Project Step 2 – Local Mini Market

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Entities and their definitions:

Customer has some attributes that customerID,name,age,regularCustomer,gender.

Wholesaler has some attributes that wholesalerID, productID, companyName, arrivalDay, type ,brandName.

Product has some attributes that productID,brandName,productType(like tobacco,drinks),stock,comingPrice,salePrice

Employee has some attributes that employeeName,age,gender.

MiniMarket has some attributes that marketName,location.

Business Process:

Mini Market owner makes deals with wholesalers.Wholesalers supply products determined day of each week.Owner calculates the prices of the products.After that,customers come and buy products.

Business Rules,Constraints:

1. At most two employee can work in the mini market.(constraint)
2. More than one wholesaler can supply more than one product.
3. The mini market can work with many wholesalers.
4. One costumer can buy one or more products from minimarket.
5. There is more than one customer of mini market.
6. A mini market has an owner which is also an employee.
7. Wholesaler bills products for minimarket.A wholesaler can bill one or more products for a minimarket.Each bill have a total amount associated with it.

Business Requirements:

System keeps a record of every customer that comes to the market.Thus,we can observe preferences of customers.

System keeps stock records for frequently bought products so that we don't have a stock-out problem later.

Customer Related Documents:

![metin içeren bir resim

Açıklama otomatik olarak oluşturuldu]()

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

Payment slip for Customer

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

Wholesaler Bill

ER Diagram:

