# Diet Manager Activity 0: Nouns and Verbs

***Complete this activity as a Team and submit the file to your Git /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** |
| Daily intake, calories consumed, calories burned, ingredients, recipe, food detail report, quality, quantity, weight, height, BMI, ingredient list, calories, exercise | Get daily intake, calculate calories, get recipe list, get quality, get quantity, get BMI, get weight, get height |

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: Daily intake** | |
| **Attribute nouns**  Calories consumed, calories burned | **Behavior verbs**  Get daily intake, calculate calories, get recipe list, get quality, get quantity, get BMI, get detail report, get ingredient, get calories, get burned calories, get exercise type |

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| **Class noun: Recipe** | |
| **Attribute nouns**  Food detail report, quality, quantity | **Behavior verbs**  Get quality, get quantity, get recipe list |

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| **Class noun: BMI** | |
| **Attribute nouns**  Weight, height, BMI | **Behavior verbs**  Get BMI, get weight, get height |

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| **Class noun: Ingredients** | |
| **Attribute nouns**  Food detail report, ingredient list, calories | **Behavior verbs**  Get detail report, get ingredient, get calories |

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| **Class noun: Exercise** | |
| **Attribute nouns**  Exercise, calories burned | **Behavior verbs**  Get burned calories, get exercise type |