

SWEN 383 – Diet Manager V1 - Activity 1

Nouns & Verbs

List **all** of the nouns and verbs that you find in the project's assignment that have any association with the project's features, operation, or data.

Nouns	Verbs
<p>logger food model recipe controller view reader</p>	<p>write read delete load update request</p>

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: Controller	
<p>Attribute nouns</p> <p>Main Controller Handler</p>	<p>Behavior verbs</p> <p>Reacts, accept, handle, get, refresh, set, update, clear,</p>

Class noun: View	
<p>Attribute nouns</p> <p>View Display User interface</p>	<p>Behavior verbs</p> <p>select record set display show indicate handle update clear</p>

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Class noun: Model	
Attribute nouns	Behavior verbs
Food, recipe	return, set, check

Class noun: Reader	
Attribute nouns	Behavior verbs
Food reader	Read interpret access find return

Class noun: Logger	
Attribute nouns	Behavior verbs
Food logger	log write print

Class noun: Writer	
Attribute nouns	Behavior verbs
Food writer	write refresh get

Class noun: Initialiser	
Attribute nouns	Behavior verbs
Init	view read

Class noun:	
Attribute nouns	Behavior verbs

Class noun:

Attribute nouns

Behavior verbs

Next, using Luci App draw a UML Class Diagram that shows how classes interact with each other. This is an initial sketch of your solution that is going to evolve over time, while working on your project. For now, just try to connect the classes in a meaningful way and import the image:

