--Use Case: Add recipe to the potluck.

Actors:

1. A member
2. Potluck System
3. The database

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 Ingredients of the recipe
7. Request to save the recipe.
8. the potluck system add the recipe to the table of recipe in the database
9. the potluck system search the recipe just added in the database
10. the potluck system return the result to the member
11. the member confirm the result
12. 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