Marketplace Builder Hackathon

Day : 2

Basic structure
Furniture Website

Website Structure:

HOmepage:

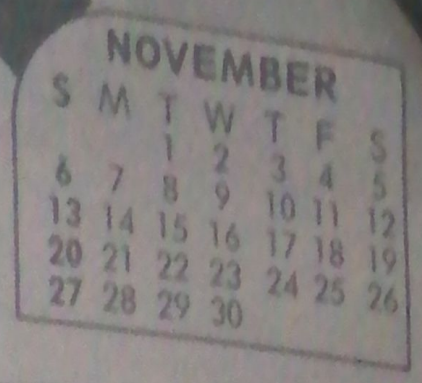
- Header :

Logo, Navigation (Home, Shop, Categories, Cart, Contact

Logo	Home About shop contact

Featured Products:

Highlight best-selling or new products.



07 Monday
12 Rabi-ul-Sani

Product Categories.

Display Categories like Living Room, Bedroom, office furniture, etc.

Footer :-

Contact information, Terms & condition, privacy policy, social media links.

Product Pages :

Product Name, Description, price, Material Dimensions.

08 Tuesday
13 Rabi-ul-Sani

Add to Cart :- and Whishlist Button.

Product Reviews.
Related Products.

Cart Page :-

List of products added to the cart.
option to update Quantity or remove items
checkout button.

09 Wednesday 14 Rabi-ul-Sani

CheckOut Page.

Collect shipping information (Name, Adress, Phone)

- Payment gateway integration (stripe).

Order Summary and Conformation

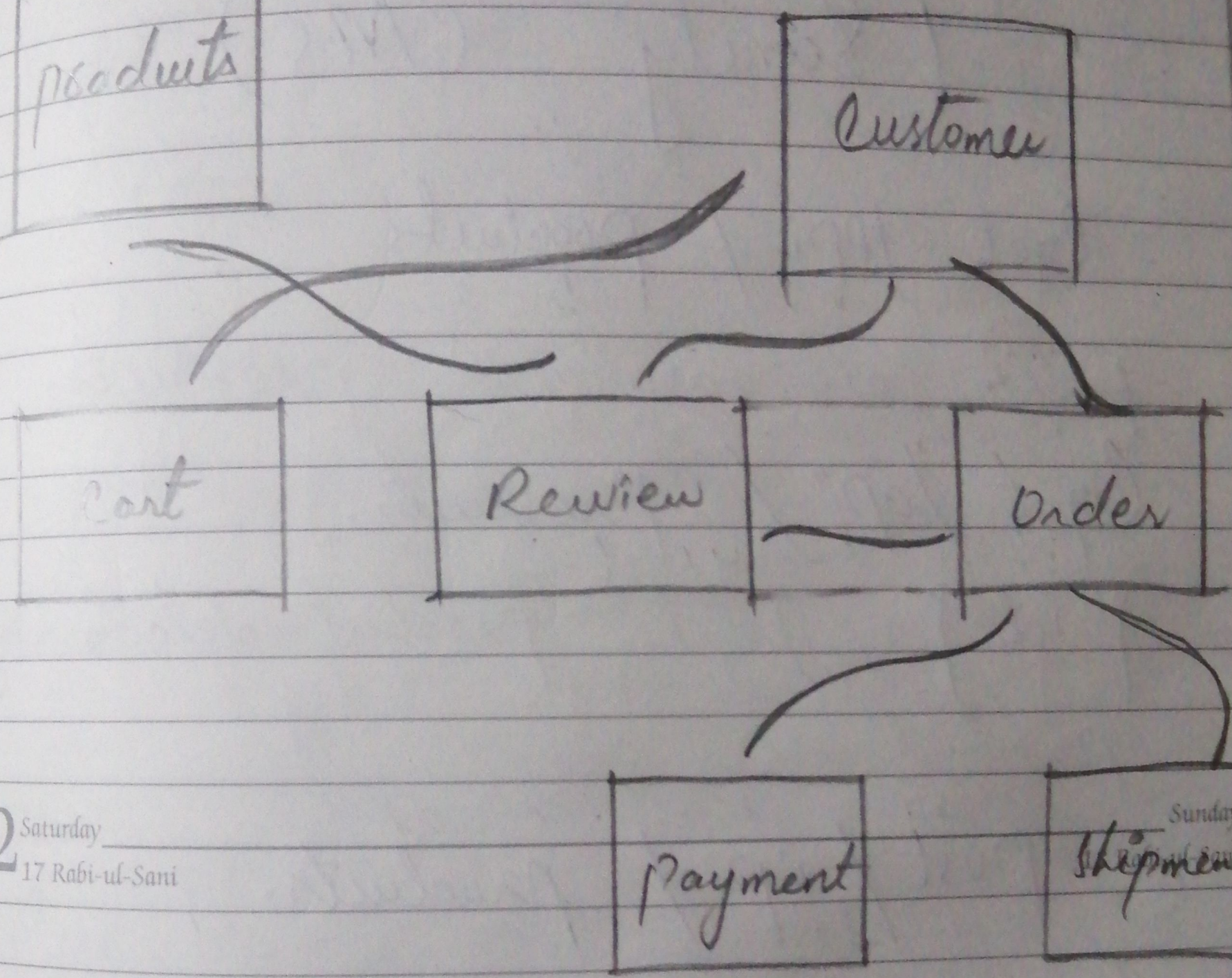
Order Conformation Page.

10 Thursday 15 Rabi-ul-Sani

Display Order details (products, Payment Status and tracking info).

Shipment tracking link (Shippo/ easypost integration).

11 Friday
16 Rabi-ul-Sani



12 Saturday
17 Rabi-ul-Sani

Sunday

14 Monday
19 Rabi-ul-Sani

Product Api
(Sanity CMS)

Get /Api / products
Fetch all available products.
Get /api / products.
{ id } : Fetch product details by product ID.

15 Tuesday
20 Rabi-ul-Sani

Post / Api / products.
Add new products.
(Admin Only)
Put / Api / products /
{ id } : update products details by product Id (Admin Only)

Delete /Api/ products/ {id}:
Delete product by product ID
(admin only)

Order Api
post /Api/ Order
Create a new Order (from cart)

Get /Api/order/ {id}:
Get Order details by Order ID.

Put/ Api/ Order/ {id}:
update status Order status (e.g shipped delivered).

Payment Api (Stripe)
post/ Api/ Checkout
Create a checkout session (initiate Payment)

18 Friday 23 Rabi-ul-Sani

Get /Api/ payment/ status.
Get payment status for an Order.
Post /Api/ payment /confirm:
Confirm payment after successful processing.
Shipment Tracking Api
(Shippo /EasyPost)
post /Api/ shipment/ {tracking_id}:

19 Saturday 24 Rabi-ul-Sani

Get shipment status by tracking ID.

Sunday 25 Rabi-ul-Sani 20

```
{
"_id" : ship_001,
Order : {
_id : Order_001,
totalAmount : 150,
},
tracking number : track_001,
status : In Transit,
estimate Delivery : 2025-01-16"
}
```

Frontend (Next.js):

Pages:- list all pages such as Home, product page, cart, chekout, Order Conformation.

Components:-

Define reusible components like Header, footer, product, Card, Cartitem, etc.

Styling:-

Use Tailwind Css for Styling to make the UI responsive and visually appealing.

23 Wednesday
28 Rabi-ul-Sani

hubstop, Google Analytic.

Backend (Sanity CMS)

Define content models for products, orders and customers in Sanity Studio.

Sanity Queries:

Write queries to fetch product data for the frontend.

Payment (Stripe):

24 Thursday
29 Rabi-ul-Sani

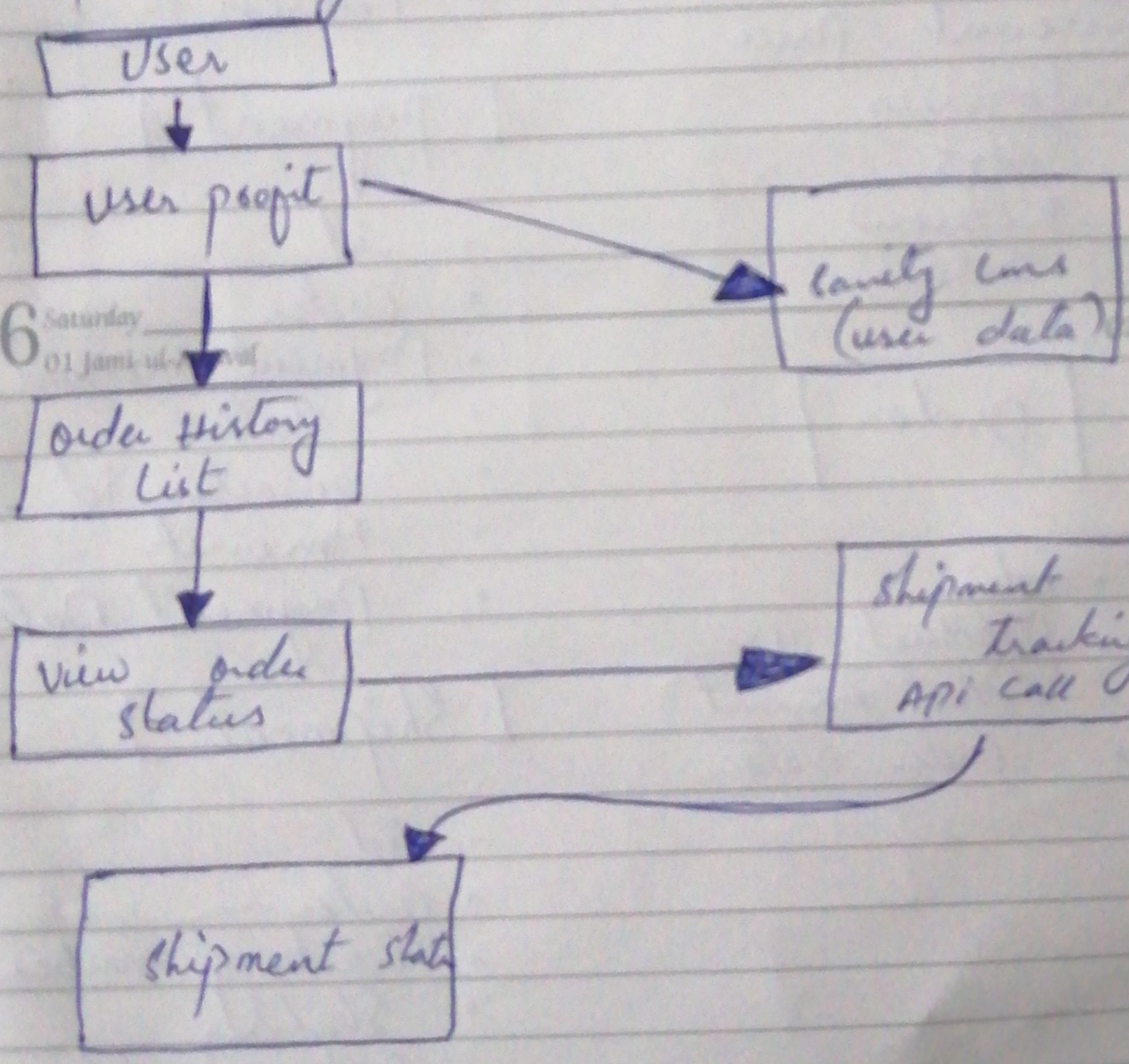
Api Integration: Use Stripe's Api to handle payments.

Flow: The user adds products to the cart, proceeds to checkout, and Stripe handles the payment processing.

Shipment Tracking
(Shippo / EasyPost)

- Api integration - use shippo or Easypost Api to generate tracking IDs for orders.

Tracking :-



Sanity Cms Shemas:-

[product]

- _id
- Name
- Description
- Image
- price
- stock
- Discount price
- Catogories
- Tabs
- Review
- Colors

[Order]

- _id
- Product ID
- Total Amount
- Order date

[Customer]

- _id
- Name
- Email
- Phone
- Address

[payment]

- _id
- Order
- Payment method
- Status
- Transaction id
- Amount
- Payment Date

[Shipment]

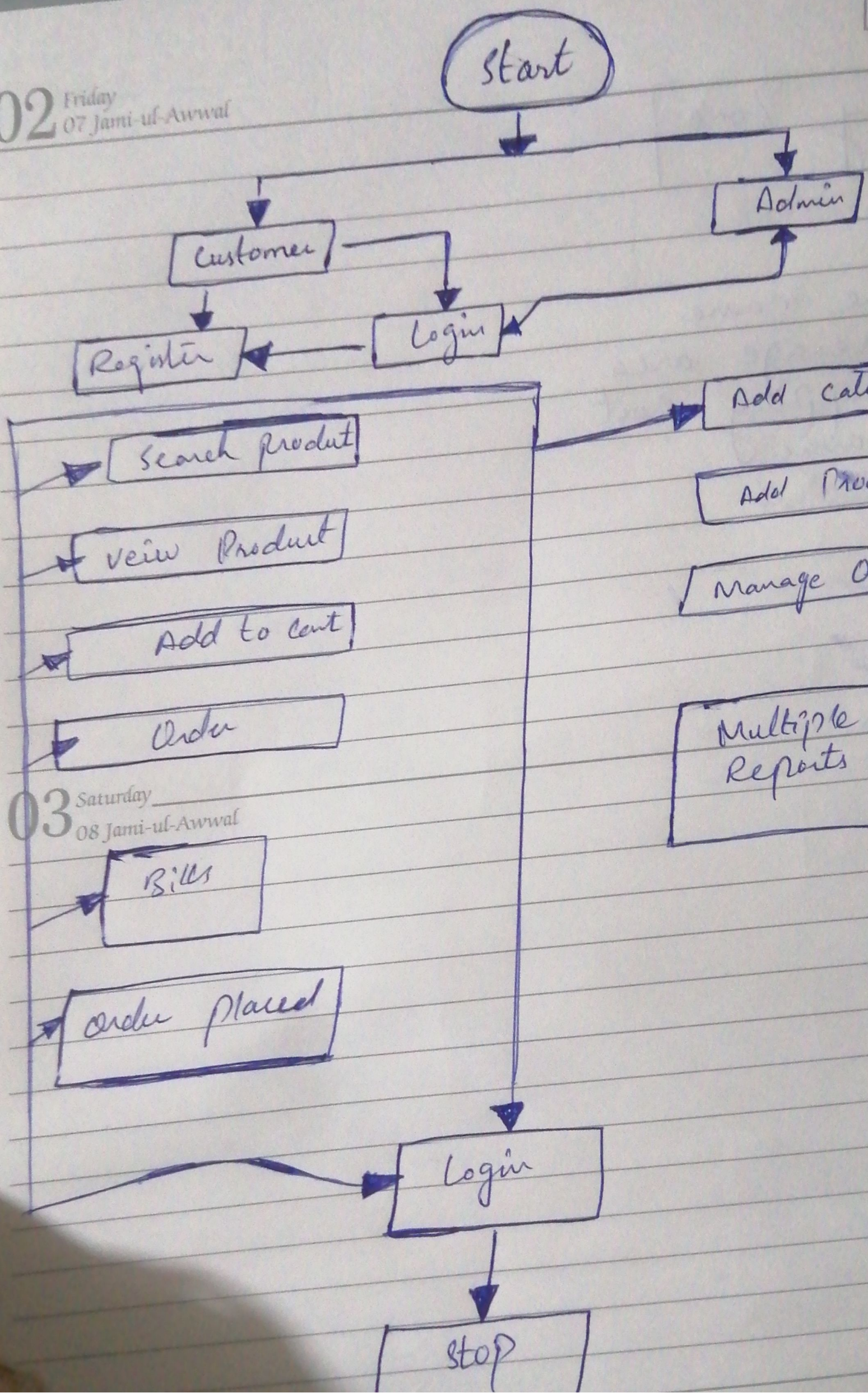
- _id
- Order
- Tracking number
- Status
- Estimate delivery

30 Wednesday
05 Jami-ul-Awwal

[Delivery Zone]

- id
- Zone name
- Coverage area
- Shipping cost
- Carrier

01 Thursday
06 Jami-ul-Awwal


Start
Customer
Admin
Login
Register
Search Product
View Product
Add to cart
Order
Bills
Order Placed
Add category
Add Product
Manage Order
Multiple Reports
Login
Stop