# Nouns and Verbs – Team B

***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.

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| **Nouns** | **Verbs** |
| Collection  Foods  Recipes  System  Users  Program  Information  Name  Calories  Fat  Carbohydrates  Protein  Ingredient  Day  Log  Servings  Nutrients  Graphs  Distribution  Grams  Entries  Weight  Intake  Status  Goal  Track  Time  Data  Consumption  Targets | Create  Provide  Combined  Add  Providing  Use  Consumed  Display  Show  Attach  Indicate  Understand  Save |

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: Food** | |
| **Attribute nouns**  Name  Calories  Fat  Carbohydrates  Protein  Ingredients  Servings | **Behavior verbs**  Add  Display  Consumed  Save  Indicate |

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| --- | --- |
| **Class noun: Recipe** | |
| **Attribute nouns**  Name  Calories  Fat  Carbohydrates  Protein  Ingredients  Servings | **Behavior verbs**  Create  Combined  Add  Use  Consumed  Display  Attach  Indicate  Save |

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| --- | --- |
| **Class noun: Graph** | |
| **Attribute nouns**  Fat  Carbohydrates  Protein  Calories  Name | **Behavior verbs**  Display  Show  Indicate |

|  |  |
| --- | --- |
| **Class noun: User** | |
| **Attribute nouns**  Weight  Calories  Goal  Target | **Behavior verbs**  Consumed  Add  Create  Show |

|  |  |
| --- | --- |
| **Class noun: Program (GUI)** | |
| **Attribute nouns**  Graphs  Users  Information  Log  Status  Goal  Track  Time  Data | **Behavior verbs**  Create  Display  Add  Provide  Indicate |

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| --- | --- |
| **Class noun: Log** | |
| **Attribute nouns**  Date  Weight  Collection  Servings  Goal | **Behavior verbs**  Create  Add  Display  Save |

|  |  |
| --- | --- |
| **Class noun: Collection** | |
| **Attribute nouns**  Foods  Recipes | **Behavior verbs**  Add  Combine  Show  Save |