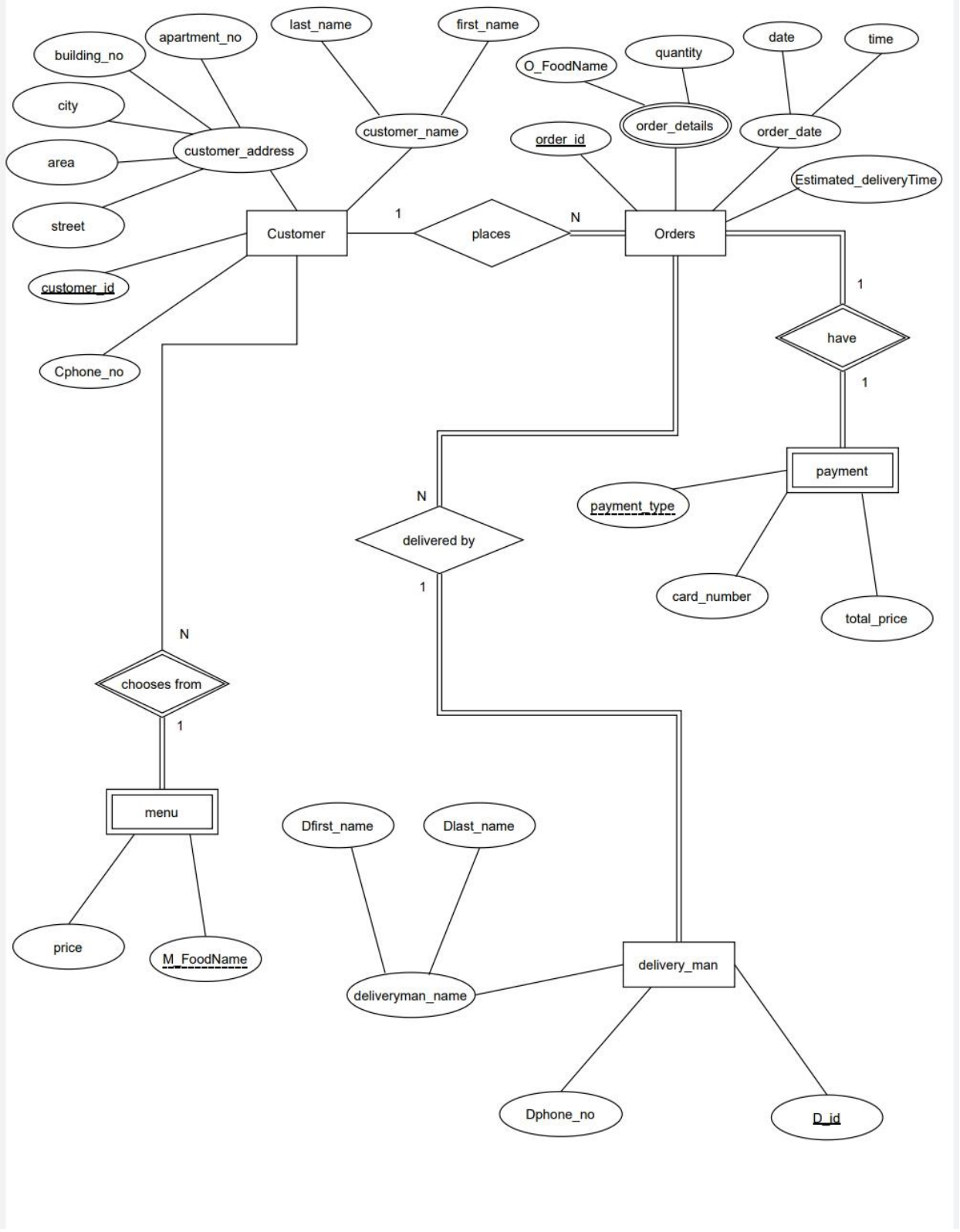
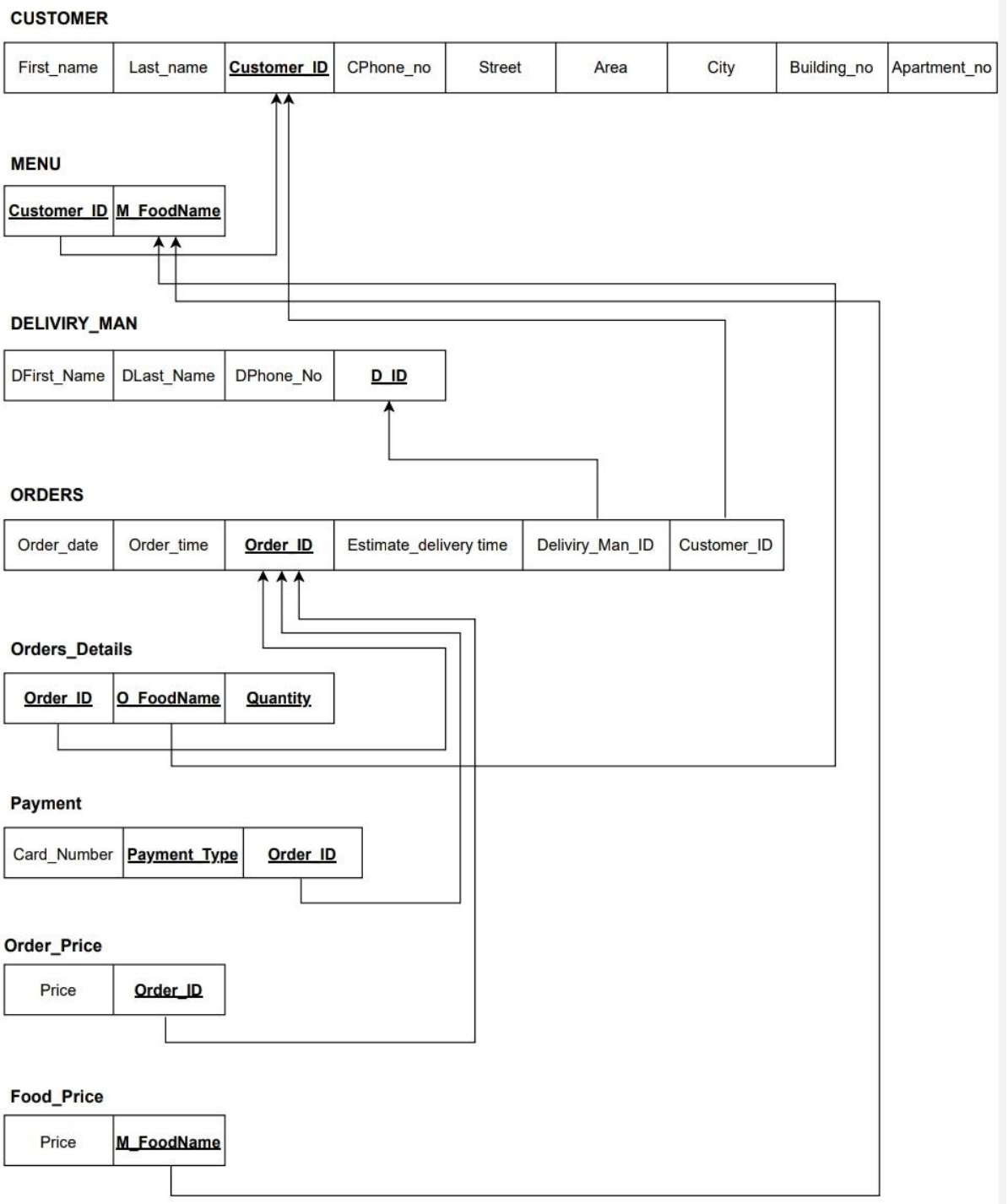
○ERD:


last_name
first_name
apartment_no
building_no
city
area
street
customer_address
customer_name
customer_id
Cphone_no
Customer
1
places
N
Orders
O_FoodName
quantity
date
time
order_details
order_date
order_id
Estimated_deliveryTime
1
have
1
payment
payment_type
card_number
total_price
N
delivered by
1
N
chooses from
1
menu
price
M_FoodName
Dfirst_name
Dlast_name
deliveryman_name
delivery_man
Dphone_no
D_id

○ Schema:


CUSTOMER
First_name
Last_name
Customer_ID
CPhone_no
Street
Area
City
Building_no
Apartment_no
MENU
Customer_ID
M_FoodName
DELIVIRY_MAN
DFirst_Name
DLast_Name
DPhone_No
D_ID
ORDERS
Order_date
Order_time
Order_ID
Estimate_delivery time
Deliviry_Man_ID
Customer_ID
Orders_Details
Order_ID
O_FoodName
Quantity
Payment
Card_Number
Payment_Type
Order_ID
Order_Price
Price
Order_ID
Food_Price
Price
M_FoodName

○ Description:

• We are designing an online food ordering system that lets our customers order through an application. The order is confirmed automatically by the application. The customer's order from a menu and the deliveryman delivers that order. The customers either pay by a credit/debit card or cash on delivery.

• It contains CUSTOMERs' details, DELIVERYMAN's details, MENU's details, ORDERs' details and PAYMENTs' details.

• Customer has unique ID, a name (first name and last name), phone number and address (city, area, street, building number and apartment number). A customer chooses from one menu and can make many orders.

• Deliveryman has unique ID, a name (first name and last name) and a phone number. A deliveryman can deliver many orders.

• Menu has food names and prices for the food. One menu can be chosen from many customers.

• Orders have unique ID, date of the order (date and time), estimated delivery time and the order details which contain one or more than one value (food name and quantity). One order is taken from one employee and is placed by one customer. It also has one payment.

• Payments are for the orders have a payment type, credit/debit card number and the total price of the order. A payment can be for one order only.