# Nouns and Verbs

***Complete this activity as a Team and submit the file to your SVN /doc directory.***

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.

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| **Nouns** | **Verbs** |
| Programs, people, diets, food, collection, dietary information, calories, grams of fat, carbohydrates, grams of protein, users, recipes, basic food, collection, serving, calorie intake, recorded weight, change over time, consumptions, goal, recipe, calorie limit, year, month, day, log data | Select, save, help, provide, record, extend, maintain, set, display, show, load, request, consumed, add, access, delete |

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.

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| **Class noun: Users** | |
| **Attribute nouns**  calorie intake, recorded weight, change over time, goal, calorie limit | **Behavior verbs**  Add, get, set, save |

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| --- | --- |
| **Class noun: Basic Food** | |
| **Attribute nouns**  Calories, grams of protein, grams of fat, carbohydrates, serving, | **Behavior verbs**  Add, get, set, save |

|  |  |
| --- | --- |
| **Class noun: Recipe** | |
| **Attribute nouns**  Calories, grams of protein, grams of fat, carbohydrates, serving, basic foods, | **Behavior verbs**  Add, get, set, save |

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| **Class noun: Display** | |
| **Attribute nouns**  Display data | **Behavior verbs**  Display, update |

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| **Class noun: Log** | |
| **Attribute nouns**  date, weight, calories, food item, count, calorie limit, servings | **Behavior verbs**  add, save, load, delete |