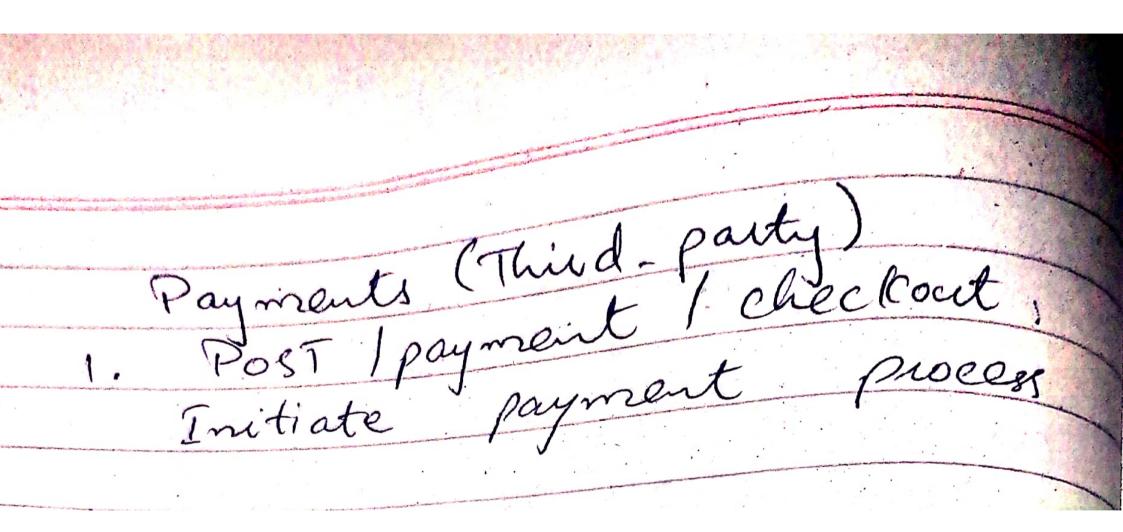# (3) API Requirements

API Endpoints:

Sign-up and Login

1. POST /signup :
   Create a new user account
2. POST /login :
   Handle user login

Products

1. GET /products :
   Fetch all products
2. GET /products/{id} :
   Fetch product details by ID.

Orders

1. POST /orders :
   Create a new order
2. GET /orders/{id} :
   Fetch order status by ID

Customers

1. GET /customers/{id} :
   Fetch customer details
2. PUT /customers/{id} :
   Update customer information

Payments (Third-party)

POST /payment / checkout,

1. Initiate payment process

(3) API Requirements

API Endpoints:

Sign up and Login:

- Endpoint : / signup
- Method : POST
- Purpose : Create a new user account
- Response Example: Example:
- Request Body:

```
{
    "email" : "user@example.com",
    "password": "secure password",
    "name" :    "abc",
    "address":    "123 Street Name, City,
                    country",
}
```

Response :

```
{
    "message" :  "User registered successfully",
    "userId" :    "12345",
}
```

API Endpoints Documentation

Endpoint	Method	Description
/Sign-up	POST	Creates a new user account
/login	POST	Authenticates user and returns token
/products	GET	Fetch all product list
/products {id}	GET	Fetch details of a specific product by its ID
/orders	POST	creates a new order
/orders/{id}	GET	Fetch order status by ID
/customers/{id}	GET	Fetch customer details by ID
/customers/{id}	PUT	Update customer information
/payment/checkout	POST	Initiates the payment process & returns a payment confirmation link