# OC 1 – Find Recipe

**Operation:**   
showIngredients

**Cross References:**  
Find Recipe

**Preconditions:**  
foodie exist

listOfIngredients loi exists

An instance of one ingredient I exists

**Postconditions:**

A list of all ingredients has been returned

**Operation:**   
getSelected

**Cross References:**  
Find Recipe

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

**Postconditions:**

A list of selected ingredients has been created.

**Operation:**   
matchIngredientsToRecipes

**Cross References:**  
Find Recipe

**Preconditions:**  
A list of selected ingredients exists

**Postconditions:**

A sql query with matching recipes has been created

**Operation:**   
getRecipesList

**Cross References:**  
Find Recipe

**Preconditions:**  
A sql query with matching recipes exists

**Postconditions:**

A list with matching recipes has been created

**Operation:**   
showRecipes

**Cross References:**  
Find Recipe

**Preconditions:**  
A list of matching recipes exists

**Postconditions:**

A list of matching recipes has been returned

**Operation:**   
chooseRecipe

**Cross References:**  
Find Recipe

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

**Postconditions:**

A chosen Recipe object has been created

**Operation:**   
getSelectedRecipe

**Cross References:**  
Find Recipe

**Preconditions:**  
A chosen Recipe object exists

**Postconditions:**

A chosen Recipe has been shown

GUI henter information fra Databasen, altså textFields bliver populated fra Databasen