

Nouns and Verbs

Complete this activity as a Team and submit the file to your Team repository under /doc directory. [check for other instructions on dropbox]

List **all** of the nouns and verbs that you find in the description of this system that have any association with its features, operation, or data.

Nouns	Verbs
Name Calories Fat Carb Protein Sodium Foods Weight Calorie Limit Serving Size	Create Read Update Delete Main

Now create one table for each noun that you think corresponds to a class in your software design. Put the "Class noun" in the header row for the table. Look at the other nouns and copy any that are relevant for this class to the "Attribute nouns" box. Some of these nouns may themselves be "Class nouns". Others will not have that level of prominence. Copy any verbs that could indicate responsibilities for this class to the "Behavior verbs" box. Extend the boxes as needed. Keep doing this until you think you have identified all of the "class nouns" in the system. Are there others that somehow have been missed that you need for a good design? Add more tables as needed.

Class noun: Food	
Attribute nouns Name Calories Fat Carb Protein Sodium	Behavior verbs Create Food Read Food Update Food Delete Food

Class noun: Recipe	
Attribute nouns Name Foods	Behavior verbs Create Recipe Read Recipes (array) Read Recipe (single) Update Recipe Delete Recipe

Class noun: Log	
Attribute nouns Weight Calorie Limit Food (Recipe) Serving Size	Behavior verbs Create Log Read Log Update Log Delete Log

Class noun: App	
Attribute nouns Log Recipe Food	Behavior verbs Main