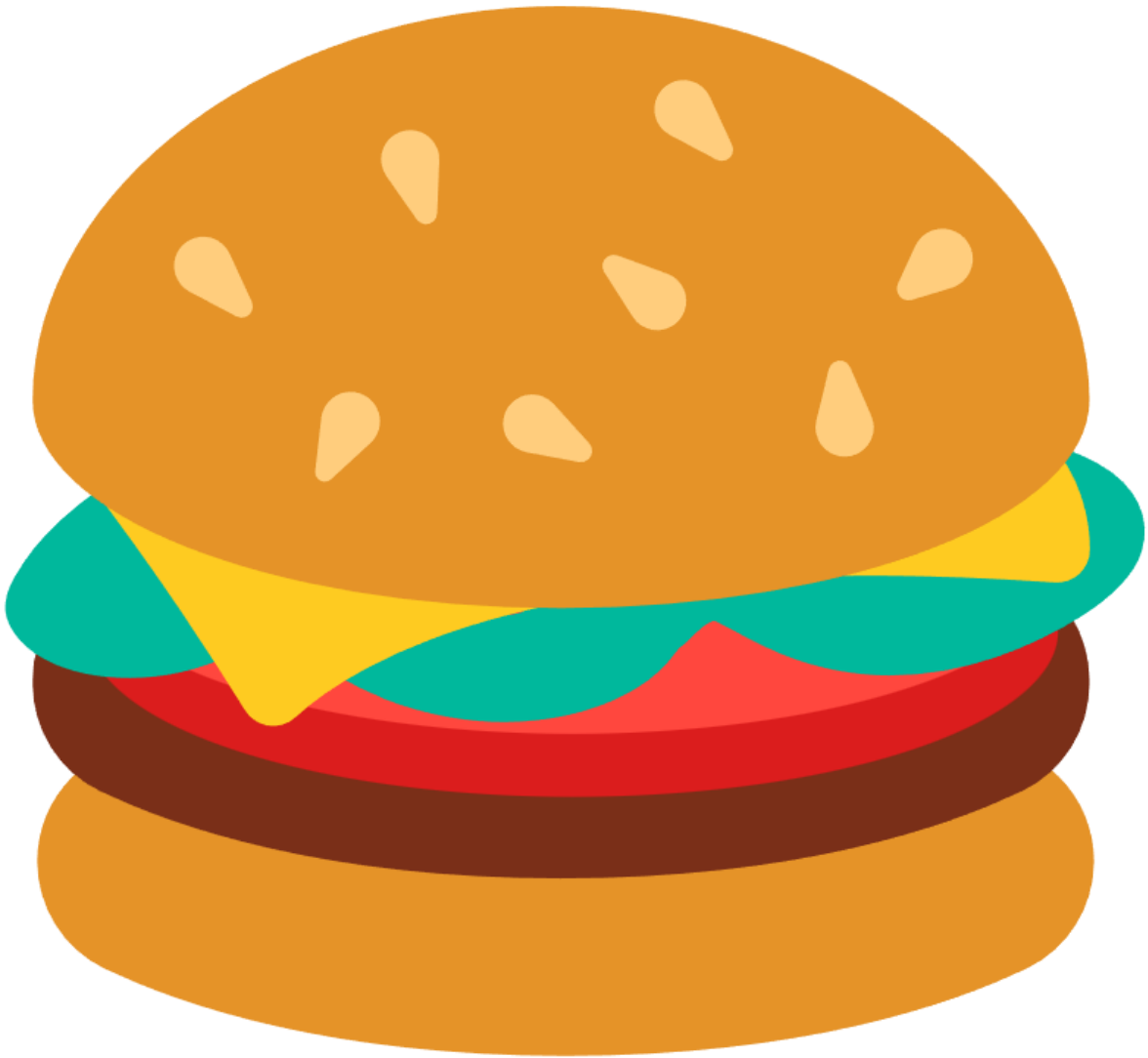


MyFitCook - database specification



1. Problem description:

The database contains information about the recipe (title, instructions for making and information about micronutrients and calories). The user, by entering his needs in kcal, can search for meals by name or tag, receiving recipes perfectly matched to his need in kcal.

2. Database model:

All variables are in int/varchar/text - operating on basic types will facilitate future migrations to simpler database engines

a. Dictionary:

- i. Instruction - recipe instructions, should not contain specific proportions (ex: 1/2 portion (specific weights are included in Ingredients table) instead of 500g of flour)
- ii. Proteins/Fats/Carbs g_value contains how many /this/ elements are in one referencial portion
- iii. Kcal.kcal_value contains how many kcal are in one referencial portion

b. Facts:

- i. Each recipe must include ingredient and Composition information

3. Database diagram:

