

Case description: FoodLL

The famous restaurant FoodLL wants to extend the catering service, next to the restaurant where people come to enjoy their meal. They have asked us to create an app to improve their administrative processing. They work as follows:

The catering service offers customers the possibility to choose certain menus or to choose from certain dishes. This choice is made known while placing the order. This order must take place at least one week before the delivery date and means that the customer will come to choose what he wants to order for what moment. The customer also has to mention whether he will pick up the order himself (it can also be delivered at a certain address). In the case of hot dishes, it must also be known whether the customer will heat them up himself or whether they must already be heated up.

A person only becomes a customer when he makes his first order and remains a customer until 10 years after his last order.

We need to know the name, address and customer type of each customer (a distinction is made between new and loyal customers, but also between private and wholesale customers), as well as which orders he has ever made with us and whether he gave feedback on the order.

A person must be able to see an overview of the offering at any time. This can be a particular dish (with description and price) but also a certain menu. The latter must of course be known from which dishes it is composed, for each dish what part it fulfils in the menu (starter, main dish, intermediate dish or dessert) and what the price of this menu is. A price is always determined per person, but sometimes a discount is allowed for certain menus if a minimum number of people is ordered. It is also not the case that the price per person of a menu is the mathematical sum of the prices of the dishes that make up the menu.

An invoice is automatically made on delivery to the wholesale customers only. As a result, the VAT number and other mandatory information must always be provided for these customers. Private customers who also require an invoice must indicate this when ordering. Only then an invoice can be made. In that case, of course, the required extra information must also be provided with the order on the invoice.

Functional requirements

1. A person must be able to place an order. This can either be done by the customer himself via a web form, or else the customer can come on the spot or arrange the order by telephone. Then it is our reception desk officer who will input the order.
2. We are considering to also add catering at home, where a chef will prepare and serve selected dishes at your home.
3. Every Tuesday morning our cook goes to the market to buy fresh ingredients. The system must generate in advance what is definitely required (on the basis of orders), so that he certainly does not forget anything.
4. At the end of the month, the manager wants to see an overview of what has been prepared in that month, what the profit was and what invoices are still unpaid.
5. Sometimes the manager must also be able to offer certain promotions. This can be a general promotion that applies to everyone during a certain period, but that can also be a promotion for the installation of a new customer or for regular customers, or whatever