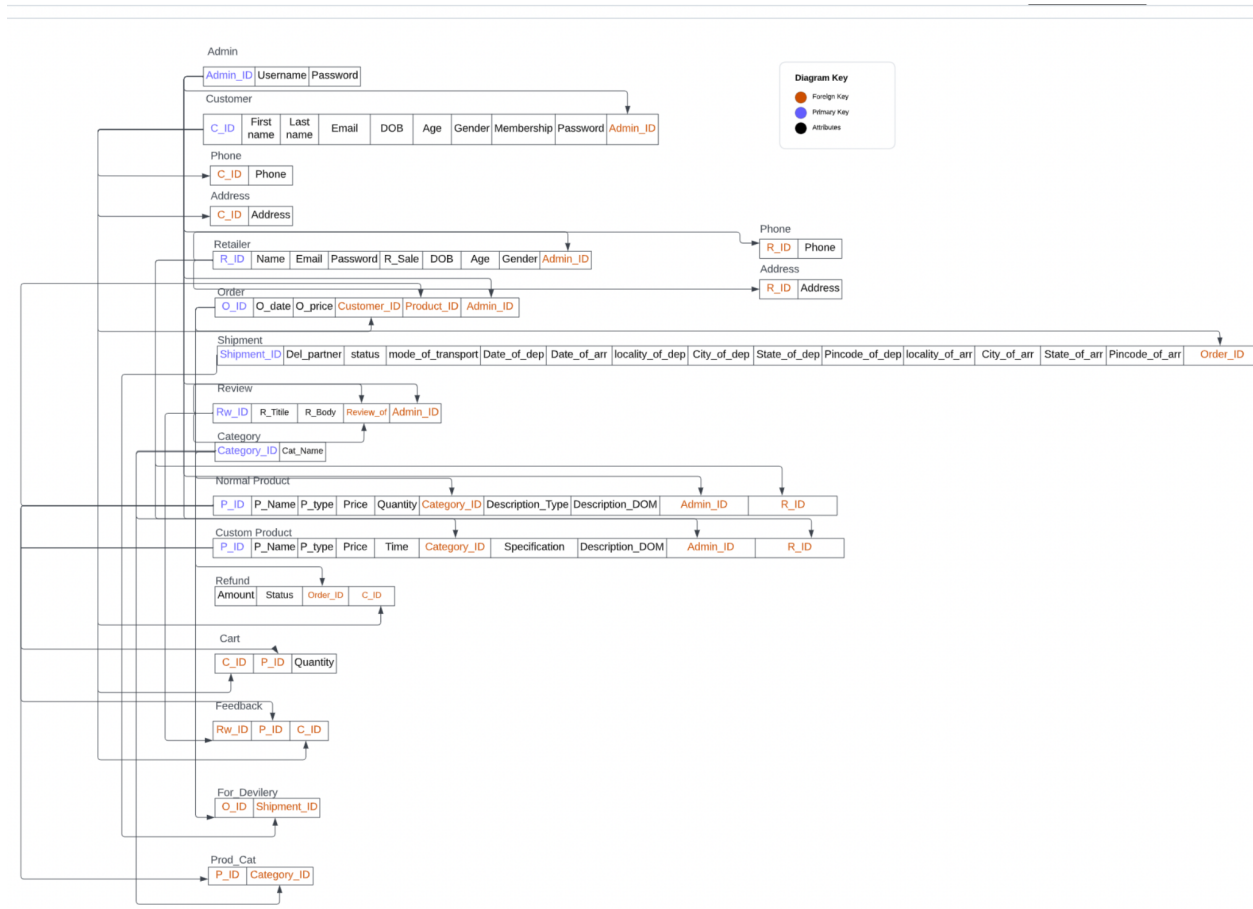# RICHFLEX QUERIES

payment:payment_id,C_ID,O_ID,medium,amount paid_Date

QUERIES AND THEIR EXPLANATION

QUERY-1:
Returns the order ID, shipment ID, mode of transport and product name of all orders that have a status of "Delivering" in the shipment table

Customers will need this query to check where their order is and Retailers to track which order are still out for Delivery.

QUERY-2:
Returns the total amount to pay in the cart by the customer on products in each category

This query can help provide valuable insights into customer behavior and preferences, which can be used in business decisions and strategies.

QUERY-3:
Updates the password of a specific customer
Used in case customer forgets his/her password

Query-4:
Deletes the review with review id 26
Used if review uses some foul language and not appropriate

Query-5:

Create a view that shows the total number of orders by the customer.
And using that to get the number of orders for a particular customer

This query optimises inventory management and improves customer service by identifying popular products and ensuring they are always in stock.

Query-6:
Returns the names of customers who have placed more than two orders and the count of their orders.

Retailers can use this information to identify loyal customers and reward them with exclusive discounts and special offers.

Query-7:

using the natural join operation to combine tables based on their common attributes. and returning the first name, last name, order ID, order price, and product name for all customers who are 18 or older and have ordered a product that costs more than 100000 Rs.

It can be used by Admin to create targeted marketing campaigns to drive sales on the site.

Query-8:

Using difference operations to find the customers who have not made any orders

It can be used by the admin to analyse why these customers have yet to place any orders, such as website usability issues, pricing, or product selection, and make necessary improvements to boost customer engagement and sales.

Query-9:
returns the first name, last name, order ID, order date, and shipment status for all orders cancelled in the year 2022.
This information can be used to follow up with these customers, offer assistance, and resolve any issues that led to the cancellation.

Query 10
Returns the Retailer name, Order date and price, Product name and price for all orders of products in category one placed by retailers whose sales are greater than 100000 and then printing the results ordered by order price in descending order.

The query results can be used to optimise the retailer's product offerings and prices and improve the overall customer experience.

Query 11:
Calculates the total sales for each retailer by summing the order price of their products And groups the result by the retailer's name.
This query helps analyse the sales performance of different retailers and can be used to identify the top-performing retailers and those needing improvement.

Query 12:
Returns payment information and customer name and sorts the result by payment id in ascending order.
The result of this query can be used by the retail store to track and manage customer payments and detect any payment issues or discrepancies.

Query 13

Returns the total amount to pay in the cart by the customer on products

This query is used to display the total amount payable by the customer to checkout.