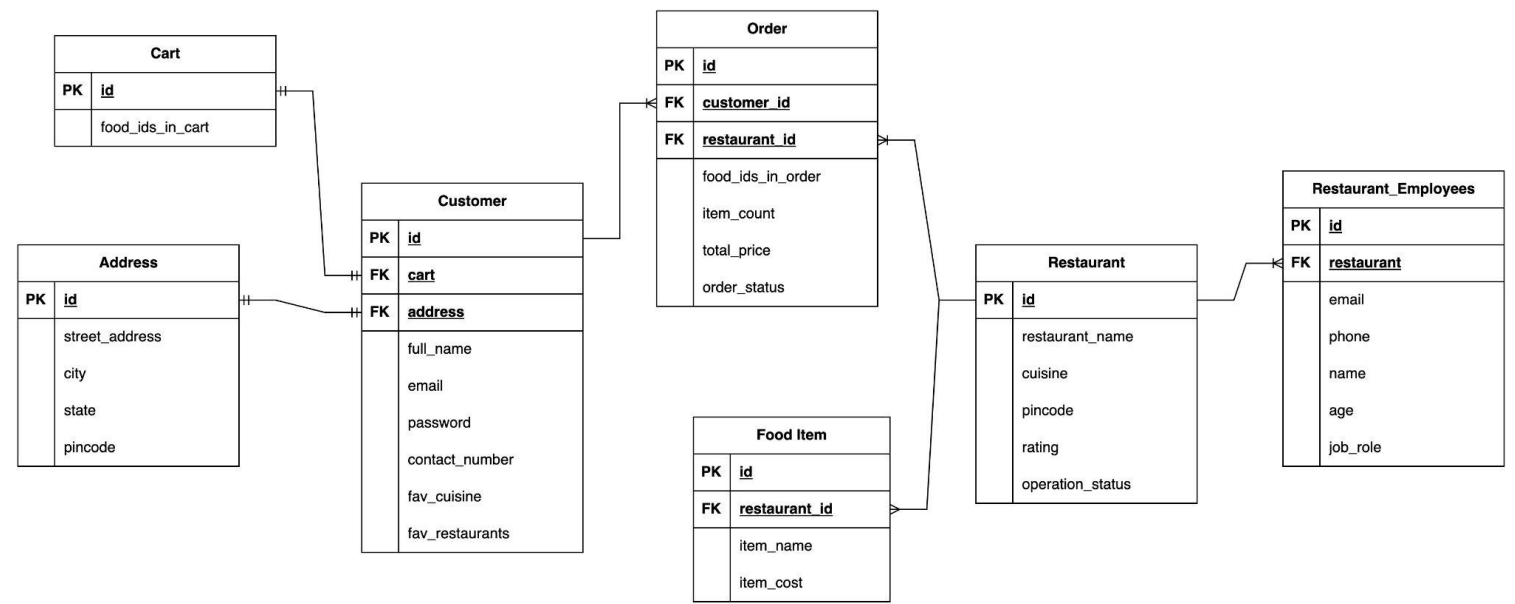


Entity Relationship Diagram	1
Customer Entity	1
Cart Entity	2
Address Entity	2
Restaurant Entity	2
Food Entity	2
Restaurant Employee	3
Order Entity	3

Entity Relationship Diagram



Customer Entity

Column	Explanation
id (Primary Key)	Customer ID. Unique. Not Null.
cart (Foreign Key)	ID of the cart which belongs to this customer. The food items added by customers are stored in this cart. When the order is submitted by the customer, the cart's value is calculated, and is put into the customer's order history. Cart is cleared for a fresh order to be built.
address (Foreign Key)	Customer's address id stored in address table.
full_name	Customer's full name.
email	Customer's email. Also used to authenticate customers.
password	Authentication password which the customer set's on registration.
contact_number	Customer's contact details.
fav_cuisine	Customer's favorite cuisine. Restaurant's can be displayed to the customer based on the cuisines for the betterment of user

	experience.
fav_restaurants	Based on past orders, customers can add restaurants to their favorite list.

Cart Entity

Column	Explanation
id (Primary Key)	Cart ID. Not Null. Unique.
food_ids_in_cart	When a customer adds food, the ids are stored in the respective cart.

Address Entity

Column	Explanation
id (Primary Key)	Address ID. Unique. Not Null.
street	Street address
city	City field of address
state	State field of address
pincode	Pincode field of address. City and Pincode fields can be used to show customer restaurants in the area to order from.

Restaurant Entity

Column	Explanation
id (Primary Key)	Restaurant ID. Unique. Not Null.
restaurant_name	Name of the restaurant. Restaurant can be searched based on the name.
cuisine	Cuisine that restaurant serves.
pincode	Pincode where the restaurant is located. Restaurants can be searched based on the pincode.
rating	Customer rating of the restaurant. Can be averaged out and updated with each customer input.
operation_status	If the restaurant is open to delivery at the moment or closed.

Food Entity

Column	Explanation
id (Primary Key)	Food ID. Unique. Not Null.
restaurant_id (Foreign Key)	Food items belong to a restaurant. This field stores the restaurant ID to which this food item belongs.
item_name	Name of the food item.
item_cost	Cost of the food item.

Restaurant Employee

Column	Explanation
id (Primary Key)	ID of the employee. Unique. Not Null.
restaurantr_id(Foreign Key)	ID of the restaurant with which the employee works.
email	Email of the employee.
phone	Phone number of the employee.
name	Name of the employee
age	Age of the employee
job_role	Job role (Authorization) of the employee. (ADMIN/CHEF/OWNER)

Order Entity

Column	Explanation
id (Primary Key)	Order ID. Unique. Not Null.
customer_id (Foreign Key)	ID of the customer who has submitted the order request. This helps to fetch the order history of the customer.
restaurant_id (Foreign Key)	ID of the restaurant to which the order was submitted.
food_ids_in_order	IDs of the food items which are part of order.
item_count	Total number of food items in this order.
total_price	Total cost of this order. (Tax calculated using the tax table.)
order_status	Status of the order. Can only be changed by restaurant admin. Authorization involved.