

ASSIGNMENT-1

Create a Mini Data World for any domain

Analyze the system and define the segments mentioned below:

1. Domain / Scenario chosen: Online Food Delivery

2. Data description:

- Customer
- Restaurant
- Menu Item
- Order
- OrderDetails
- Delivery Partner

3. Types of Users :

- Customer
- Restaurant Owner
- Delivery Partner
- Admin

4. Challenges faced in the traditional implementation of the system.

- No online order services.
- Manual phone call orders.
- Cannot see live menu or prices.
- Payment only in cash.

5. How does DBMS help in overcoming the challenges faced.

- All orders are stored digitally.
- Customers can track their orders live.
- Online payment system.
- Live menu, prices, and restaurant details.

6. List the tables that can be used in the system.

CUSTOMER NAME PH NO.	ADDRESS	RESTAU- RANT NAME	ITEM NAME	PRICE	QUAN- TITY	PREPAR- ATION TIME	TOTAL PRICE	PAYM- ENT MODE	DELIVERY PARTNER	STATUS
RAKESH 9883776595	BTM LAYOUT	OLIVE STREET FOOD	GRILLED CHICKEN PAROTA	120/-	2	20MIN	240	UPI	SUNIL RAJ	DELIVERED
RAMYA 9876897654	KR PURAM	RUCHI'S KITCHEN	CHICKEN BIRYANI	340/-	1	30MIN	340	CASH	MADHAN	PREPARING
RAM 9865432670	JP NAGAR	RAMESH- WARA CAFE	MAASAL DOSA	275/-	1	25- 30MIN	275	UPI	MOHAN	PREPARING

7. Prepare schema for each table/relation

Customer places an order

Order is linked to

RESTAURANT.

DELIVERY PARTNER.

Order has multiple order details.

Each order details points to a menu items.

Each menu items belongs to a restaurants.