Entity-Relationship Diagram

Review
- Order_ID
- Customer_ID
- Date & Time
- Review_description

0..* — **Reviews** — Customer

Rating

Customer
- Customer_ID
- Customer_Type
- Customer_Name
  - First Name
  - Last Name
- Address
  - House No.
  - Locality
  - City
  - PIN
  - State
- Date_of_birth
- Age()
- Contact
  - E-mail
  - {Mobile No.}
- Gender

Product
- Product_ID
- Name
- Price
- Quantity
- Description
- Category
  - Category Name
  - Category ID
- Date of mfg
- Manufacturer

Cart
- Customer_ID
- Total_number_of_items

Browses — 1..*

Add/Remove — 1..*

Contains — 1..*

Manufactured By — 1..*

Places Order

Order
- Order_ID
- Order_status
  - Pending
  - Ready
  - Shipped
- Date
- Time
- Mode Of Payment
- Discount
- Ship_address
  - House Number
  - Street
  - City
  - PIN
  - State

Delivered By/To — 1..*

Delivery Partner
- Delivery_Partner_ID
- Name
  - First Name
  - Last Name
- Contact
  - Email
  - {Mobile No.}
- Number Of Orders
- Orders Delivered
- Orders Left
- Orders picked-up
- Payment Recieved
- Salary
- Complaints
- Manager SNo.

Manufacturer
- Manufacturer_ID
- Name
  - First name
  - Last name
- Address
  - House No.
  - Locality
  - City
  - PIN
  - State
- Contact
  - E-mail
  - {Mobile No.}
- Product Category
- Number of Products

Manages — 1..*

Admin
- Admin_ID
- Username
- Password
- Name
  - First Name
  - Last Name
- Email ID
- Age
- Manager S.Nos
- Manufacturer S.Nos
- Customer S.Nos
- Sales R.Nos
- Balance Sheet

Appoints — 1..*

Sales Manager
- Manager_ID
- Name
  - First Name
  - Last Name
- Contact
  - Email
  - {Mobile No.}
- Sales R.No
- Manufacturer S.Nos
- Number Of Manufacturers
- Payments

Group - 111
Pranav Aggarwal 2021551
Prerak Gupta 2021552

Customer | Customer_ID | Customer_Type | First Name | Last Name | House No. | Locality | City | PIN | State | Date_of_birth | Age | Email | Gender

Product | Product_ID | Name | Price | Quantity | Description | Category_name | Category_ID | Date_of_mfg | Manufacturer

Review | Order_ID | Customer_ID | Date & Time | Review_description | Rating

Order | Order_ID | Pending | Ready | Shipped | Date | Time | Mode_of_payment | Discount | House number | Street | City | PIN | State

Cart | Customer_ID | Total_no_of_items

Delivery_partner | Delivery_partner_ID | First Name | Last Name | Email | Number_of_orders | Orders delivered | Orders picked up | Orders left | Payments

Admin | Admin_ID | Username | Password | First name | last name | Email ID | Age | Manager S no. | Manufacturer S no. | Customer S no. | Sales R no. | Balance Sheet

Manager | Manager_ID | First name | Last name | Email | Sales R no. | Manufacturer S no. | Number of manufacturers | Payments

Manufacturer | Manufacturer_ID | First Name | Last Name | House No. | Locality | City | PIN | State | Email ID | Product category | No. of products

Group - 111
Pranav Aggarwal(2021551)
Prerak Gupta(2021552)

ER Diagram

https://lucid.app/lucidchart/26908199-8025-435d-b24d-ed784a5be643/edit?viewport_loc=127%2C333%2C3521%2C1642%2C0_0&invitationId=inv_1dc3e9bf-95b3-4653-b3fd-6269ef601228

Relational Model

https://lucid.app/lucidchart/a56dbff3-1f14-449e-838c-b14d03b3fbef/edit?viewport_loc=40%2C-188%2C2778%2C1632%2C0_0&invitationId=inv_095d3793-4b1f-4389-95d8-bd3c8db4d6f6