--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. A member open the potluck system, and enter user name and password to login
2. the potluck system send request to the database to check whether user name and password is valid
3. the database search the user name and password, and return the result of member validation
4. The member login successfully
5. Fill the basic information of the recipe
6. Add one Ingredient to the recipe
7. Repeat step 6 to add all ingredients
8. choose tags to the recipe
9. choose categories to the recipe
10. Request to save the recipe.
11. the potluck system add the recipe to the recipe list of the member
12. the potluck system return the result to the member
13. the member confirm the result
14. the potluck system shows the recipe list of this member

Includes:

Extends:

Preconditions:

Postconditions:

Exceptions:

Line 3.

* The user name does not exist in the database,

1. provide information to the customer
2. ask the customer to register this system

* The password is not correct

1. provide information to the customer
2. ask the customer try it again

Line 6

* Add the recipe to the database failed

1. Return the failed information

Constraints:

1. A member cannot add the same name recipe