



FOOD ITEM

FoodItem represents the item the non-profit organisation is going to donate to provide food assistance for homeless people.

The food item can either be purchased from a supplier or donated

Assumptions :

- One donor can donate 1 to many food items. That is a food item need not be donated by a donor. At the same a food item can be donated by 0 to many donors (it can be from supplier)
assumption example : a rice bag can be donated by multiple donors and a donor can donate multiple food items like rice bag, wheat etc
- Similarly one supplier can supply 1 to many items. The food item need not be purchased from supplier it can be donated also (0 to many)
assumptions example : One pack for veggies can be bought many supermarkets and one supermarket can supply veggies , fruits etc

FOOD INFORMATION

Each food item has a food Information and FoodInformation cannot exist without a food so composition is considered

ASSUMPTIONS :

- One food item can have nutritional content information(FoodInformation) one to one. This is considered because, rice bag as a fooditem can be acquired from different supplier/donor can be of any packaging type serving size etc.

ORGANISATION :

Organisation "is a" donor. This symbolifies inheritance. So generalization is adopted for organisation and donor.

Contact Person :

A contact person is a part of organisation without which he cannot exist so composition relationship is adopted here

ASSUMPTIONS :

One contact person can belong to only one organisation at a time and one organisation can have only one contact person at a time so one to one relationship is adopted here.