

## Project #2 Jiao Wu (jw4321), Suyang Jiang (sj2364)

In this report, we created a web-based user interface for the database which was designed in the first project. We will give a brief description about how this website was designed using php.

As for the database, based on Project 1, we add a Log table to record users' activity, including uid, rid and timestamp. After a user inserted and searched a keyword in the homepage, it will save the time, rid and uid into our database. This can log information whenever a user looks at a recipe, searches using keywords. This allows the system to display recipes the user has recently looked at, and to display recent searches on his personal page. And these resulted recipes will show on its profile page order by time.

### **Log (uid, rid, timestamp)**

Foreign keys: uid refers user. uid, rid refers recipes. rid.

In our site, a user can register and create his own profile like age, gender and address to sign up. After the user has logged in, the user can view the A to Z recipes, add recipes and search keywords on the homepage. Also, the user can write reviews on the recipes and rate them, the added reviews will show following the recipes. A user can create groups or join groups, and create meetings or RSVP for a meeting. In adding recipes, the user can upload pictures, add gradients and choose unit for gradients. After the user has search for some keywords and view the results, these recipes will see these reviewed recipes on his personal page. We also concern the security issue like SQL injection. If the username input contains a ' , then we do not allow to let the user log in.

The followings are the main functions of our site in detail.

### 1. Sign Up and Log in PART:

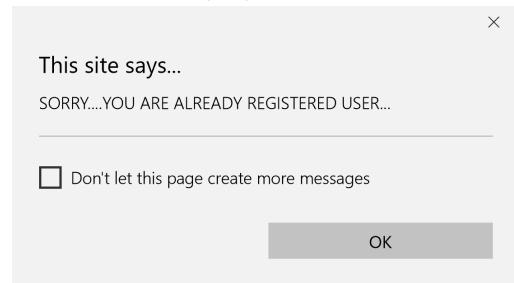
- 1). A new user needs to register using sign-up page (Signup.php):

Sign up	Sign up
<input type="text" value="Loginname"/>	<input type="text" value="kevin"/>
<input type="text" value="Password"/>	<input type="text" value="*****"/>
<input type="text" value="Username"/>	<input type="text" value="Kevin Chen"/>
<input type="text" value="Age"/>	<input type="text" value="25"/>
<input type="text" value="Gender"/>	<input type="text" value="male"/>
<input type="text" value="City"/>	<input type="text" value="ny"/>
<input type="text" value="State"/>	<input type="text" value="ny"/>
<input type="text" value="Country"/>	<input type="text" value="usa"/>
<input type="button" value="Sign Up"/>	<input type="button" value="Sign Up"/>

2). After a user enter all the information displayed above, it will go to check whether the user has an existing account or not (check\_Signup.php is used to check the sign-up). If the user is a new user, the site will display:



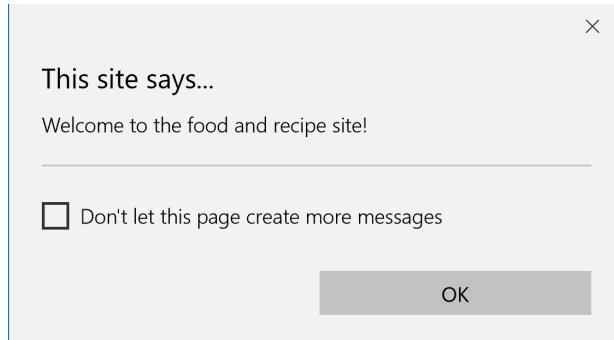
Else (the user is already registered), it will display:



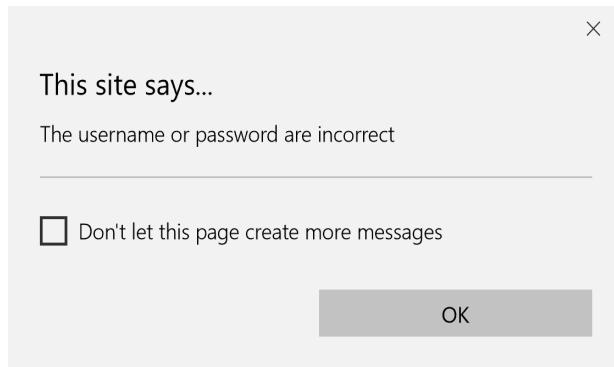
3). After a new user created an account, he/she will go to log in his/her account using login page(login.php).

<p>Login to Web</p> <input type="text" value="loginname"/> <input type="text" value="Password"/> <input type="checkbox"/> Remember me on this computer	<p>Login to Web</p> <input type="text" value="Mike"/> <input type="text" value="•••••"/> <input type="checkbox"/> Remember me on this computer
<input type="button" value="Login"/>	<input type="button" value="Login"/>

4). After the user enters his/her login name and password, it will check whether the user exists in the database or not and whether the login name and password match or not (using `check_user-pass.php`). If the account information is correct, the site will display:



Else, it will display:



## 2. User Profile Page:

After a user logs in, she/he can go to her/his personalized page which includes several items that are relevant to her/him, including the user information, recipe he/she recently posted, list of group he/she joined, and recipes he/she recently searched.

After the user correctly enter his/her login name and password, it will go to his/her own profile page (`userprofile.php`).

Welcome Mike  
Logout

# Food & Recipes

Search from our Recipes around the world



HOME

A TO Z RECIPES

GROUP

ADD RECIPE

## Welcome to your personal page

username: AaronSmith

age:24

gender:M

city: Auburn

state:NY

### Recipes I posted

Grilled Teriyaki Tuna

abc

abc

steamed chicke

ic

apple pie

chicken mushroom

chicken mushroom

### RECIPES



HAM  
SANDWICH

by: Anna



BISCUIT &  
SANDWICH

by: Sarah



DELICIOUS  
PIZZA

by: Rico

### GET UPDATES

Facebook

Twitter

Youtube

Flickr

Google+

### List of Group Meetings I joined

Park Slop Cake Club

Italian food Club

Have fun with cooking Club

happy hour

apple pie

### Recipe I Recently Searched

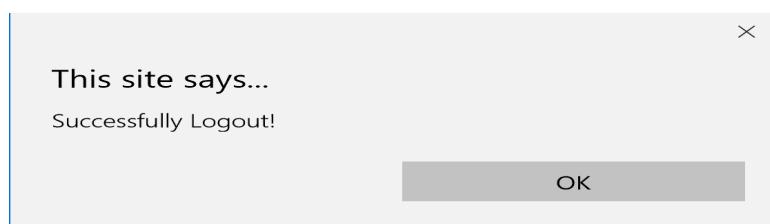
Grilled Teriyaki Tuna

Tuna Broccoli Casserole

italian broccoli

### 3. Log out from the account:

The left top of the above site has a logout button. When we click logout button, it will logout the account (logout.php).



#### 4. Homepage

At homepage(homepage.php), there is food & recipe log. Whenever we click this log, it will go back to homepage. There are four tabs, including HOME, A TO Z RECIPES, GROUPS, and ADD RECIPE. When you click each tab, it will bring us to the different page. Home will direct you to home page. A TO Z RECIPES will direct you to recipe page. Groups will direct you to group page. And ADD RECIPE will bring you to add a new recipe page.

Homepage:



You can also click the Group or the image to group page, and click A TO Z RECIPES to recipe page.

#### 5. A TO Z RECIPES:

Click the A to Z recipe, it will bring us to all the recipes in the database (recipes.php). In this page, it only contains the title and image of the recipes. If we want to see the details of the recipe, we can click the title or the image of the recipe, it will bring us to the details of the recipe.

# Food & Recipes

Search from our 10,000+ Recipes around the world



HOME

A TO Z RECIPES

GROUP

ADD RECIPE

Recipe Title : Grandmas Fettuccini Alfredo



Recipe Title : Grandmas Fettuccini Alfredo



Recipe Title : Grilled Teriyaki Tuna



## FEATURED RECIPES

HAM SANDWICH

by: Anna

BISCUIT & SANDWICH

by: Sarah

DELICIOUS PIZZA

by: Rico

## GET UPDATES

Facebook

Twitter

YouTube

Flickr

Google+

## 6. Search recipes:

The site contains a search engine which is used for searching a related recipe. After we put a keyword, it will bring us to search related recipes (searchrecipe.php). For instance:

tuna



tuna

# Food & Recipes

Search from our Recipes around the world



HOME

A TO Z RECIPES

GROUP

ADD RECIPE

Recipe Title : Grilled Teriyaki Tuna



Recipe Title : Tuna Broccoli Casserole



## RECIPES



HAM  
SANDWICH

by: Anna



BISCUIT &  
SANDWICH

by: Sarah



DELICIOUS  
PIZZA

by: Rico

## GET UPDATES

 Facebook

 Twitter

 YouTube

 Flickr

 Google+

- 1). When we want to see the details of recipes, we just click the title or the image of the recipes. It will bring you to the individual page of the recipe (recipeinfo.php). For instance, if we click the first picture showed above, it will bring us to the details of the recipe.

# Food & Recipes

Search from our Recipes around the world



HOME

A TO Z RECIPES

GROUP

ADD RECIPE



## recipe title : Grilled Teriyaki Tuna

Description : In a large plastic bag, combine the teriyaki sauce, oil, garlic, and pepper. Put the tuna fillets in the bag, mix them well and marinate for 30 mins in the refrigerator and meanwhile, preheat an outdoor grill for high heat, and lightly oil grate, remove tuna from marinade and place on grill.

Grill for 3 to 5 mins each side

uname : AaronSmith

ingredients:

black pepper

minced garlic

tuna

## review title : Love it

rating : 4

comments : very easy to cook and tasty

## review title : yummy

rating : 5

comments : I like this style cooked tuna.

## review title : tasty very good

rating : 4

comments : yummy and easy good!

[Add a review](#)

## RECIPES



### HAM SANDWICH

by: Anna



### BISCUIT & SANDWICH

by: Sarah



### DELICIOUS PIZZA

by: Rico

## GET UPDATES

Facebook

Twitter

YouTube

Flickr

Google+

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## 7. Add a review:

We click Add a review, it will bring us to another page (review.php).

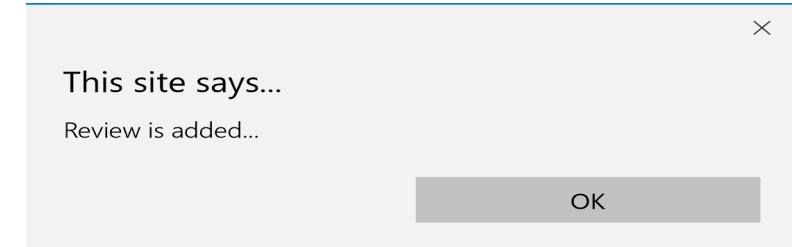
Review

rtitle

Rating  5  4  3  2  1

Comments

In this page, we are going to add the title of review and put a rating for this recipe and some comments to this recipe. After we put all the information, we are going to click the submit review button to check `_addreview.php`.



Then this will bring us to back this recipe page, it will include the recent reviews that we added.

**recipe title : Grilled Teriyaki Tuna**  
 Description : In a large plastic bag, combine the teriyaki sauce, oil, garlic, and pepper. Put the tuna fillets in the bag, mix them well and marinate for 30 mins in the refrigerator and meanwhile, preheat an outdoor grill for high heat, and lightly oil grate, remove tuna from marinade and place on grill.  
 Grill for 3 to 5 mins each side  
 uname : AaronSmith  
 ingredients:  
 black pepper  
 minced garlic  
 tuna

**review title : Love it**  
 rating : 4  
 comments : very easy to cook and tasty

**review title : yummy**  
 rating : 5  
 comments : I like this style cooked tuna.

**review title : tasty very good**  
 rating : 4  
 comments : yummy and easy good!

**review title : Like it**  
 rating : 5  
 comments : I love this recipe!

[Add a review](#)

#### 8. Group information and join Group:

Click the group tab, it will bring us to group page(`group.php`). In this page, it contains all the groups which the site provides. Here display the group name and description of each group. There are two buttons, one is Meeting info, the other is Join.

The screenshot shows the homepage of the Food & Recipes website. At the top, there's a search bar with the placeholder "Search from our 10,000+ Recipes around the world". Below the search bar is a navigation menu with links for "HOME", "A TO Z RECIPES", "GROUP", and "ADD RECIPE".

The main content area displays a list of groups. Each group entry includes the group name, a brief description, and two buttons: "Meeting Info" and "Join".

- Group 1:** Group Name : Park Slop Cake Club. Description : have fun with making differen delicious cakes. Buttons: Meeting Info, Join.
- Group 2:** Group Name : Italian food Club. Description : have fun with making Italian Food. Buttons: Meeting Info, Join.
- Group 3:** Group Name : Have fun with cooking Club. Description : have fun with making cooking. Buttons: Meeting Info, Join.
- Group 4:** Group Name : happy hour. Description : a lot of activities. Buttons: Meeting Info, Join.
- Group 5:** Group Name : fsqsg. Description : gldsgdgs. Buttons: Meeting Info, Join.
- Group 6:** Group Name : apple pie. Description : 12345. Buttons: Meeting Info, Join.

On the right side of the page, there's a sidebar titled "FEATURED RECIPES" which lists three recipes with small thumbnail images:

- HAM SANDWICH** by: Anna
- BISCUIT & SANDWICH** by: Sarah
- DELICIOUS PIZZA** by: Rico

Below the sidebar, there's a section titled "GET UPDATES" with icons for social media platforms:

- Facebook
- Twitter
- Youtube
- Flickr
- Google+

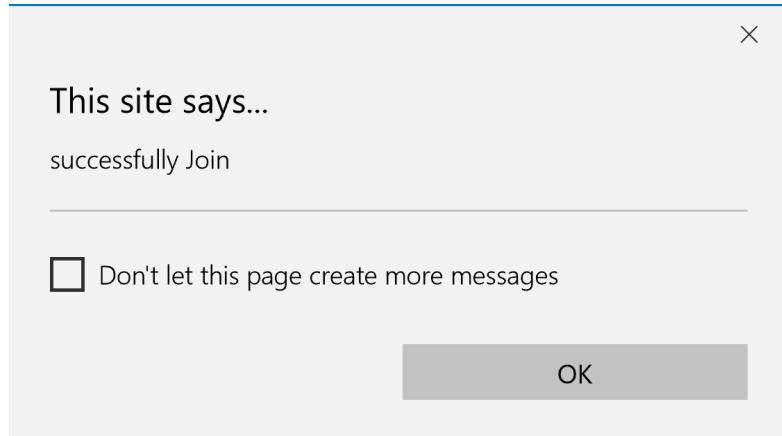
1) Create a new group:

The screenshot shows a modal window titled "Add Group". It contains two input fields: "Group Name" and "Description". Below the fields is a large "Add Group" button.

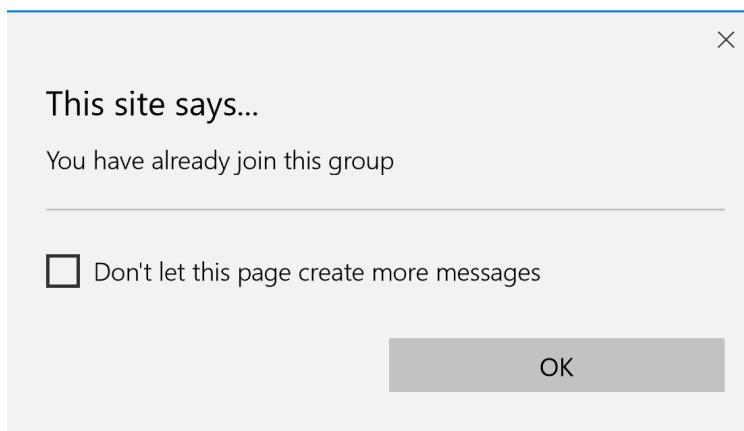
2) Join Groups:

When we click the button of Join, it will bring us to join the group.

a). If the user want to join the group and click the button of join, it will display:



b) if the user has already joined the group, it will display:



3) After click the button of meeting info :

When we click the button of Meetings info, it will bring us to all the meetings that the group provide (meeting.php).

The screenshot shows a list of four meetings on a website. Each meeting entry includes the name, start time, end time, state, city, address, an 'RSVP' button, and an 'add report' link.

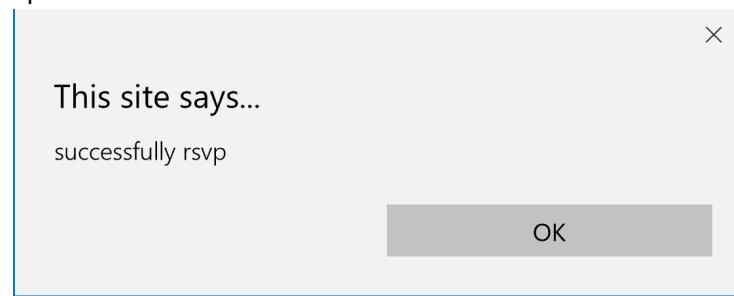
- Name : Cake design  
starttime : 2016-12-18 09:00:00  
endtime: 2016-12-18 04:00:00  
State: NY  
City: NY  
Address: 1 23 7th Ave NY 10012  
[RSVP](#)
- Name : 2016 Best Cake design  
starttime : 2016-12-26 09:00:00  
endtime: 2016-12-26 04:00:00  
State: Flushing  
City: NY  
Address: 11 24 23st flushing NY 11344  
[RSVP](#)
- Name : Christman Cake Design  
starttime : 2016-12-25 04:00:00  
endtime: 2015-12-25 14:59:59  
State: LA  
City: CA  
Address: 101 32st Los Angeles  
[RSVP](#)
- Name : Cake Party  
starttime : 2016-12-30 18:00:00  
endtime: 2016-12-30 23:59:59  
State: NY  
City: NY  
Address: 57 7 ave NY  
[RSVP](#)

4) Click RSVP to join this meeting (rsvp.php)

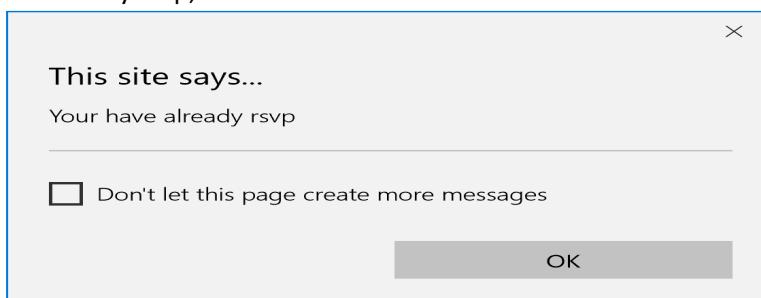
In this page, we can click the RSVP button to rsvp this meeting. Since only group member can rsvp the meeting, not group member cannot rsvp the meeting.

a). If the user belongs to the group and not yet rsvp, then it will display successfully rsvp:

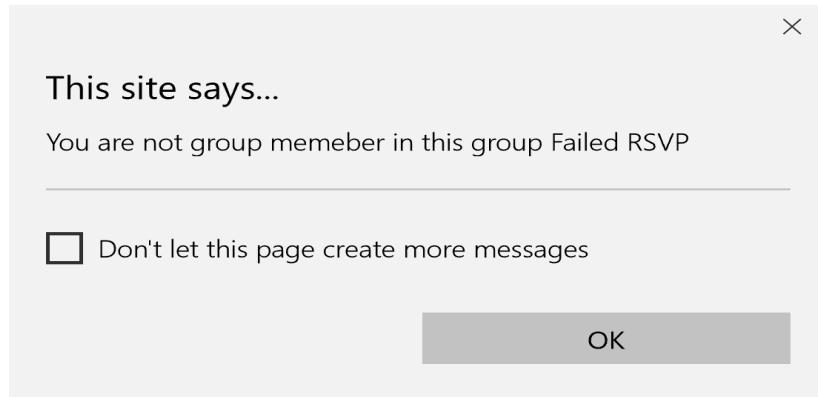
Successfully rsvp



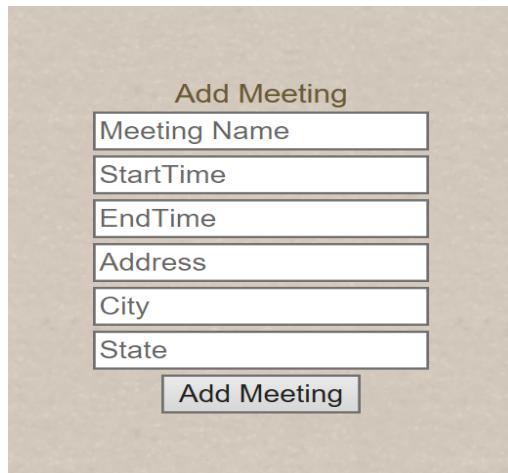
b). If the user has already rsvp, it will show:



c). If the user does not belong to this group, it will show:



5) Add meeting :



Add Meeting

Meeting Name

StartTime

EndTime

Address

City

State

Add Meeting

After click a add meeting, it will display:



9. Add Recipe:

When we click the Add Recipe tab, it will bring us to add recipe page(addrecipe.php).

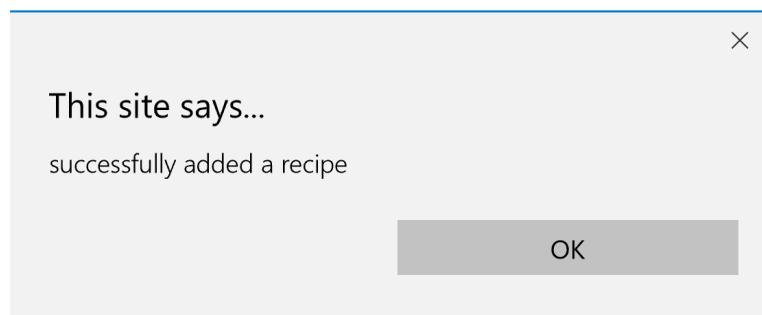
In this page, we can enter the recipe title, num\_serving, ingredname, quantity, unit, and description. Since one recipe has several ingredients, there is a 'Add ingredient' button which is used for adding more than one ingredients. In addrecipe.php file, we set other ingredname to be a hidden type pf input and there is a function addingredient that tries to display more text type input to add other ingrednames.

## Add a recipe

recipetitle  
num\_serving  
ingredname  
quantity  
unit  
description

Browse...  
Add ingredient  
Add

After successfully adding a recipe,



### 10. Security issue:

In order to prevent SQL injection, we write if statement to detect whether the username input contains a ' or not. If it contains, then we do not allow to let the user log in.

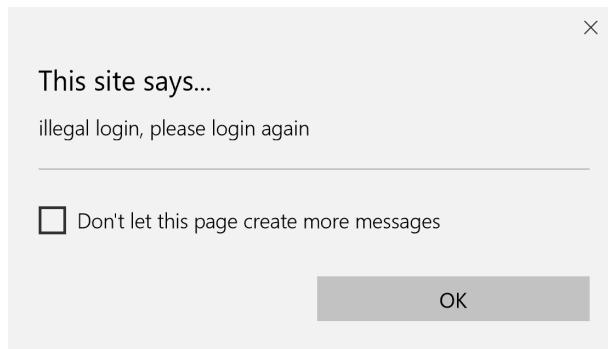
```
if (!(strpos($username, "'"))){  
    $query = "SELECT loginname, upassword,uid FROM User WHERE loginname = '".$username."'";  
    $result = mysql_query($query) or die ('Query failed:' . mysql_error());  
    if ($row = mysql_fetch_array($result,MYSQL_NUM) and $password == $row[1] )  
    {  
        $_SESSION["username"] = $username;  
        $_SESSION["uid"] = $row[2];  
        echo "<script>alert('Welcome to the food and recipe site!');window.location.href='userprofile.php'</script>";  
    }  
    else  
    {  
        echo "<script>alert('The username or password are incorrect');window.location.href='login.php'</script>";  
    }  
}else{  
    echo "<script>alert( 'illegal login, please login again');window.location.href='login.php'</script>";  
}
```

For instance: if the user try to enter a '

Login to Web

	Password
	<input type="checkbox"/> Remember me on this computer
	<input type="button" value="Login"/>

It will display:



### 11. Tracking user recently searched recipes:

After the user search a certain recipe, we can insert this searching to the logs table in the database.

Then we can track the recipes that the user recently searched, this information will display on the user profile page.

```
<?php
    while($row = mysql_fetch_array($result, MYSQL_NUM))
    {
        echo "<p onclick=\"window.location.href='recipeinfo.php?rid=".$row[4]."'> Recipe Title : ".$row[0]."</p>";
        date_default_timezone_set('America/New_York');
        $datatime = date('y-m-d h:i:s',time());
        $query2="insert into logs (rid,uid,timestamp)values(\".$row[4].\",\"$_SESSION["uid"].\",\"".$datatime."')";
        mysql_query($query2);
        echo "<a href=\"recipeinfo.php?rid=".$row[4]."\"><img src = \"images/".$row[5].".jpg\" alt=\"Image\" width = \"250\" height =\"250\"></a>";
    }
}
```

[HOME](#)[A TO Z RECIPES](#)[GROUP](#)[ADD RECIPE](#)

## Welcome to your personal page

username: AaronSmith

age:24

gender:M

city: Auburn

state:NY

### Recipes I posted

Grilled Teriyaki Tuna

abc

abc

steamed chicke

ic

apple pie

chicken mushroom

chicken mushroom

### List of Group Meetings I joined

Park Slop Cake Club

Italian food Club

Have fun with cooking Club

happy hour

apple pie

### Recipe You Recently Search

Grilled Teriyaki Tuna

Tuna Broccoli Casserole

italian broccoli

Then we click the title of recipes, it will go to the details of the recipes (recipeinfo.php).