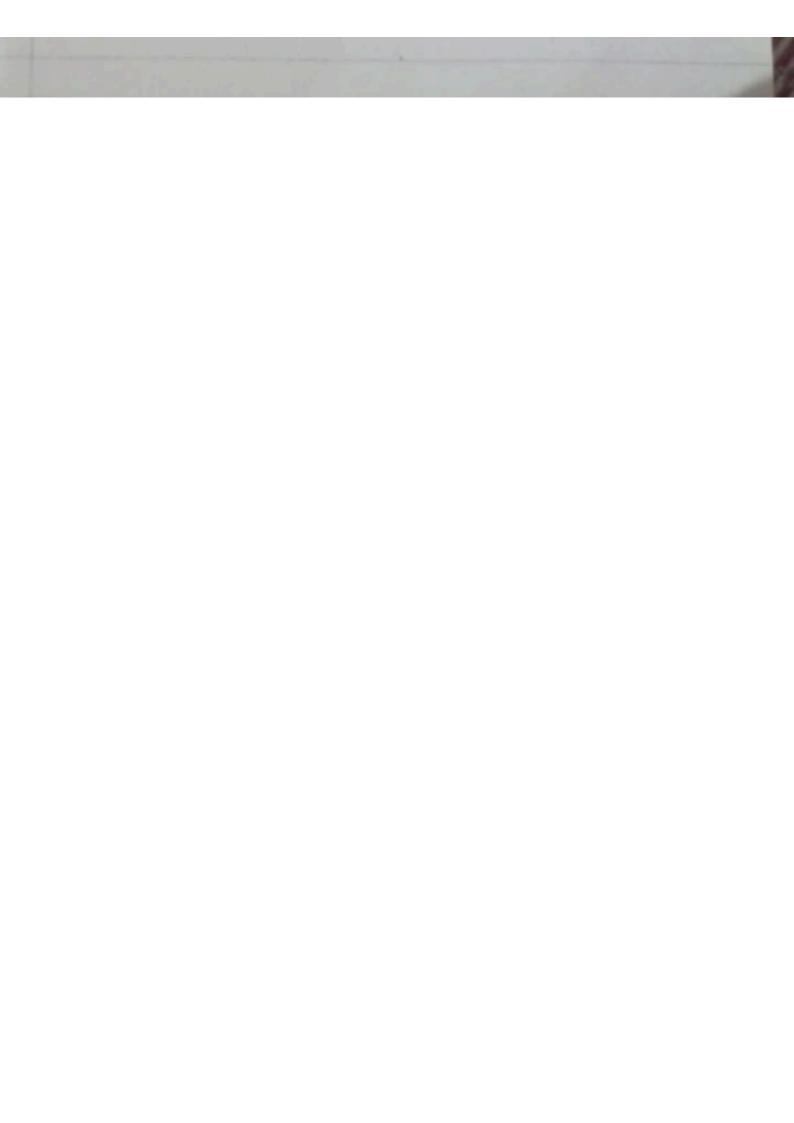
Allow users to save Products tor lacter Attachase.

checkout Page:

Where users make Rugments for their Selected Product.

Shipment Tracking Page:

Allow users to track their order from warehouse to delivery.



Login/Signup Perge:

Tust like entering a Supermarket user must log in

or Sign up to buy Products.

The website recognizes logged in users a Significant to

a Secretity camera tracking vistors in a

Store.

## Sanity CMS: THE Backend Solution 2

Products - Stores Product details Soch id, mame, images, 1

orders - Stores order details when a user Places on

User Management - Stores . user intermedien and their order history.



Third-Party APIS We are integraling third-Peaty APIS to handle Shipmont tracking and Paymont Processing.

1. ShiPEngine (Shipment Tracking AA).

" Used for real-time tracking of Product de liverie

fetches the current Status of Shipments from

tion 2. Stripe [ Payment Grate way API)

to

con.

ages, 1 Securely Processes on the Poyment bux oustines order.

Su PRoxts multiple payment methods like credit/de of cords, digital wouldt and tomk tomster.

API Requisement & Design:
Bullet Method Description Body Response

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Bullet Method Description

Bulle Sorder Post acate or new order insomity CMS. order order order 3/Swamout GET letch the real-time order Status From ade ID Supment Status. ShipEngine

