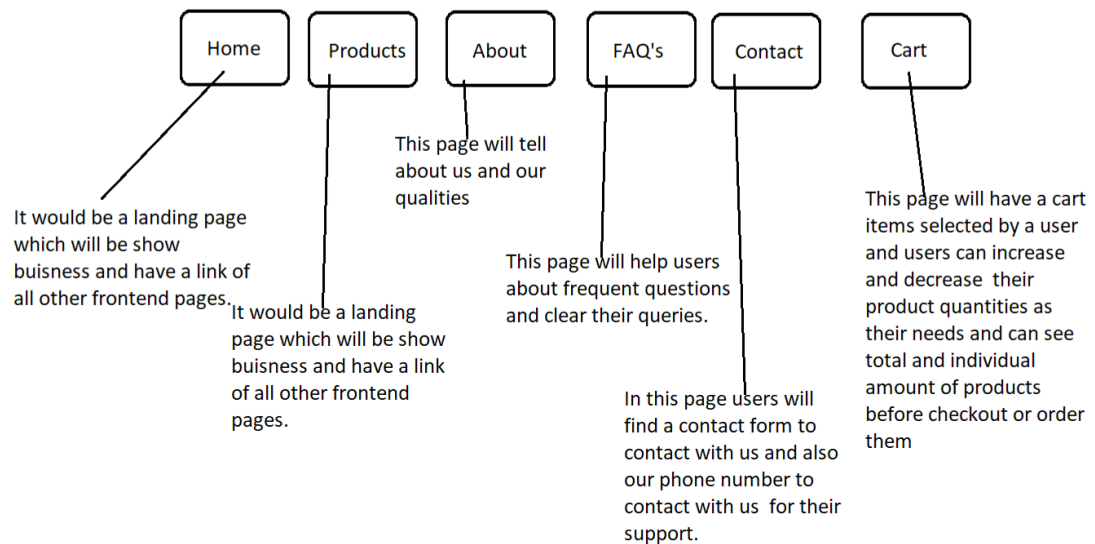# Market Place Technical Foundation-Comforty(Template 8)

Name: Abdullah Shaikh

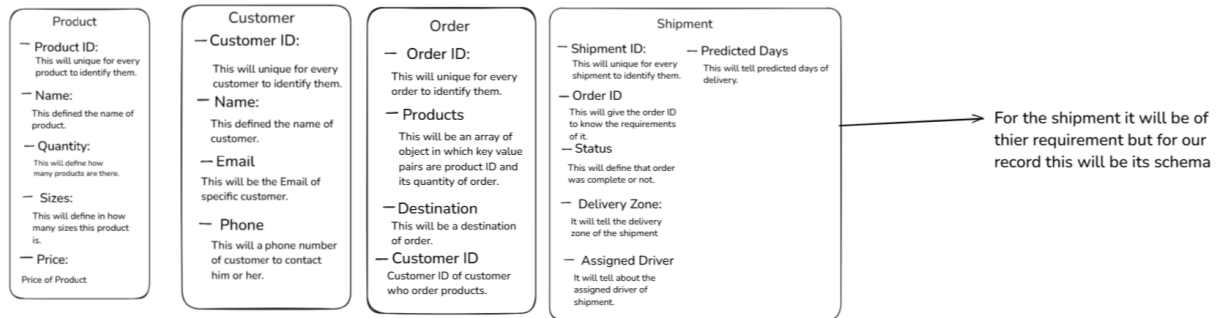## Technical Requirements:

Frontend:

1. Website Should be responsive from computer to mobile screens.
2. Products should be visible by their real time quantity record.
3. There would be category links for users to go for a page of thier desired category products.
4. There would be a easy to go other pages.
5. Responsive header and footer will be in every page.
6. The essential pages:

| Home | Products | About | FAQ's | Contact | Cart |

Home: It would be a landing page which will be show buisness and have a link of all other frontend pages.

Products: It would be a landing page which will be show buisness and have a link of all other frontend pages.

About: This page will tell about us and our qualities

FAQ's: This page will help users about frequent questions and clear their queries.

Contact: In this page users will find a contact form to contact with us and also our phone number to contact with us for their support.

Cart: This page will have a cart items selected by a user and users can increase and decrease their product quantities as their needs and can see total and individual amount of products before checkout or order them
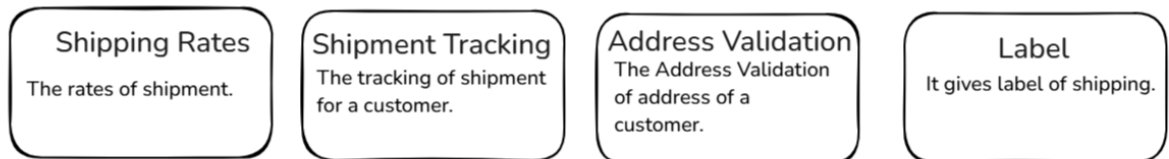
Backend:

1. For Backend Sanity CMS will be use to store products, sales data, order data and for other types of data.
2. There will be several documents for storing data in Sanity CMS,

which are these:

Product
— Product ID:
This will unique for every product to identify them.
— Name:
This defined the name of product.
— Quantity:
This will define how many products are there.
— Sizes:
This will define in how many sizes this product is.
— Price:
Price of Product

Customer
— Customer ID:
This will unique for every customer to identify them.
— Name:
This defined the name of customer.
— Email
This will be the Email of specific customer.
— Phone
This will a phone number of customer to contact him or her.

Order
— Order ID:
This will unique for every order to identify them.
— Products
This will be an array of object in which key value pairs are product ID and its quantity of order.
— Destination
This will be a destination of order.
— Customer ID
Customer ID of customer who order products.

Shipment
— Shipment ID:
This will unique for every shipment to identify them.
— Predicted Days
This will tell predicted days of delivery.
— Order ID
This will give the order ID to know the requirements of it.
— Status
This will define that order was complete or not.
— Delivery Zone:
It will tell the delivery zone of the shipment
— Assigned Driver
It will tell about the assigned driver of shipment.

→ For the shipment it will be of thier requirement but for our record this will be its schema
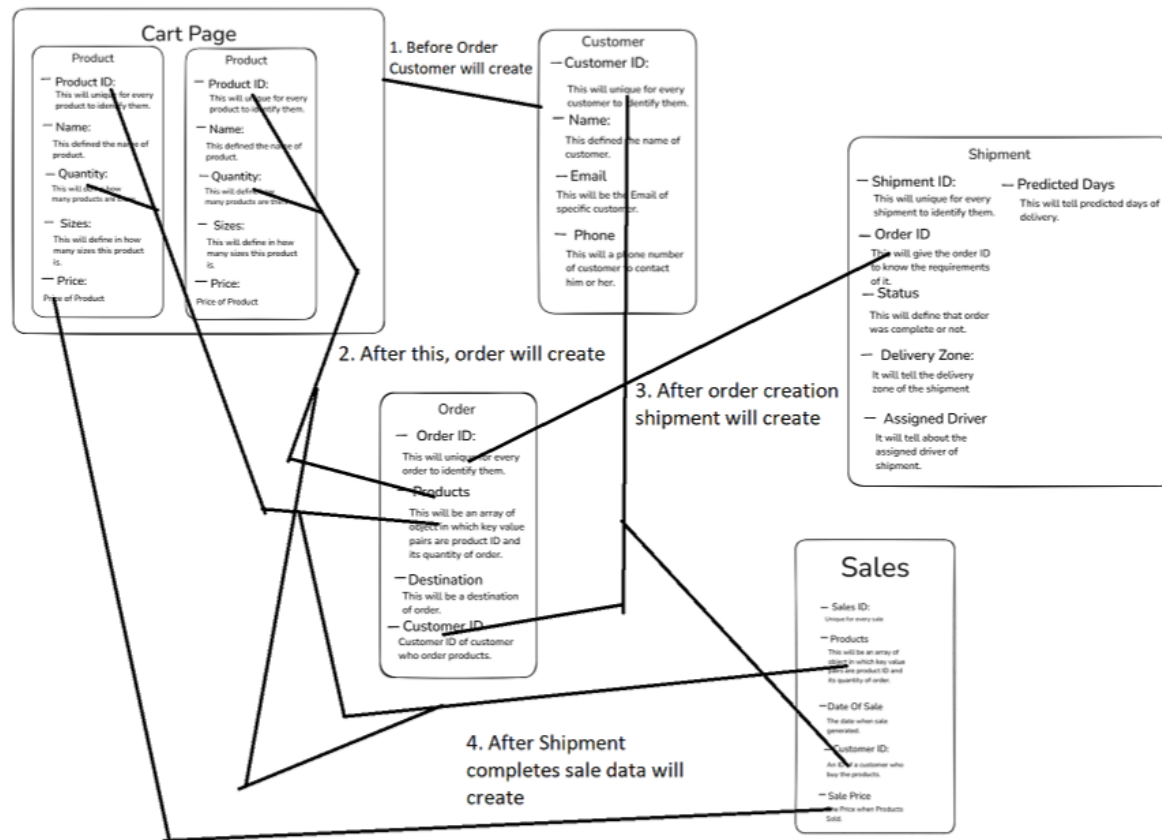
Third Party API's:

1. I will use shipment API as third-party API for shipment of Orders.
2. It gives me this data for frontend implementation to show customers:

Shipping Rates
The rates of shipment.

Shipment Tracking
The tracking of shipment for a customer.

Address Validation
The Address Validation of address of a customer.

Label
It gives label of shipping.

Design System Architecture:

ABOUT API'S:

S.No	Method	Path	Description
1.	GET	/products/[id]/route.ts	For fetching each products data.
2.	POST	/products/[id]/route.ts	For adding new product
3.	POST	/shipment/route.ts	For shipment request.

NOTE:

IT can be update later as project going in development.