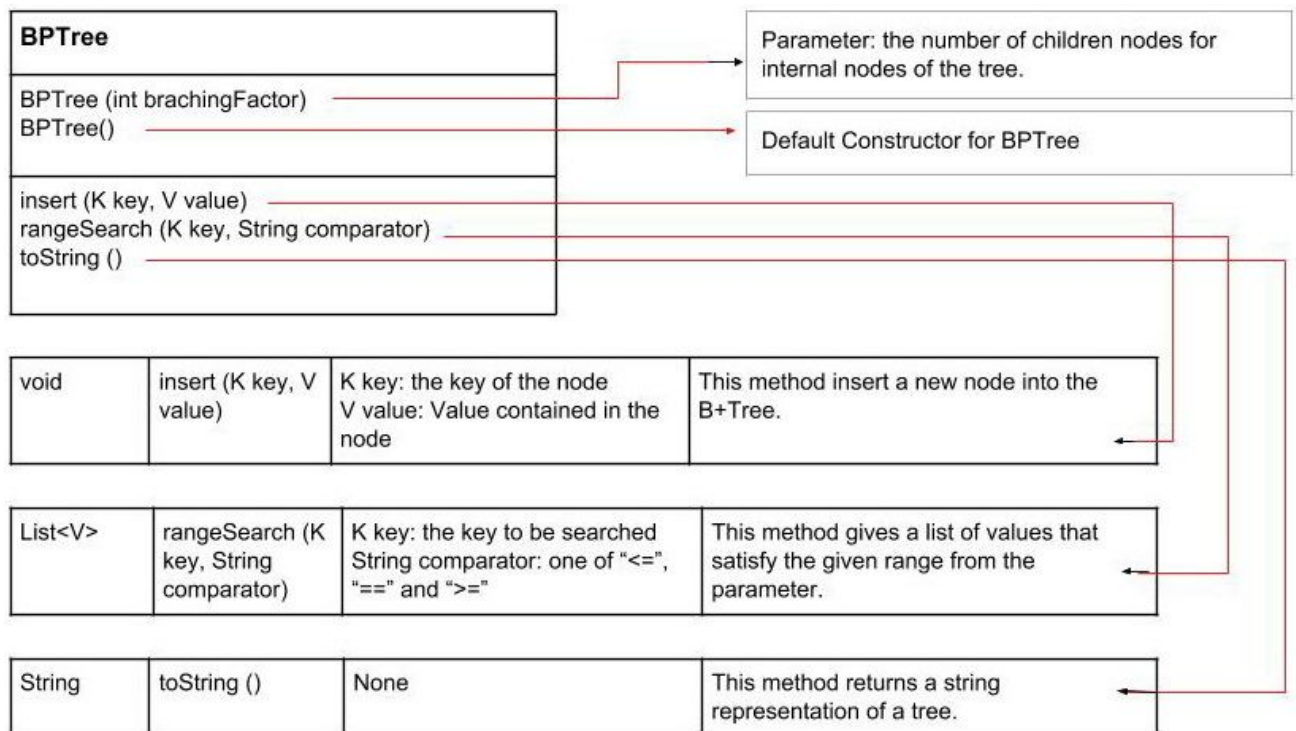


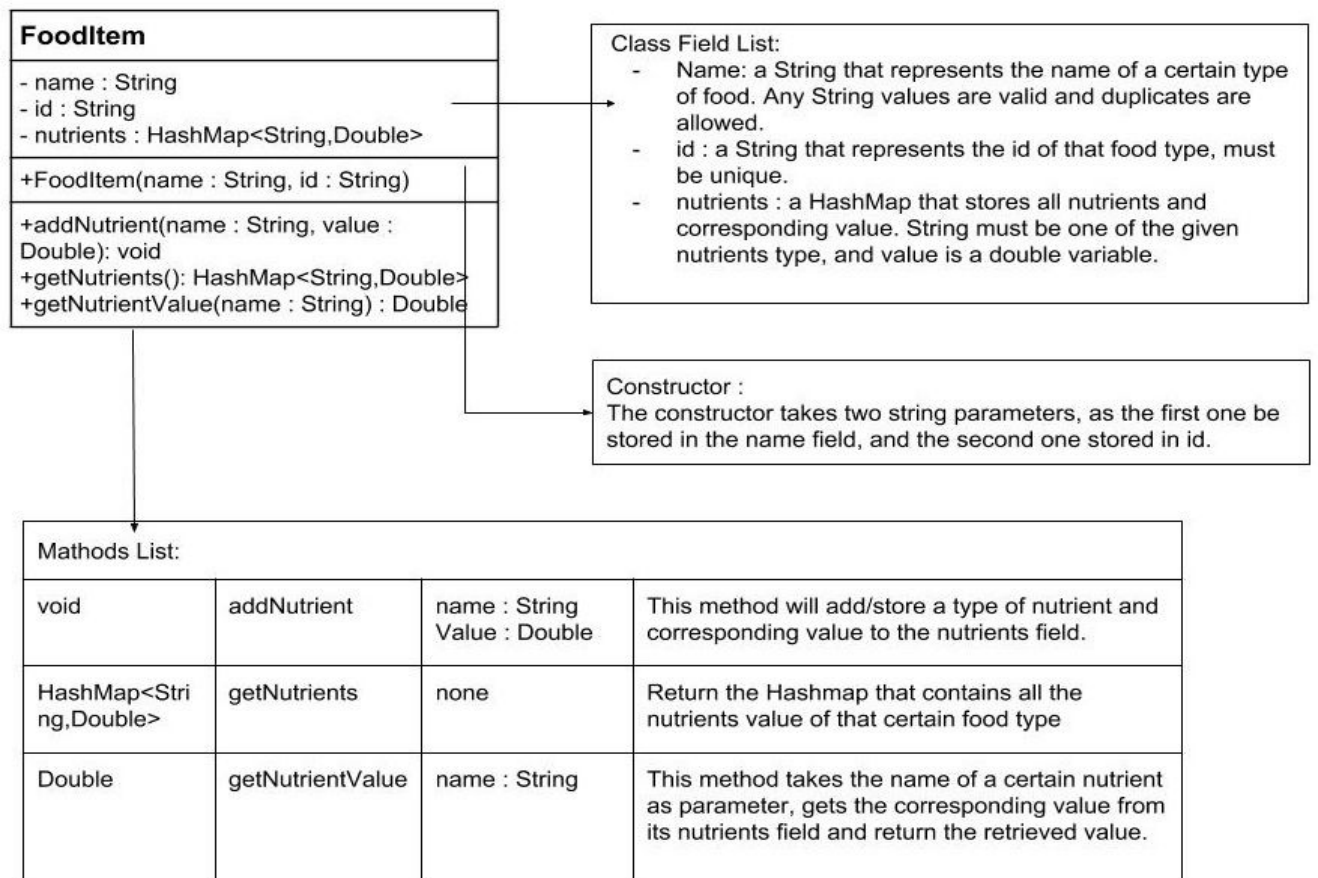
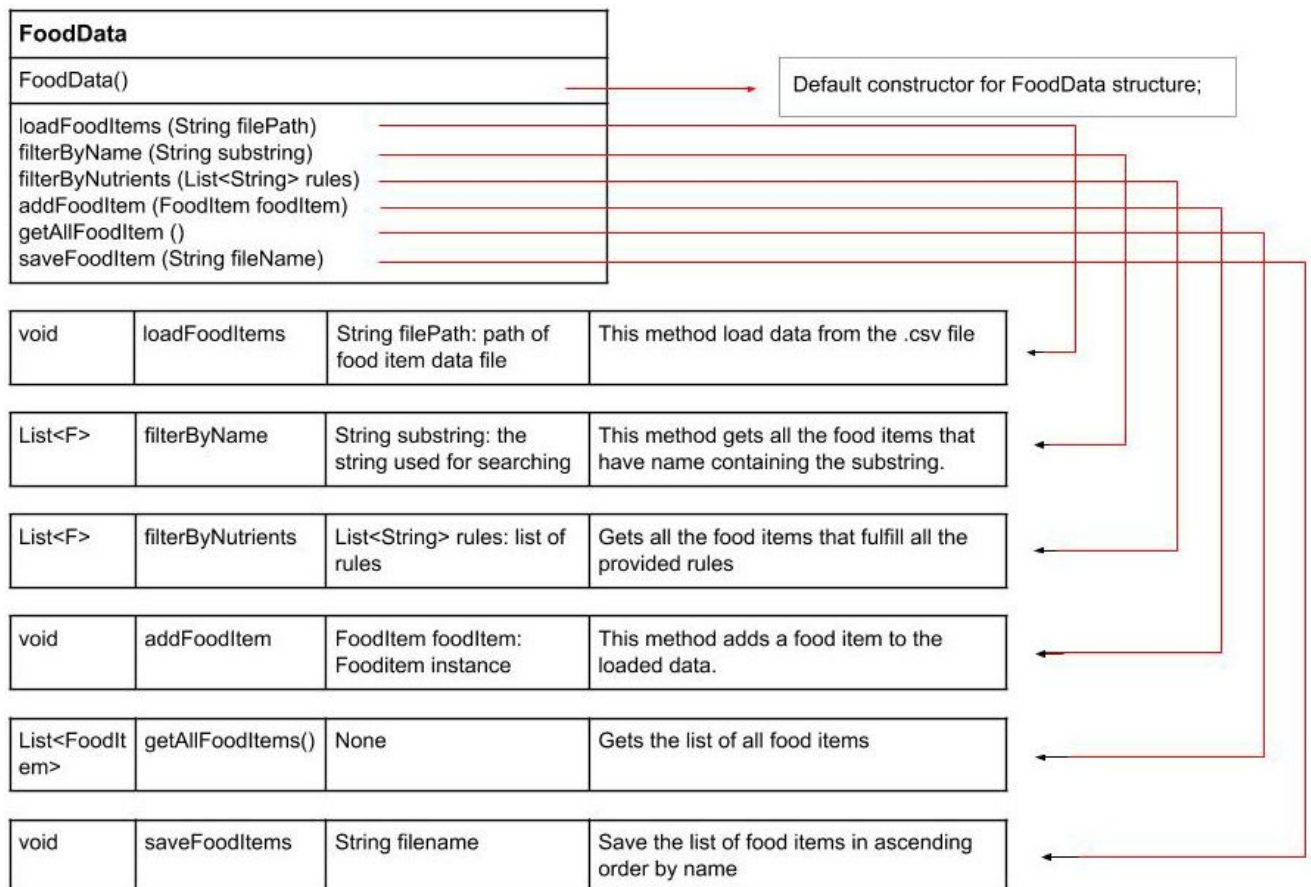
Food Query and Meal Analysis

Class Summary

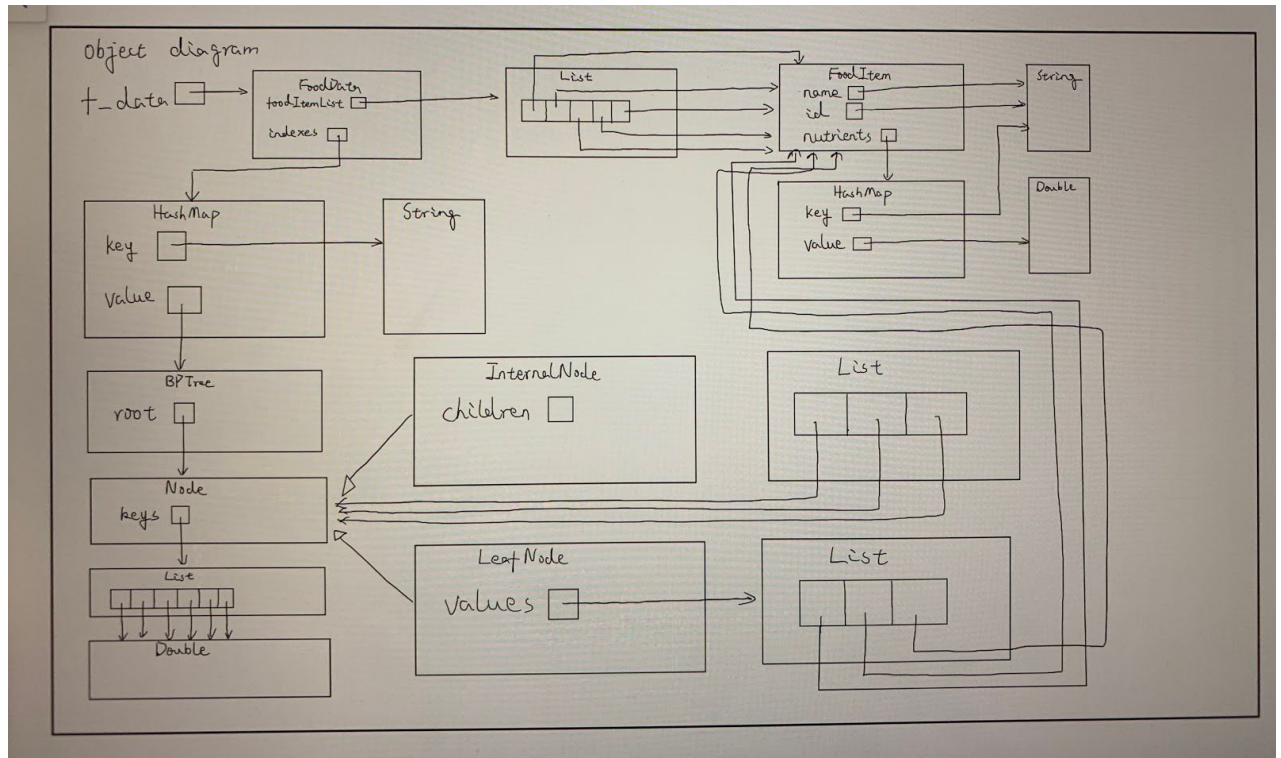
| enum, interface, class, abstract class | Name of the type | Description of use or purpose of this type |
|----------------------------------------|------------------|---------------------------------------------------------------------------|
| Interface | BPTreeADT | Defines required operations for B+ Tree |
| Class | BPTree | Implement BPTreeADT for Nutrient filter |
| Interface | FoodDataADT | Defines required operations for food item data |
| Class | FoodData | Implement FoodDataADT for processing food item data |
| Class | FoodItem | Provide all information of a type of food including name, nutrients, etc. |

Class Diagrams





Object Diagrams



GUI layout Sketch

