

## **ID UC 3.6 Cook Recipe**

**Scope** Recipe system

**Level** User goal

### **Stakeholders and Interests**

- **User:** Person who has stored recipes and items within the FoodPants digital pantry, wants to use stored items to make a recipe and log the results to their nutrition log.
- **System maintainer:** Person responsible for application execution. Wants to satisfy customer interests.

**Precondition:** The user has created the recipe within the recipe system, and has decided how much of the recipe they will eat (they can perform this step after cooking if necessary)

**Postcondition:** Used items will have been consumed from the user's pantry, and the recipe and nutritional info will be stored in the user's nutrition log.

### **Main success scenario:**

1. The user navigates to the recipe page.
2. User selects desired recipe to produce.
3. User selects to cook the recipe.
4. The system confirms the user's consumption of the recipe.
5. The system removes items from the digital pantry that were used to make the recipe.
6. The User is prompted for how much of the recipe they consumed.
7. The amount of the recipe consumed is added to the nutrition log.
8. include (manageNutritionLog)
9. The User is prompted to enter how much of the recipe is leftover.
10. The system stores leftovers as part of the User's digital pantry.
11. include (managePantry)
12. The user is returned to the recipe view menu.

### **Extensions:**

- a. \* The desired recipe does not exist
  1. *The System will not allow the user to cook the recipe.*
  2. *The user can add the recipe to the system.*
4. a The user does not have all the required items to cook the recipe.
  1. *The system prompts the user if they want to cook the recipe anyways.*
  2. a. *User confirms to cook the recipe anyways.*
    - i. *User selects to consume only existing items from the pantry.*
    - ii. *User selects to consume no items from the pantry.*
  - b. *User requests desired items to be added to the shopping list.*
    - i. *System adds items to the shopping list (include addRecipeItemsToShoppingList).*

- ii. *User is redirected to the shopping list menu, preparing the recipe is aborted.*
- 6. a The user has not set up serving sizes for this recipe
  - 1. *The system prompts the user to dictate how many servings the recipe makes*
  - 2. *The user enters how many servings were consumed.*
- 9. a The user has no food remaining or does not wish to record leftovers
  - 1. *The user can press an option to skip this step.*

### **Special Requirements**

- Users can utilize this function even if they are missing ingredients.
- This will interface nicely with the shopping list feature so that users can automatically fill in missing items.