ID UC 2.1 Manage Nutritional log
Scope Nutrition Log system
Level User goal
Stakeholders and Interests
- **User:** A person utilizing the Nutrition Log system within the FoodPants application to view, add, remove, or edit an item.
- **System maintainer:** Person responsible for application execution.

Precondition: FoodPants is installed as an executable on the user's machine and the user is currently in their nutrition log.
Postcondition: An item within the pantry has been viewed, added, edited, or removed.

Main success scenario:
1. User wants to manage their nutrition log
2. User wants to view the details of a specific item
3. User scrolls through the months view until the month containing the desired item is displayed
4. User clicks on the month containing the desired item and the system displays the month broken up into weeks within the week view
5. User scrolls through the week view until the week containing the desired item is displayed
6. User clicks on the week containing the desired item and the system displays the week broken up into days within the day view
7. User scrolls through the day view until the day containing the desired item is displayed
8. User clicks on the day containing the desired item and the system displays the day broken up into hours within the hour view
9. User scrolls through the hour view until the hour containing the desired item is displayed
10. User clicks on the item they want to view

User repeats steps 2-10 until satisfied with the management of their nutrition log

Extensions:
a.*   Anytime the user wants to quit the process
> *1. User can close the current menu by hitting the X button*

User repeats this step until they have gotten all the way out of the specified process
2. a   If the user wants to manually add an item to the nutrition log
> *1. User presses the "+" Add Item button*
> *2. User enters the name of the Item to add in a search box.*
> *3. System displays search results in a drop-down menu.*
> *4. a. User selects the item they want to add.*
>   *b.* If the food type is not registered in the food type database

> > > *i. User selects the "Add food type" option from the end of the drop-down menu*
> >
> > > *ii. extend <addFoodType>*
> >
> > 5. *User enters the quantity they consumed.*
> >   *a. The user can change the timestamp for consumption if it is not the current time.*
> > 6. *User selects create item*

10. a   If the User wants to modify the existing item in the pantry

> 1. *User clicks on the 'Edit Item' button within the Item Details interface*
> 2. *System provides a form with the current Item values which can be changed*
> 3. *User alters the desired values within the form which include the timestamp for consumption and nutritional information (calories, carbs, protein, fat, cholesterol, sodium)*
> 4. *a. User hits the 'Confirm' button*
>   *b. User hits an 'X' which exits without saving changes*
> 5. *System updates Item information*

10. b If the User wants to remove the existing item from the nutrition log

> 1. *User clicks on the 'Delete Item' button within the Item Details interface*
> 2. *System asks the user to confirm that they want to delete the item*
> 3. *User clicks 'Confirm'*
> 4. *System removes Item from the nutrition log*