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**Problems:**

Pizza has become one of the most favorite delivery dishes nowsaday. In the past, customers often order through phone. However there were multiple problems:

* *Customers’ side:*

1. Customers cannot view menu or know about the new pizza type.
2. Customers cannot use coupon or voucher.
3. Customers need to wait until the telephonist answer.
4. Orders infomation may be changed due to the misunderstanding between customers and telephonists.
5. Customers need to inform address everytime they order.

* *Company’s side:*

1. Cannot store customers’ information.
2. Cannot store number of order per day, per month or which dish sold most.
3. Need a number of telephonists to serve the customers.
4. Need to determine and transfer order to appropriate restaurant.
5. Hard to manage the business of each restaurants.

When the number of customers is increasing rapidly day after day, the customers experience would be reduced as well as increase the risk of not managing several chain stores well.

As the result, a database need to be set up to solve these problems. Having a database, the company can public a website for the customers to order online. Moreover, it also help the company to manage their chain stores includes: income, favorite dish, feedback of customers …

**List of data objects:**

* Product (Name, Image, Description, Type, Kind, Size, Cheese, Price)
* Voucher (Name, Code, Percent of discount, Price discount)
* Customer (FullName, Phone, Address, Email, Username, Password)
* Employee(FullName, Phone, Address, Email, Username, Password)
* Order (OrderCode, Quantity, Name, SubTotal, TotalPrice, CustomersName, CustomersAddress, Voucher, Date, Time, StoresAddress, Status)

**Transaction:**

* Order pizza
* Create account
* Disable/Enable account
* Change password
* Add new dishes
* Edit dishes information
* Disable/Enable dishes
* Change status of order