FridgeITBC

Fridge

Fridge fields
- List<Nutriment>nutriments

Fridge methods
- remove(Nutriment n, double weight)
- add(Nutriment n)
- remove(Nutriment n)
- getNutriments()

Energy

Meal implements Energy

Meal methods
- equals(Object o)
- getFiber()
- getFats()
- getCarbohydrates()
- getProteins()
- getKcal()
- void remove(Nutriment n)
- Meal(List<Nutriment>nutriments,String name)
- void add(Nutriment n)
- void remove(Nutiriment n,double weight)

Meal fields
- String name
- id - int
- List <Nutriment> nutriments

Grocery extends Energy

Drink extends Nutriment

Food extends Nutriment

Grocery methods
- equals()
- getid()
- getName()
- String name(Grocery)

Grocery fields
- String company
- String name

Abstract class Nutriment extends Grocery

Nutriment fields
- int or double fats
- int or double proteins
- int or double weight
- int or double kcal
- int or double carbohydrates
- int or double fiber

Nutriment methods
- String company extends from Grocery
- String name extends from Grocery
- update(company,name,weight,kcal,proteins,carbohydrates,fats, fiber)
- getProteins()
- getCarbohydrates()
- getFats()
- getFiber()
- getKcal()
- getTotalProteins()
- getTotalNutriments
- toString()
- TotalNutrientTable

double getKcal()

Meal

Meal fields
- List<Meal>meals

Meal methods
- void remove(Meal m)
- getMeals()
- boolean add(Meal m)
- List<Meal> search(String s)
- List Meal search(List<Nutriment> nutriment)
- List<Meal>search(double kcal)
- toString()