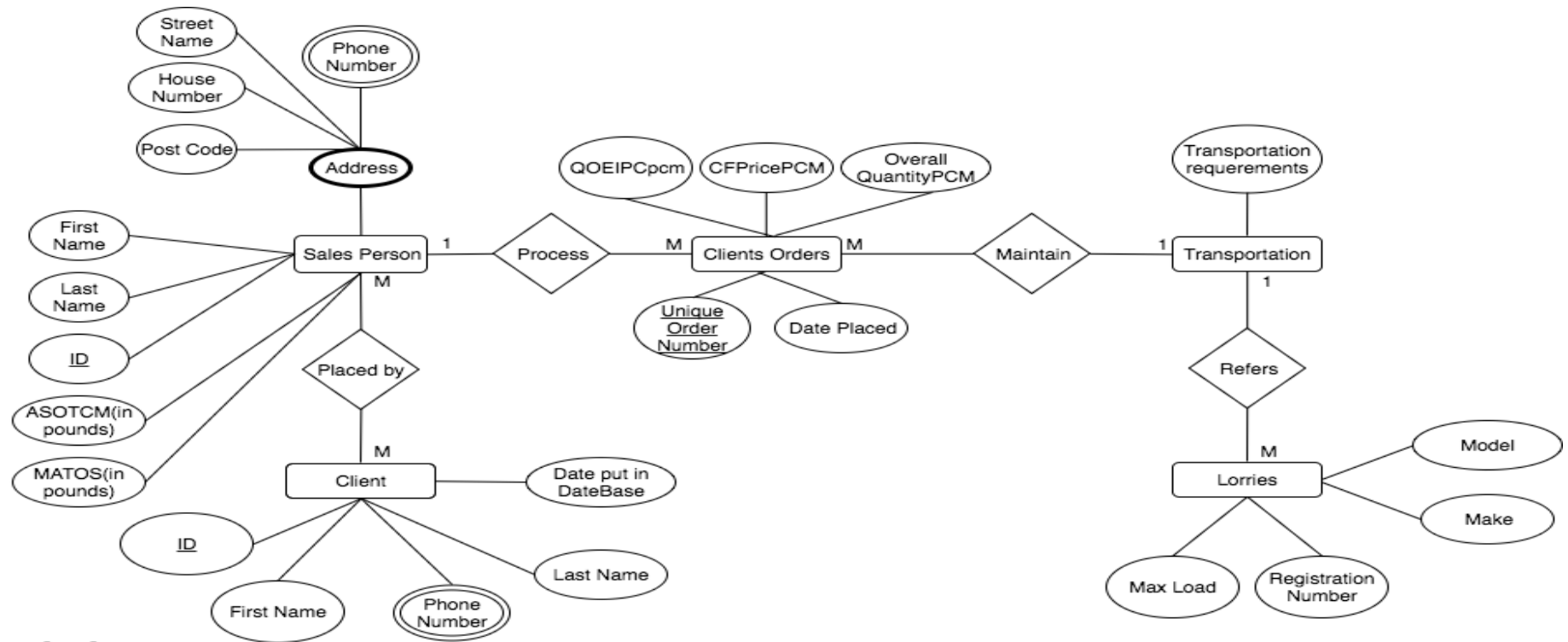


# Assignment 1

## Question 1



### Abbreviations

ASOTCM = Actual achieved sales of the current month (in pounds).

MATOS = Monthly accumulated target of sales.

QOEIOPC = Quantities of each individual participating client.

CFPPCM = Current firewood price per cubic meter.

## Question 2

- A) No, because there are only 2 options either a table order or a phone order or both.
- B) 2 set of attributes, number and name.
- C) Yes, because both phone and table orders relate to Order.

## Question 3

- A) It is already expressed in the Enhanced Entity-Relationship model (EER) of Table 2.

Using the (1:M) we can see that many table orders can originate from one table and many tables originate from one restaurant.

- B) It is not already expressed in the EER of Table 2 on the next page but could be expressed using only features of an EER model.

## Question 4

Table(name,number)

Primary key(name,number)

Foreign key name Table Restaurant(name)

Order(billingNo,dateTime,total)

PhoneOrder(billingNo,postcode,street,city)

TableOrder(billingNumber,waiter,dateTime,total)

Restaurent(name,phone\_num)

Primary key(name)