MARKET PLACE TECHNICAL FOUNDATION
RESTAURANT WEBSITE
HACKATHON DAY 2

THE TECHNICAL FOUNDATION

- **FRONTEND REQ:-**
  - i) Basic structures and attractive design.
  - ii) Should be user-friendly.
  - iii) Add Responsiveness.
  - iv) Dynamic routing (if necessary)
  - v) Generating dynamic pages for each product.
  - vi) Add to cart funtionality.

- **USER AUTHENTICATION:-**
  - vi) Adding functionality and user authentication.
  - vii) Get user info, as well as assign unique id to thats user.

- **INVENTORY MANAGEMENT:-**
  - viii) Firstly, get the API for products.
  - ix) Work on basic admin setup, where it can manage quantity of

products. Where it can also get order details.

x) Checkout and billing.

xi) Manage all backend, working, & getting API from Sanity.

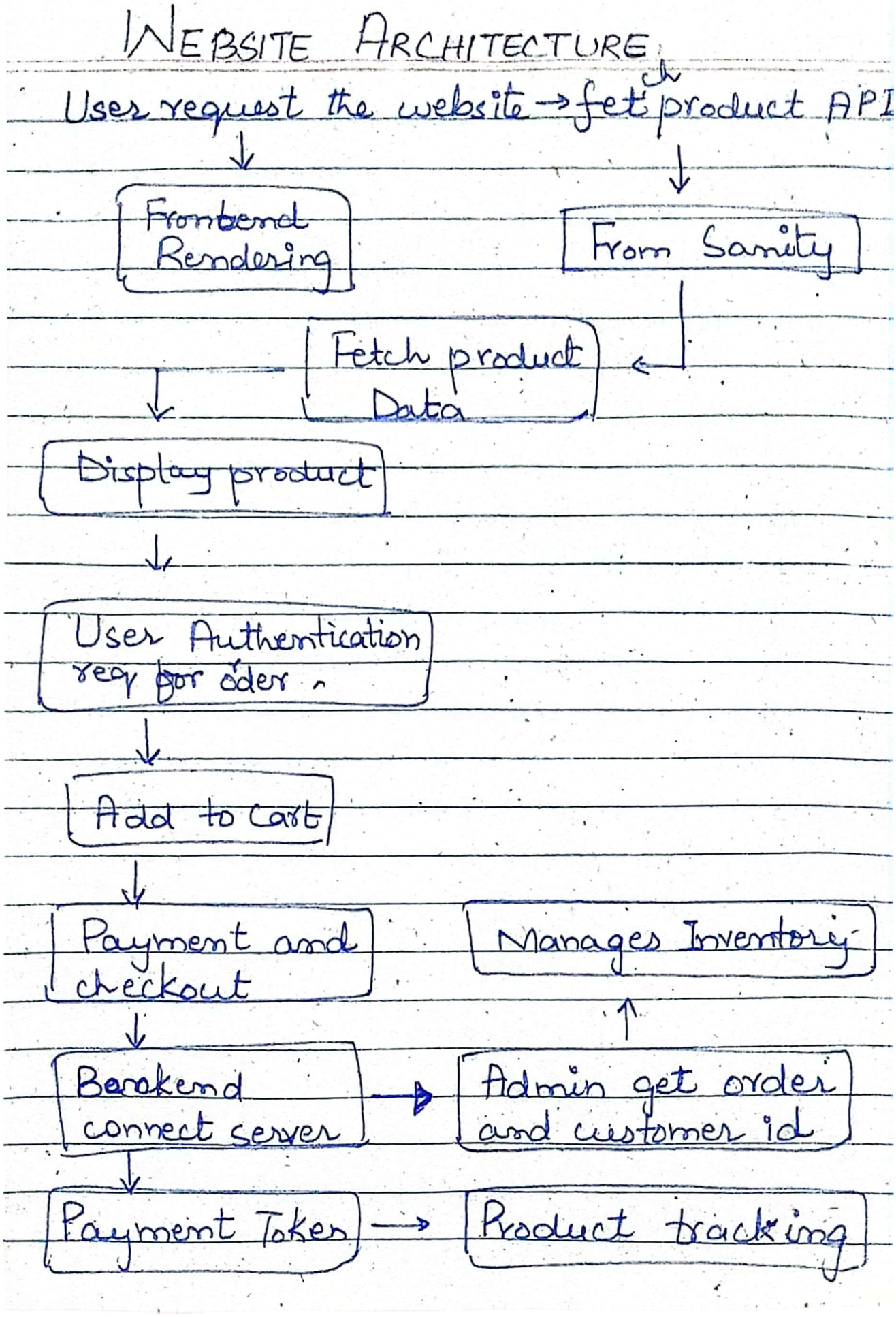
ORDER TRACKING:-

xi) Using plateforms like ShipEngine to track the product.

REQUIRED TOOLS:-

→ Next JS environment.
→ Tailwind CSS.
→ Sanity (or Fake API)
→ ShipEngine
→ Stripe

WEBSITE ARCHITECTURE



DATA SCHEMA :-

1). Product_Data (with example) :-

{ Product_ID: 17201,
Productname: "Burger", slug: slug,
price: 29,
stock: 200 }

2) Order_Data {
order_id: 00152,
customer_id: 019,
customer_email: "abc@gmail.com",
customer_contact: 03121221219,
customer_address: "...., Karachi"
}

3) CustomersData: {
Customer_id: 019,
customer_name: "Abc",
customer_email: "abc@gmail.com",
customer_contact: 03121221219,
customer_address: "...., Karachi"
}

4) Delivery_Zone{
zone_id: 71,
zone_name: ['malir,"landhi']
cover_area: "All over Karachi"

5) Relations of these :-

1) Product → connect to order through product ID.
2) Orders → Connect to customer through customer ID.
3) Customer → connect to zone ID.