--Use Case: Add recipe to the potluck.

Actors:

1. A member
2. Potluck System
3. The database( a class represents to save data for the potluck system)

Purpose:

Add a recipe to the potluck

Overview:

A member login the potluck system, write the recipe and save it to the database. The member can see the recipe which is just added.

Type: Primary and essential

Flow of Events:

Action

1. The member create a recipe
2. The member Fill the basic information of the recipe, like recipe name.
3. The member create one Ingredient
4. The member fill the information of the ingredient
5. The member add the ingredient to the recipe
6. Repeat step 3 to 5 until all recipes
7. The potluck system display tags
8. The member choose one tag to the recipe
9. Repeat step 7 and 8 until the member finish selecting tags
10. The potluck system display the categories
11. The member choose one category to the recipe
12. repeat step 10 and 11 until the member finish selecting categories
13. The member request to save the recipe.
14. the potluck system save the recipe to the recipe list of the member in the database class

Includes: User login and Add Ingredient

Extends:

Preconditions: The member login successfully

Postconditions: The recipe added can be displayed

Exceptions:

Constraints: A member cannot add the same name recipe