

Umami Kitchen




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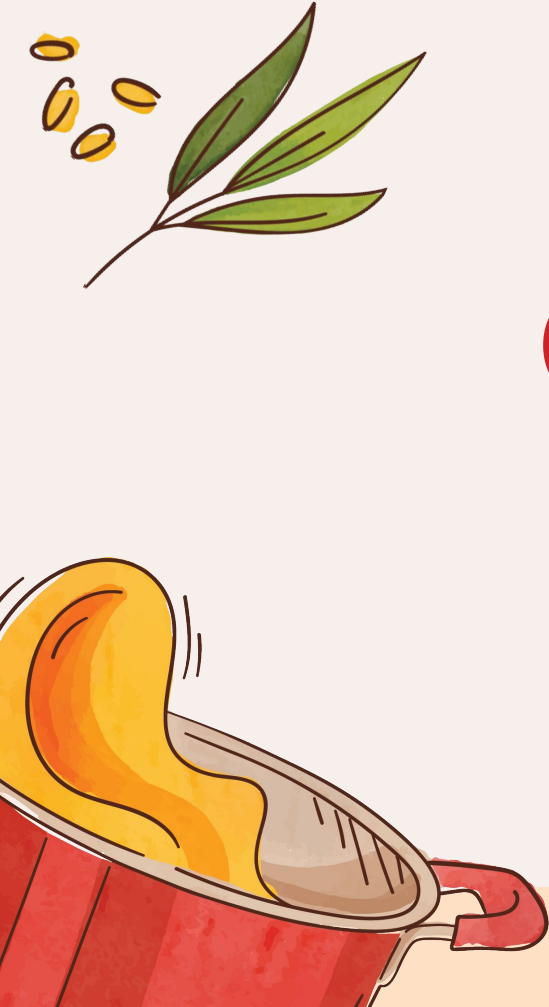


What is Umami Kitchen?

Our Asian Meal kit subscription service caters to the growing demand for **authentic, restaurant-quality** Asian cuisine at home. With pre-portioned ingredients and easy-to-follow recipes, it **reduces food waste** and features **high-quality ingredients** often unavailable at local stores. Influencers play a key role in showcasing the convenience and variety of these kits. Our project models how the company integrates customer preferences, supplier coordination, and influencer marketing to deliver a sustainable, high-quality service.



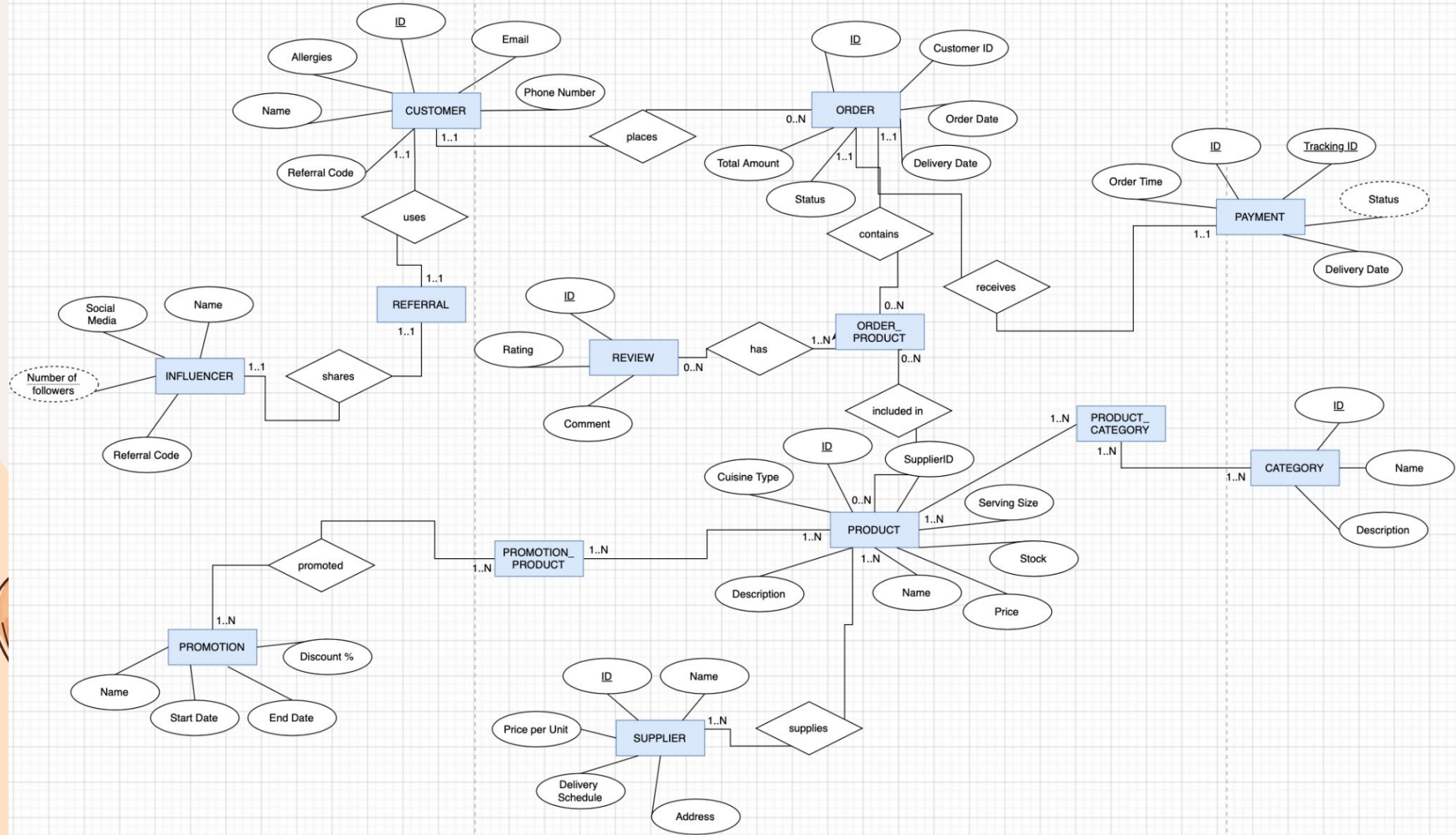
Conceptual Modeling





EER Diagram

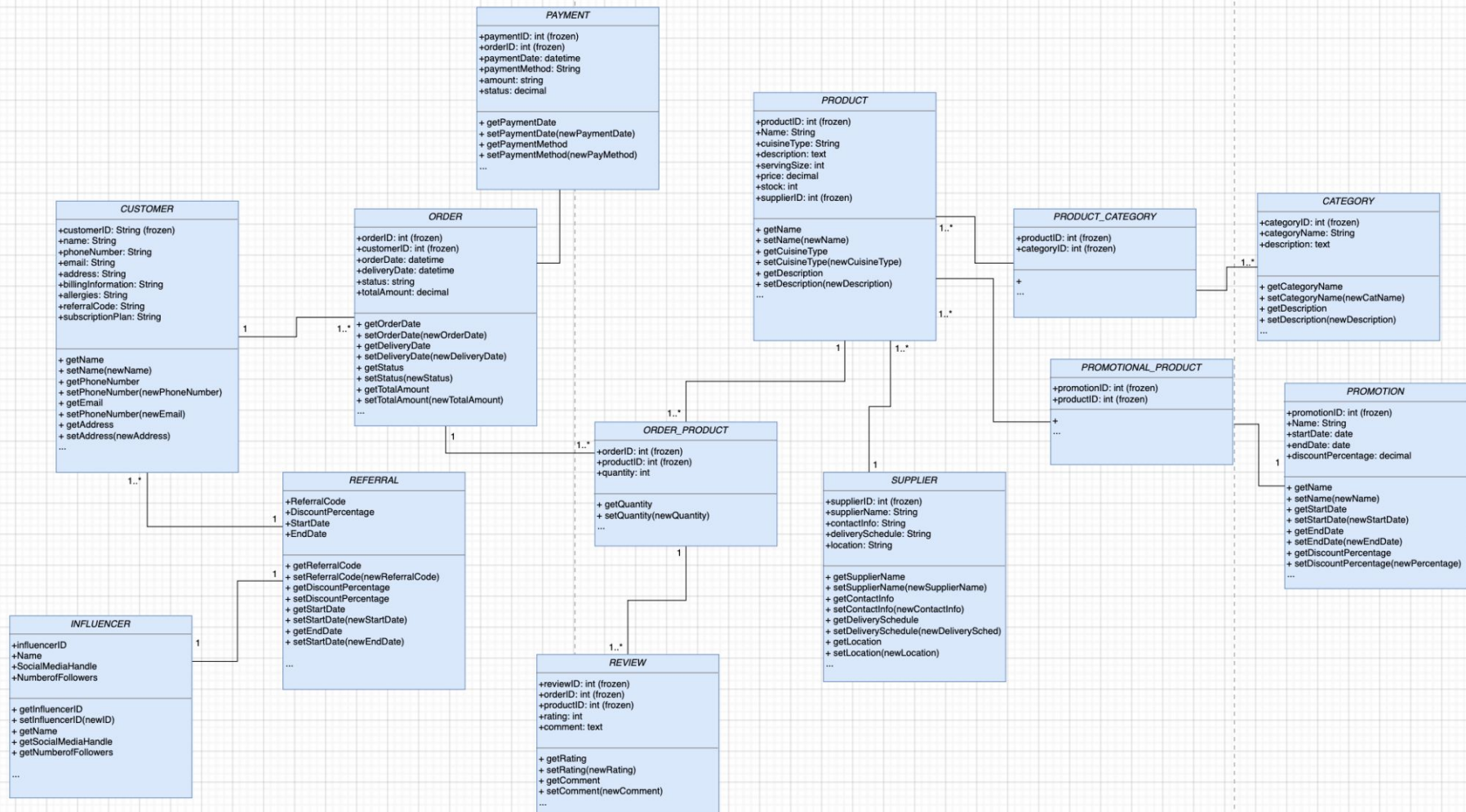




A decorative illustration featuring various kitchen items: a wooden rolling pin, green leaves, yellow seeds, a red pot with the number '02', a red-handled knife, a wooden fork, a wooden spoon, and red seeds. The background has light orange wavy shapes.

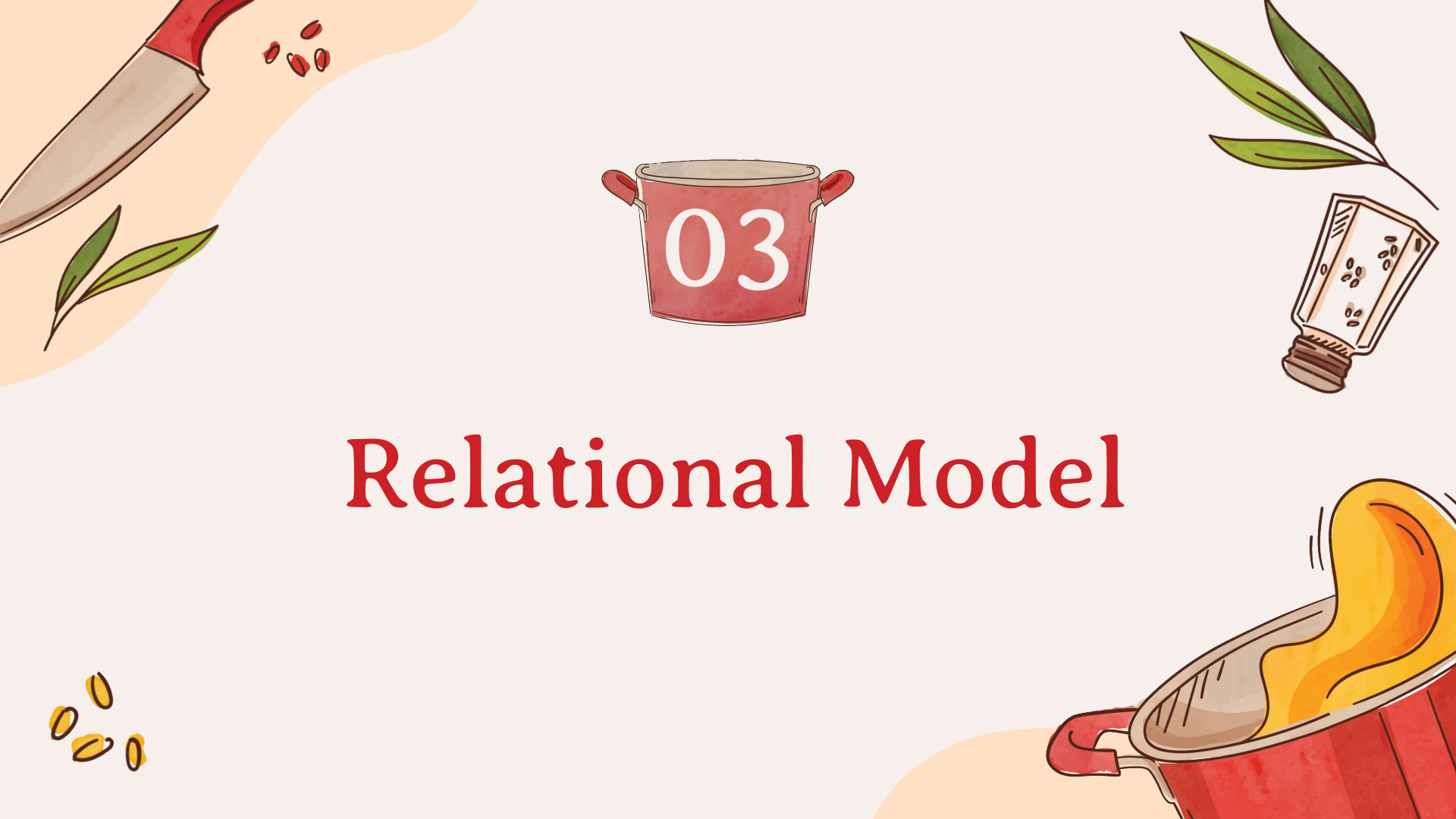
02


UML Diagram





Relational Model







Customer(CustomerID (PK), Name, Email, PhoneNumber, Address, Allergies, Subscription Plan, ReferralCode (FK))

- **CustomerID:** Primary key for customers. Unique ID for each customer. NOT NULL
- **Name:** Full name of the customer.
- **Email:** Email address of the customer.
- **PhoneNumber:** Contact phone number of the customer.
- **Address:** Residential address of the customer.
- **Allergies:** Details of allergies (if any) for the customer.
- **SubscriptionPlan:** The type of subscription plan the customer is on.
- **ReferralCode:** Foreign key linking to a referral code.

Influencer(InfluencerID (PK), Name, Social Media Handle, Number of Followers, Referral Code (FK))

- **InfluencerID:** Primary key for influencers. Unique ID for each influencer. NOT NULL
- **Name:** Full name of the influencer.
- **SocialMediaHandle:** Social media username/handle of the influencer.
- **NumberOfFollowers:** Total number of followers the influencer has.
- **ReferralCode:** Foreign key linking to a referral code.

Order(OrderID (PK), CustomerID(FK), Order Date, Delivery Date, Status, Total Amount)

- **OrderID:** Primary key for orders. Unique ID for each order. NOT NULL
 - **CustomerID:** Foreign key linking to the customer placing the order. NOT NULL.
 - **OrderDate:** Date when the order was placed.
 - **DeliveryDate:** Date when the order is expected to be delivered.
 - **Status:** Current status of the order (e.g., pending, delivered).
 - **TotalAmount:** Total cost of the order.
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Payment(PaymentID (PK), OrderID (FK), PaymentDate, PaymentMethod, Amount, Status)

- **PaymentID:** Primary key for payments. Unique ID for each payment. NOT NULL
- **OrderID:** Foreign key linking to the associated order. NOT NULL.
- **PaymentDate:** Date when the payment was made.
- **PaymentMethod:** Method of payment used (e.g., credit card, PayPal).
- **Amount:** Amount paid.
- **Status:** Payment status (e.g., successful, failed).


Category(CategoryID (PK), Category Name, Description)

- **CategoryID:** Primary key for categories. Unique ID for each category. NOT NULL
- **CategoryName:** Name of the category.
- **Description:** Description of the category.

Product(ProductID (PK), Name, Cuisine Type, Description, Serving Size, Price, Stock, SupplierID (FK))

- **ProductID:** Primary key for products. Unique ID for each product. NOT NULL
- **Name:** Name of the product.
- **CuisineType:** Type of cuisine the product belongs to.
- **Description:** Description of the product.
- **ServingSize:** Suggested serving size for the product.
- **Price:** Price of the product.
- **Stock:** Current stock of the product.
- **SupplierID:** Foreign key linking to the supplier providing the product. NOT NULL

Product_Category(ProductID (FK), CategoryID (FK))

- **ProductID:** Foreign key linking to the product. NOT NULL
 - **CategoryID:** Foreign key linking to the category. NOT NULL
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Supplier(SupplierID(PK), Name, Contact Info, Delivery Schedule, Location)

- **SupplierID:** Primary key for suppliers. Unique ID for each supplier. NOT NULL
- **Name:** Name of the supplier
- **ContactInfo:** Contact details of the supplier.
- **DeliverySchedule:** Regular delivery schedule of the supplier.
- **Location:** Location of the supplier.

OrderProduct(OrderID (PK), ProductID, Quantity)

- **OrderID:** Foreign key linking to the associated order. NOT NULL
- **ProductID:** Foreign key linking to the product in the order. NOT NULL
- **Quantity:** Quantity of the product ordered.

Promotion(PromotionID (PK), Name, Start Date, End Date, Discount Percentage)

- **PromotionID:** Primary key for promotions. Unique ID for each promotion. NOT NULL
- **Name:** Name of the promotion.
- **StartDate:** Date when the promotion starts.
- **EndDate:** Date when the promotion ends.
- **DiscountPercentage:** Percentage discount offered by the promotion.

Promotion_Product(PromotionID (FK), ProductID (FK))

- **PromotionID:** Foreign key linking to the promotion. NOT NULL
- **ProductID:** Foreign key linking to the product in the promotion. NOT NULL

Order_Product(OrderID (FK), ProductID (FK), Quantity)

- **OrderID:** Foreign key linking to the associated order. NOT NULL
- **ProductID:** Foreign key linking to the product in the order. NOT NULL
- **Quantity:** Quantity of the product ordered.

Referral(ReferralCode (PK), Discount Percentage, Start Date, End Date)

- **PromotionID:** Primary key for promotions. Unique ID for each promotion. NOT NULL
- **Name:** Name of the promotion.
- **StartDate:** Date when the promotion starts.
- **EndDate:** Date when the promotion ends.
- **DiscountPercentage:** Percentage discount offered by the promotion.

Review(ReviewID (PK), OrderID (FK), ProductID (FK), Rating, Comment)

- **PromotionID:** Foreign key linking to the promotion. NOT NULL
- **ProductID:** Foreign key linking to the product in the promotion. NOT NULL



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SQL Query Demo

