

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
<ul style="list-style-type: none">• Program• Collection• Foods• Recipes<ul style="list-style-type: none">◦ Sub-recipes• System• Users• Information• Name• Calories<ul style="list-style-type: none">◦ Desired intake of calories• Fat<ul style="list-style-type: none">◦ Grams of fat• Carbohydrates<ul style="list-style-type: none">◦ Grams of carbohydrates• Protein<ul style="list-style-type: none">◦ Grams of protein• Sodium<ul style="list-style-type: none">◦ Milligrams of sodium• Ingredient• Log<ul style="list-style-type: none">◦ Log entries• Day• Servings• Totals of nutrients• Graphs• Distribution• Weight• Status• Goal• Data	<ul style="list-style-type: none">• Create• Provide• Combine• Add• Use• Consume• Display• Show• Log• Attach• Indicate• Meet• Save• Record

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: Recipe	
Attribute nouns <ul style="list-style-type: none"> • Name • Ingredients • Ingredient counts • Servings 	Behavior verbs <ul style="list-style-type: none"> • Combine

Class noun: Food	
Attribute nouns <ul style="list-style-type: none"> • Name • Calories • Fat • Carbs • Protein • Sodium • Ingredients • Nutrients • Servings 	Behavior verbs <ul style="list-style-type: none"> • Add • Use • Consume

Class noun: User	
Attribute nouns <ul style="list-style-type: none"> • Weight • Log • Data • Goal 	Behavior verbs <ul style="list-style-type: none"> • Record • Save • Show • Display • Indicate

Class noun: Log or Information	
Attribute nouns <ul style="list-style-type: none"> • System • User • Name • Status • Data • Weight 	Behavior verbs <ul style="list-style-type: none"> • Display • Show • Log • Record • Save

Class noun: Program	
Attribute nouns <ul style="list-style-type: none"> • User • Information • Recipe • Food 	Behavior verbs <ul style="list-style-type: none"> • Display • Show • Log • Record