

Database Management and Database Design Design Document

Restaurants Food Delivery Management

Team Members

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Design Details

Table Name	Primary Key and Data Type	Function
RESTAURANT	RestaurantID int	To store restaurant information
MENU	MenuID int	To store Menu items information
CUSTOMERS	CustomerID int	To store customer data
PERSON	PersonID int	To store Person information
DELIVERY PARTNER	DPersonID int	To store delivery patner information
MANAGER	MPersonID int	To Manager information
ORDERS	OrderID int	To store order information
ORDERLINE	(OrderID, MenuItemID)(int,int)	To store orderline information
Payment Options	PaymentOptionID int	To store Payment information
DELIVERY ADDRESS	DeliveryAddID int	To store delivery address information
FEEDBACK	(CustomerID, RestaurantID)(int,int)	To store feedback information

Steps	Role
1 Adding Restaurants	System Admin
2 Adding Menu	Restaurant Admin
3 Adding Delivery Partner	System Admin
4 Adding Customer	System Admin/Self
5 Adding Delivery Address	Customer
6 Adding Payment	Customer
7 Adding Order	Customer

	Customer	Delivery Address	Restaurant	Menu	Order	Order Line	Payment Option	Delivery Partner
Customer		1 M to Many O	-	-	1 M to Many O	-	1 M to Many O	-
Delivery Address	Many O to 1 M		-	-	1 M to Many O	-	-	-
Restaurant	-	-		1 M to Many O	1 M to Many O	-	-	-
Menu	-	-	Many O to 1 M		-	Many O to 1 M	-	-
Order	O Many to 1 M	1 M to Many O	1 M to Many O	-		1 M to Many M	1 M to Many O	1 M to Many O
Order Line	-	-	-	1 M to Many O	Many M to 1 M		-	-
Payment Option	Many O to 1 M	-	-	-	Many O to 1 M	-		-
Delivery Partner	-	-	-	-	Many O to 1 M	-	-	