# OC 1 – Find Recipe

findRecipe

**Operation:**   
findRecipe

**Cross References:**  
Find Recipe

**Preconditions:**  
foodie exist  
ListOfRecipes lor exists

An instance of recipes r exists

listOfIngredients loi exists

An instance of ingredients I exists

**Postconditions:**

A list of all ingredients has been returned

**Operation:**   
selectIngredients(ingredients)

**Cross References:**  
Find Recipe

**Preconditions:**  
A list of all ingredients has been returned

**Postconditions:**

A list of matching recipes has been returned

**Operation:**   
chooseRecipe(recipe, portionCount)

**Cross References:**  
Find Recipe

**Preconditions:**  
A list of matching recipes has been returned

**Postconditions:**

A recipe r was selected

r.portionCount was set to portionCount

r.amount was set to r.potionCount \* r.portion