Marsol Business Rules

Marsol application provide to service users by assign to many markets where:

Markets have market id, market name, hot line.

Users have user id, username, phone number, email, address, where user id identify each user on application and each user may shop from many markets and one market may be shopped by many users.

Each user can make reviews on each market where each review has a review number.

Users may do many orders and each order must be done by one and only one user.

Order has order id that identifies each order and must contain at least one item that has item id, item name, production date, expiry date, price, and each item may be placed in one market and each market must have many items.

Each payment has a payment id that identifies each payment, payment method, payment amount.

Each order has one and only one payment.

Each payment is made for one and only one order.

There is a card that contains the information of orders, delivery person and users. Each card has information about order details, user, date and delivery person where delivery person has delivery id, delivery name and phone.

The delivery person can deliver orders to one user, the user receives only one order from the delivery person and user receive order from one delivery person.