

# **RECIPE MANAGEMENT SYSTEM**

**By**

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**11244**

Dissertation submitted in partial fulfilment of  
the requirements for the  
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(Information & Communication Technology)

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## **CERTIFICATION OF APPROVAL**

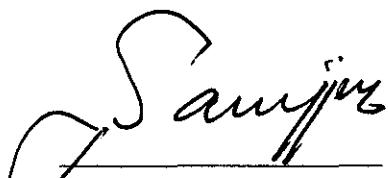
### **Recipe Management System**

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A project dissertation submitted to the  
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in partial fulfillment of the requirement for the  
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Approved by,

  
(Mr. Low Tang Jung)

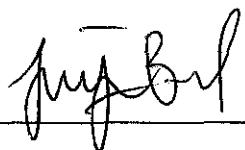
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TRONOH, PERAK

September 2011

## **CERTIFICATION OF ORIGINALITY**

This is to certify that I am responsible for the work submitted in this project, that the original work is my own except as specified in the references and acknowledgements, and that the original work contained herein have not been undertaken or done by unspecified sources or persons.



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(SITI HAJAR SYAFIQAH BINTI ISMAIL)

## **PROJECT OVERVIEW**

This application is for Muslim Restaurant and fresh department of a store. This corporate function encompasses the processes for the management of recipes used by the fresh departments in the stores. This includes the processes for creation, approval, maintenance and inactivation of recipes. The store function of scaling recipes is also included. The recipes are used by Replenishment planning processes to determine ingredient and supply item requirement and plan the replenishment of the same at the stores.

This web-based system provides a recipes management system for Muslim restaurants. This Recipe Management System has the solution to manage, update, approve, and search for the recipes. This system uses XHTML as the development language, CSS as the interface of the web site, and PHP as the database for the recipes.

## **ACKNOWLEDGEMENT**

Alhamdulillah I bid for granting me the strength and perseverance necessary to complete this project. The past 8 months have indeed been an amazing experience and journey to embark on. I have learnt so many things from scratch until the completion of my own proposed system which has been fruitful to my learning curve thus far.

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# **CHAPTER 1**

## **ABSTRACT**

### **1.1 OBJECTIVE**

- To determine the design requirements in order to develop a prototype for the module identified.
- To develop accurate system that will assist recipe management in a restaurant.

### **1.2 PROBLEM STATEMENT**

The problems that have been identified regarding this issue are:

- **Difficult to manage the recipe in a busy restaurant.**
  - This is because they might be using hard copy or simply some written recipes in the department.
- **It is not easy to try or remember a new recipe.**
  - This is because by telling the recipe to the manager of the restaurant, she/he may forget the ingredients or the way to cook may be not proper.
- **Determine the Halal food is difficult nowadays.**
  - The ingredients used might have halal issues.

### **1.3 SCOPE OF STUDY**

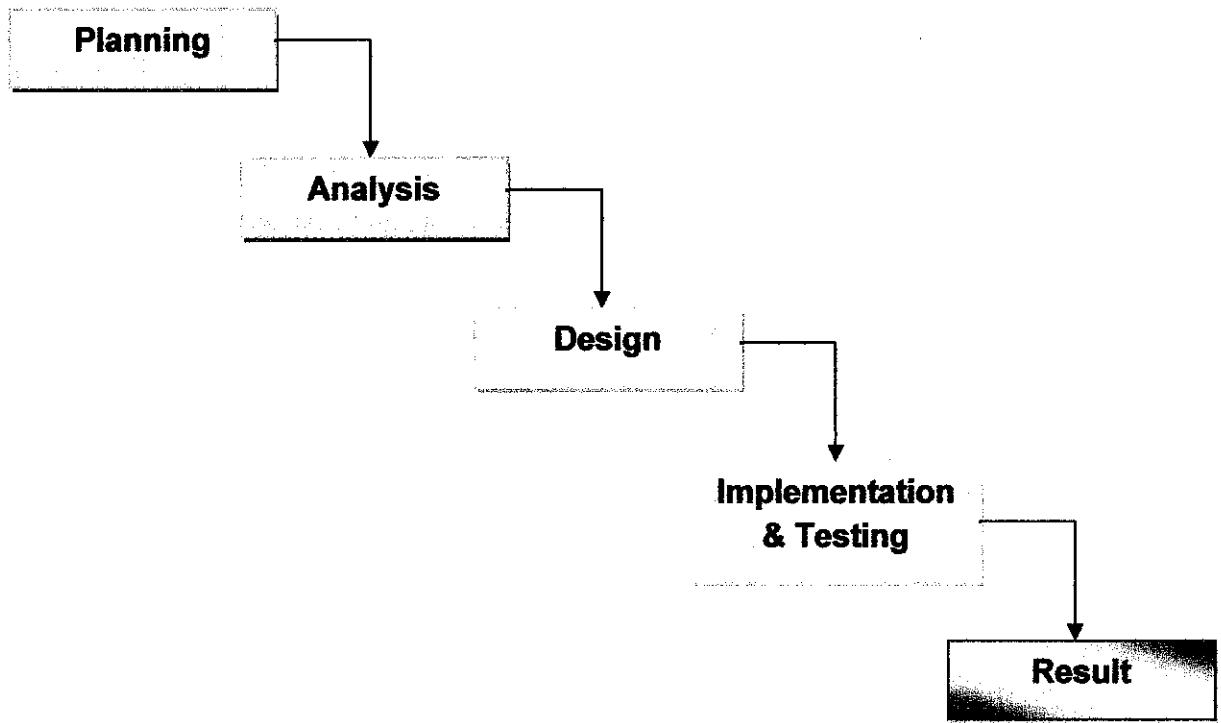
In developing the project, there are several limitations has been observed. Generally, the target of the system is for local restaurants. But the system has to be limited to Malay restaurant only because the system is specified to Malay food. In addition, the system also needs several features and functions that could be understood and observable.

The scope of study is described below:

- Study on web based development using internet programming language.
- Halal functionality for Muslim users.
- Implementation of server database to the system.

### **1.4 METHODOLOGY**

Method can be defined as a systematic and orderly procedure or process for attaining some objective. Methodology does not describe specific methods and it does specify several processes that need to be followed. These processes constitute a generic framework. They may be broken down in sub-processes, they may be combined, or their sequence may change. However any task exercise must carry out these processes in one form or another. Methodology may be a description of process, or may be expanded to collection of theories, concepts or ideas as they relate to a particular discipline or field of inquiry. One of the methodologies is waterfall that provides the requirement in Recipe Management System. By using the waterfall methodology, the system can be done by doing planning, analysis, design, implementation, testing and result.



**Figure 1.4: Water Fall Methodology**

- **Project Planning**

The development of the work plan which is the timeline for the project will be defined. Then, we will conduct the requirement gathering process to determine all elements / requirements of the system.

- **Project Analysis**

Analysis will be prepared by analyse data and mode of document classification and analyse goal of the system. After that, we will be assigned appropriate identification according to the requirement and the role in interacting with the system including the associations. Then, finalization of the scope of the system will be done and develop use case and the class diagram.

- **Project Design**

For the project, the development of the mock system / blueprint / prototype based on data from planning and analysis exercise will be build up.

- **Project Implementation & Testing**

Development of test plan for each function, performing the testing for the system, conduct the system review, finalize the system assumptions, and deploy the beta version of the system will be implemented.

- **Project Result**

The result of the project will be shown when all the implementation and the development have finished and some feedback will be required as the response for the developed project.

## **1.5 FINDINGS**

Based on the most recipe web sites in the internet, the web sites contains only recipes that has been done but not all of them have features such as determine the halal ingredient and to approved recipes.

## **CHAPTER 2**

### **INTRODUCTION**

#### **2.1 BACKGROUND OF STUDY**

Building a closer community around recipes and cooking through shared experiences. These days most of the recipes posted in a web site is making up. Nowadays, you will find many old and new family recipes being pulled from cookbooks, magazines, and newspaper clippings, in restaurants, and fresh department stores. However many of these recipes are in hard copies or written on papers.

Because of that, the Recipe Management System has the solution to manage, update, approve and search for the recipe in an easier way. Recipe Management System is a web based system that use XHTML as the language, CSS as the interface of the web site, PHP as the database of the recipes.

XHTML is short for Extensible Hypertext Mark-up Language, a hybrid between HTML and XML specifically designed for Net device displays. XHTML is a mark-up language written in XML, and it is an XML application. XHTML uses three XML namespaces (used to qualify element and attributes names by associating them with namespaces identified by URI references. Namespaces prevent identically custom-named tags that may be used in different XML documents from being read the same way), which correspond to three HTML 4.0 DTDs: Strict, Transitional, and Frameset. XHTML markup must conform to the markup standards defined in a HTML DTD. When applied to Net devices, XHTML must go through a modularization process. This enables XHTML pages to be read by many different platforms. [1]

CSS is short for Cascading Style Sheets, a new feature being added to HTML that gives both Web site developers and users more control over how pages are displayed. With CSS, designers and users can create style sheets that define how different elements, such as headers and links, appear. These style sheets can then be applied to

any Web page. The term cascading derives from the fact that multiple style sheets can be applied to the same Web page. CSS was developed by the W3C.[1]

PHP is short for Hypertext Preprocessor, an open source, server-side, HTML embedded scripting language used to create dynamic web pages. In an HTML document, PHP script (similar syntax to that of Perl or C) is enclosed within special PHP tags. Because PHP is embedded within tags, the author can jump between HTML and PHP (similar to ASP and Cold Fusion) instead of having to rely on heavy amounts of code to output HTML. And, because PHP is executed on the server, the client cannot view the PHP code. PHP can perform any task that any CGI program can do, but its strength lies in its compatibility with many types of databases. Also, PHP can talk across networks using IMAP, SNMP, NNTP, POP3, or HTTP.[2]

## **2.2 PROBLEM STATEMENT**

### **2.2.1 Identify the Problem**

Many restaurant and fresh department stores have difficulty managing the recipes in accurate database. The manager or the chef usually write it down on a piece of paper and stick it to the wall. While they are cooking, they look at the recipes if they forget about the ingredients. Mean while, other restaurant might not write down the recipe in fact, they just memorize the ingredients. What if they forget or new chef comes in to work at the same restaurant? The accurate database for the recipe in a restaurant would help to manage the recipes. Decision making of the approved recipe gets time-consuming and confusing. Because there are many recipes from the staff, the chef can approve it via online if the staffs upload a new recipe in the website. Furthermore, not all of the recipes are halal. The recipes needs to be check whether the ingredients is based on halal product or not.

### **2.2.2 Significant of the Project**

This project will be focusing on the enhancement of the recipe management system using Xampp database with the functions of halal approval by implementing the website using PHP and MySQL for the database, XHTML and CSS as the interface to improve the effectiveness of the website. The system will need a user to login the website where the users can upload, update the recipes in the system and approve the recipes using the halal function. This system is applicable for the users in the Muslim restaurant only. In this modern day, the Muslim restaurant may have difficulties to determine the halal ingredients because some food like Prego, the ingredients that label as E471, and even the drinks that claim as non-alcoholic are being suspicion as non-halal product by the consumers. Because of that, Recipe Management System is helping the Muslim restaurant to determine halal product and help them to get the exact product for their serving dishes.

## **2.3 OBJECTIVES & SCOPE OF STUDY**

### **2.3.1 The objectives of this project are:**

- To create a system that can create awareness to the chef in the kitchen about their dishes and help them to manage their ingredients for a more efficient cooking and food organizing processes.
- To develop a web based recipe management system that can be appropriately implemented in Muslim restaurants.

### **2.3.2 Scope of Study**

Looking at the problems faced in a restaurant, the Recipe Management System can be considered as the problem solver for the problems. By referring to the specification and features of the web site, it is actually fulfilling the needs of how to handle the recipes. This research covers on the internet programming and a database server for the website. The utility of a website can be increased greatly by taking into account the specific design and in which function is used.

Scopes of study of project are:

- 1) Study on web based development using internet programming.
- 2) Muslim and Malay as the potential user of the ‘halal’ function.
- 3) Implementation of server database to the system.

<b>Generic Technology keywords</b>	Operating Systems, Databases, Network, User Interface
<b>Specific Technology keywords</b>	XHTML, PHP, CSS, MySQL
<b>Project type keywords</b>	Analysis, Design, Implementation, Testing
<b>Functional components of the project</b>	<p>This application will have the following features:</p> <ul style="list-style-type: none"><li>• Create new recipe.</li><li>• Review/Modify Recipe.</li><li>• Maintain informal recipe component types.</li><li>• Maintain standard cooking procedures.</li></ul>

	<ul style="list-style-type: none"> <li>• Maintain standard equipment names.</li> <li>• Maintain standard task names.</li> <li>• Maintain non-standard units of measure.</li> <li>• Create Recipe Types.</li> <li>• Review/Modify Recipe Types.</li> <li>• Approve Recipe.</li> <li>• Review/Scale Store Recipe.</li> <li>• Verify integrity of recipes.</li> <li>• Generate recipe exception report.</li> <li>• Generate Recipe Report.</li> <li>• Generate Ingredient/Supply Item Usage Report.</li> <li>• Maintain local Item description.</li> <li>• Delete inactive recipes.</li> <li>• Submit Recipe for Approval</li> <li>• Publish recipe changes</li> <li>• Maintain mass replacement request</li> <li>• Complete Ingredient/Supply Item replacement</li> <li>• Create Recipe by modeling an existing recipe.</li> <li>• Select recipe for use at Store</li> <li>• Determine new default recipe to replace terminating recipe</li> </ul>
--	--

**Table 2.3.2: Scope of Study**

## 2.4 FEASIBILITY OF THE PROJECT WITHIN THE SCOPE AND TIME FRAME

### 2.4.1 Final Year Project 1

Week/Task	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15	W 16
Proposal														
Extended														
Proposal														
Proposal														
Defence														
Interim														
Report														
Technical														
Report														

Table 2.4.1: Time Line for FYP 1

### 2.4.2 Final Year Project 2

PROJECT MILESTONES (FYP2)	DATE	WEEK
Submission of Progress Report	7 <sup>th</sup> November 2011	7
Poster Exhibition / Presentation (Pre-EDX)	30 <sup>th</sup> November 2011	10
Submission of Dissertation	07 <sup>th</sup> December 2011	11
VIVA – Oral Presentation	21 <sup>st</sup> December 2011	13
Technical Report Submission- Final Dissertation	28 <sup>th</sup> December 2011	14

Table 2.4.1: Time Line for FYP 2

## **CHAPTER 3**

### **LITERATURE REVIEW**

#### **3.1 CRITICAL ANALYSIS OF LITERATURE**

Mesra.net Recipes has published many user-submitted recipes. In order to avoid publishing identical recipes, we review each submission to check for duplicates. Before typing in submission, taking the time to search Mesra.net Recipes is necessary to see if an identical (or very similar) recipe has already been published and this may save the trouble of submitting a recipe that would not be able to publish. If the recipe is chosen for publication it will go through an extensive editorial and data entry process before publication and it may take anywhere from 1 or 2 days to several week for the recipe to appear live on Mesra.net Recipes. [4] Based on the system, the function of submit the recipe in the system is used in the restaurant is there is new recipe that could be try. The recipes also need to approve in the system.

‘Halal’ is an Arabic word which means permissible or lawful. “O mankind! Eat of that which is lawful and wholesome, and follow not the footsteps of the devil. Lo! He is an avowed enemy of you”. (Holy Quran, 2:168). It has become increasingly challenging for Muslims to determine whether the food or drinks they consume are religiously acceptable or ‘halal’. This ‘halal’ and ‘non-halal’ problem is not only limited to food and beverage but also other products and services. One of the main aims of this website ([malaysiahalalfood.com](http://malaysiahalalfood.com)) is to provide a centralized for ‘halal’ products and services based on the certification by the Malaysian Authority and other responsible authorities recognized by Muslim worldwide. [6] For the recipe management system, to make sure that the ingredients are ‘halal’, it must be scan through a button function to seek for ‘non-halal’ ingredients.

### **3.2 RELEVANCY AND RECENTNESS OF LITERATURE**

#### **3.2.1 Recipe Blog**

Most of the recipe that is written in a blog is usually from the family recipe and someone that loves to cook. The passion of cooking make them realize that it must be shared with people and furthermore, the type of recipes that are written in a blog will be organize such as divide the recipes into western, seafood and etc. One of the recipe blog is Simply Recipe.

Simply Recipes is a blog or a personal website, created and maintained by Elise Bauer. Unlike most of the large recipe sites that might find on the Internet with tens of thousands of recipes, Simply Recipes is the personal website, with only a few hundred recipes, all tested by Elise Bauer, her family or friends. “A few years ago I started writing down the recipes I had grown up with and posting them to my website. These days most of the recipes we post we are making up. If you look through the archives though you'll find many old family recipes, and recipes my family has over 30 years pulled from cookbooks, magazines, and newspaper clippings. If we have pulled a recipe from another source, we try to attribute that source where we can”. (Elise Bauer, 2003).The recipes have shown here are using mostly whole food ingredients and only occasionally a few things from cans or prepared foods. It is believed in a varied, healthy diet, using real butter, real cream, eggs, lots of green vegetables, and protein from meat, fish, beans, and cheese. [3]

### **3.2.2 Recipe Website**

Even in cook books also has many recipes and has been made into websites. The picture of the dishes, the ingredients and the way to cooks is all been written down in the website. There is also search function, ingredients pages, comments function and cook book lists.

“101 Cookbooks is where I write about the recipes that intersect my life, travels and interests. I focus on natural, whole foods and ingredients - vegetarian recipes that are good for you, with the occasional sweet treat”. (Heidi Swanson, 2003). The site has evolved a bit since the early days. Now she choose and write about the recipes that intersect her life, travels, and her everyday interests which are often they are from cookbook collection, from a friend or family member, or might write about a recipe she created herself. [5]

# CHAPTER 4

## METHODOLOGY

The project is about managing recipe under restaurant and fresh department store using internet programming. The system development requires four main phases as the research of the project. Phase 1 involve research work and related materials that attach to the project. Phase 2, 3 and 4 involve the analysis, design and enhancement of the components that needed in the system.

### 4.1 RESEARCH METHODOLOGY

#### 4.1.1 Questionnaire

Questionnaire is one of the research methods that we use to collect data related to the project. This is one of the cheapest ways to retrieve information on current situation that suites with the requirement of the services. This research is done by observing the comments in the recipe blogs.

20 Comments

I served the chicken with grilled asparagus and garlic whipped potatoes. I marinated the asparagus in balsamic vinegar, rice vinegar and white wine vinegar while the chicken was cooking, then I grilled them on the gas grill. The grapes kept the chicken really moist, which my guests commented on!

Posted by [roland](#) on February 14, 2005 6:03 AM

Just tried this out and it was a roaring success! The flavor was excellent and the chicken was oh-so-juicy. This "breast-side-down" position really did the trick methinks! I had to change it around a little because of our lack of fresh rosemary and a small amount of leftover champagne we had that was begging to be used. I'll be sharing the results in my blog soon...thanks for one incredible roast chicken!

Posted by [joey](#) on July 14, 2005 4:03 AM

Hello, I am going to try this recipe and just one quick question, is the white wine only used for basting? You don't have to add it into the chicken before roasting right?

That is correct. The wine is for basting. As you baste the chicken with the wine, the wine will collect in the bottom of the pan with the juices from the chicken and help flavor the resulting sauce. ~Elise

Posted by [Sarah](#) on August 4, 2005 9:34 PM

My girlfriend and I prepared his chicken a couple weeks ago and it was AMAZING! The chicken was tender and the grapes added a subtle sweetness to the chicken. We were both pretty worried because the oven wasn't working properly, and we had put a little too much rosemary around the chicken, but with a little oven tweaking, it turned out perfect. We had planned on taking pictures, but it looked so delicious that we just couldn't help eating it all! ;)

Posted by [Faisal](#) on November 7, 2005 12:50 PM

**Figure 4.1: Comments for Questionnaire**

#### 4.1.2 Discussion

This is another method that might need in this project. The data captured might be more accurate and meaningful about the type of recipe and the recipe that can be inserted in the database of the system.

### 4.2 PROJECT ACTIVITIES

#### 4.2.1 Phase 1: Critical Review of Related Works

The project is based on the background study of internet programming using XHTML, CSS and PHP as the software to outcome Recipe Management System. Related work on internet or nowadays most using blogs XHTML as the main input for the web site is learned to run the system. Furthermore, the analysis of the ‘halal’ function for recipe system would be determined to develop the accurate system using technology.



A screenshot of a Microsoft Notepad window displaying an HTML file named "HomePage.html". The code is a template for a Recipe Management System. It includes meta-information (Name, Description, Version, Released), a header section with a title and a subtitle about the website, a content section with an 'about' page and a 'post' entry, and a sidebar section. The code uses classes like "bgbtm" for backgrounds and "post" for the main content area. A note at the bottom explains the purpose of the 'post' class.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Name      : The Recipe
Description: A two-column, fixed-width design.
Version   : 1.0
Released  : 20080324
-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="style.css" rel="stylesheet" type="text/css" media="screen" />
</head>
<body>
<div id="wrapper">
    <!-- start header -->
    <div id="header">
        <h1>The Recipe </h1>
        <p>&nbsp;&nbsp; &nbsp; &nbsp; &nbsp; For. Better. Ingredients</p>
    </div>
    <!-- end header -->
    <!-- start page -->
    <div id="page">
        <!-- start content -->
        <div id="content">
            <div class="bgtop">
                <div class="post">
                    <h1 class="title">About This Website</h1>
                    <div class="entry">
                        <p><strong>A Recipe</strong> is a set of instructions that describe how to prepare or make something, especially a culinary dish. Some recipes will note how long the dish will keep and its suitability for freezing. Nutritional information, such as calories per serving and grams of protein, fat, and carbohydrates per serving, may also be given. Earlier recipes often included much less information, serving more as a reminder of ingredients and proportions for someone who already knew how to prepare the dish. Recipe writers sometimes also list variations of a traditional dish, to give different tastes of the same recipes.</p>
                    </div>
                    <p class="byline">
                    <p class="meta"></p>
                </div>
            </div>
        </div>
        <!-- end content -->
        <!-- start sidebar -->
        <div id="sidebar">
            <div class="bgtop">
                <div class="bgbtm">
<ul><li>
<form action="login.php" method="post">
```

Figure 4.2.1: HTML Code

#### 4.2.2 Phase 2: Recipe Management System Setup

Preparation for Recipe Management System setup includes identifying and planning on the feasibility and procurement of tools and parts to design the optimization mechanism. Installation of database for the web site, Xampp server is required to store the data of the recipe. Xampp is the software and open source cross platform web server solution stack package consisting mainly of Apache HTTP Server, MySQL database, and interpreters for scripts written in the PHP and Perl programming language. Modelling and analysis tools will be used to improve the viability of the proposed algorithm.

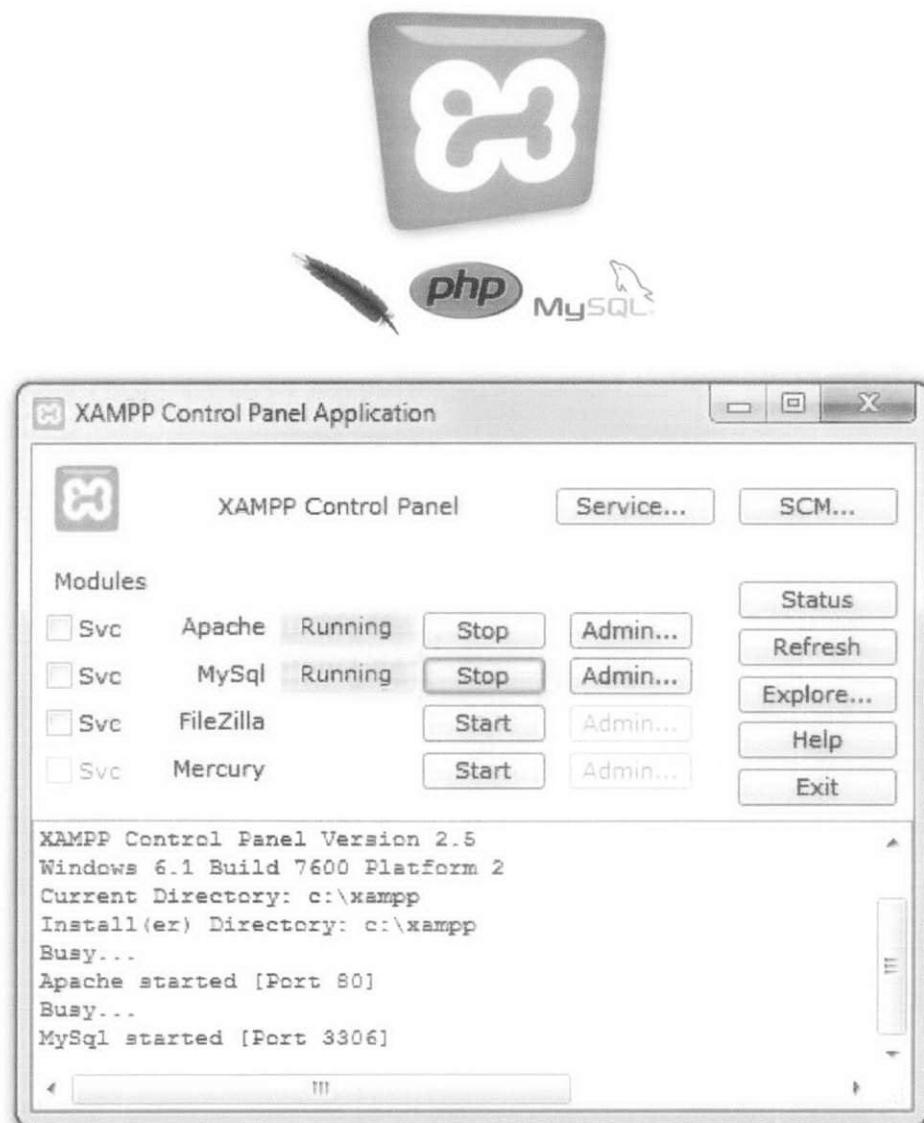
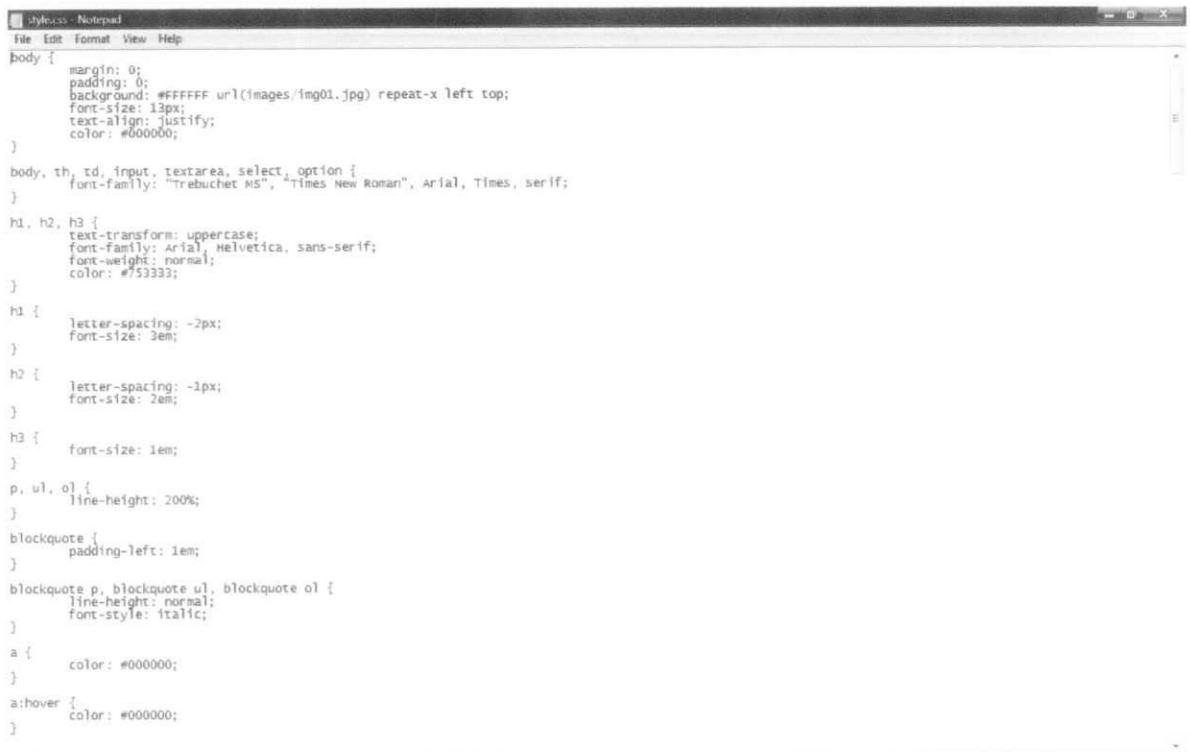


Figure 4.2.2: Xampp Control Panel

#### **4.2.3 Phase 3: Design and Development of the System**

This phase involves the modelling, designing and analyzing of the interface and the features of the web site through the system by designing the prototype. This includes the functions in CSS as the mainly interface of XHTML and development of the pages in the websites. The function may use programming such as if statement and MySQL.



The image shows a screenshot of a Windows Notepad window titled "style.css - Notepad". The window contains a block of CSS code. The code defines various styles for HTML elements like body, h1, h2, h3, p, ul, ol, and a. It includes rules for margins, padding, backgrounds (with a repeating image), font families (Trebuchet MS, Times New Roman, Arial, Helvetica, sans-serif), font sizes, text-align, color (#000000), letter-spacing, and line-height. It also includes a rule for blockquote padding-left and a rule for a: hover color.

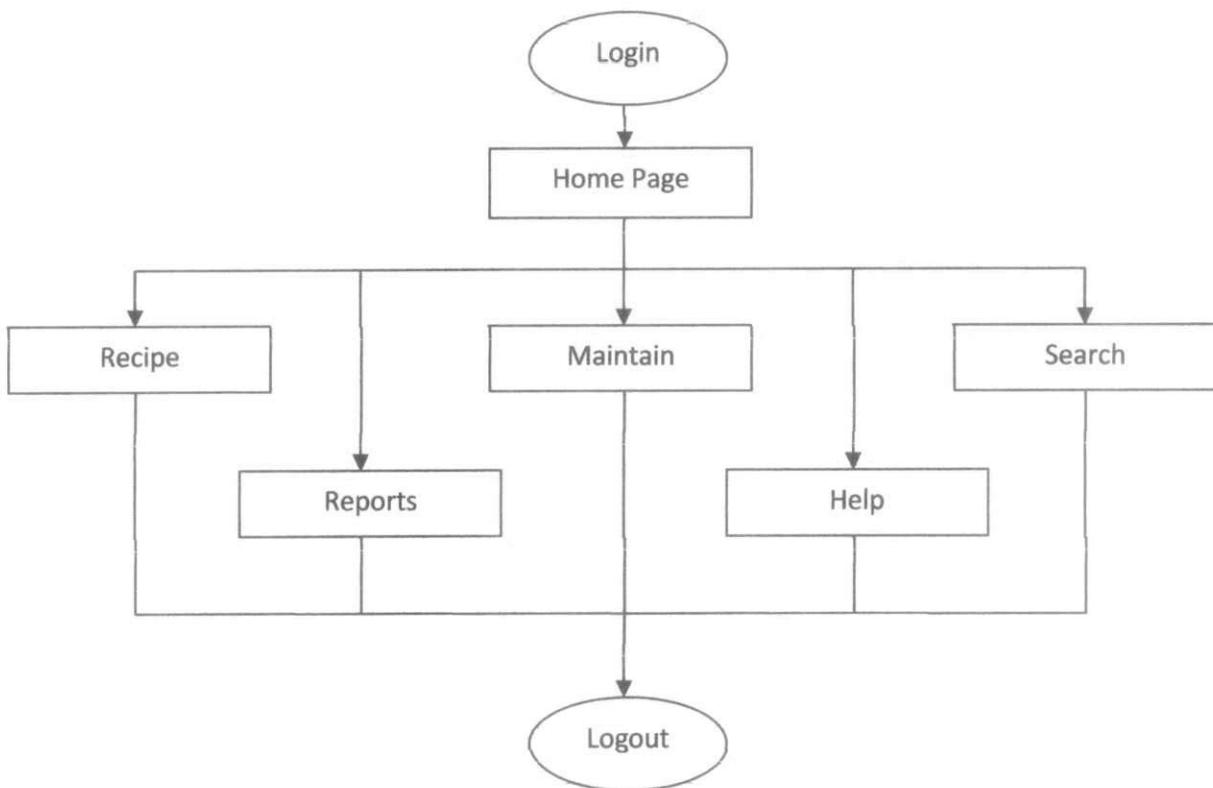
```
style.css - Notepad
File Edit Format View Help
body {
    margin: 0;
    padding: 0;
    background: #FFFFFF url(images/img01.jpg) repeat-x left top;
    font-size: 13px;
    text-align: justify;
    color: #000000;
}
body, th, td, input, textarea, select, option {
    font-family: "trebuchet ms", "times new roman", Arial, Times, serif;
}
h1, h2, h3 {
    text-transform: uppercase;
    font-family: Arial, Helvetica, sans-serif;
    font-weight: normal;
    color: #753333;
}
h1 {
    letter-spacing: -2px;
    font-size: 3em;
}
h2 {
    letter-spacing: -1px;
    font-size: 2em;
}
h3 {
    font-size: 1em;
}
p, ul, ol {
    line-height: 200%;
}
blockquote {
    padding-left: 1em;
}
blockquote p, blockquote ul, blockquote ol {
    line-height: normal;
    font-style: italic;
}
a {
    color: #000000;
}
a:hover {
    color: #000000;
}
```

**Figure 4.2.3: CSS Code**

#### **4.2.4 Phase 4: Evaluation, Testing, and Further Enhancements**

Results of the web site will be evaluated by W3C which is the testing evaluator for validation of every internet programming language under HTTP especially XHTML. Testing will be conducted with the system and further enhancement will be developed if there are more propose solutions that will be achieved.

#### 4.2.5 Flow Chart of the Recipe Management System



**Figure 4.2.5: Flow Chart**

- **Login**

The login page is where the user needs to be authenticated before logging in to Recipe management system.

- **Logout**

The logout function is for the user to exit the website and the database of Recipe Management System is closed.

- **Home Page**

The home page contains menu that divided into 5 parts as below:

The top-level menu	Home Recipes Maintain Search Reports
The Recipes menu	Create Recipe Model Recipe Modify Recipe Approve Recipe
The Maintain menu	Recipe Type Equipment List Ingredients List
The search menu	Item Recipe
The Reports menu	Ingredient/Supply Item Usage Report Recipe Report Recipes to be deleted Report

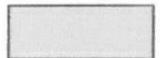
**Table 4.2.5: Home Page and Menu**

### 4.3 KEY MILESTONE & GANTT CHART

ACTIVITIES	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week
	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12	13 & 14	15 & 16	17 & 18	19 & 20	21 & 22	23 & 24	25 & 26	
<b>A Planning &amp; Analysis</b>														
1 Selection of Project Topics														
2 Develop Project Proposal														
3 Get approval from supervisor														
4 Review and submission of Project Proposal														
5 Develop Timeline (Gantt Chart)														
6 Specify Objectives														
<b>B Research &amp; Development (Phase 1)</b>														
1 Conduct Research on optimization techniques														
2 Submission of Extended Report														
3 Develop the preliminary work on the system														
4 Submission of Proposal Defence and Progress Evaluation														
<b>C Research &amp; Development (Phase 2)</b>														
1 Proposal and procurement of modelling, development and analysis tools														
2 Submission of Interim Report														
<b>D Research &amp; Development (Phase 3)</b>														
1 Design														
2 Perform analysis														
3 Conduct simulations on the proposed solution														
4 Submission of Technical Report														
<b>E Research &amp; Development (Phase 4)</b>														
1 Evaluate the simulation result														
2 Conduct testing on the propose solution														
3 Submission of Progress Report														
4 Produce dissertation														
<b>F Submission</b>														
1 Submission of project dissertation														



Milestones



Timelines

Figure 4.3 Key Milestone & Gantt Chart

## **4.4 TOOLS REQUIRED**

### **4.4.1 Hardware requirements**

<b>Number</b>	<b>Description</b>	<b>Alternatives (If available)</b>
1	PC with 2 GB hard-disk and 512 MB RAM	

### **4.4.2 Software requirements**

<b>Number</b>	<b>Description</b>	<b>Alternatives (If available)</b>
1	Internet Programming	XHTML, PHP, CSS, JavaScript
2	Database	Xampp Software

## CHAPTER 5

### RESULT & DISCUSSION

#### 5.1 FINDINGS

##### 5.1.1 Xampp Server Installation and Configuration

In order to start the development of the website, Xampp Server must be downloaded and installed. The server contains all the features to store data into the database using PHP and MySQL. Using the use case diagram of the relationship of certain table will develop the database f Recipe Management System.

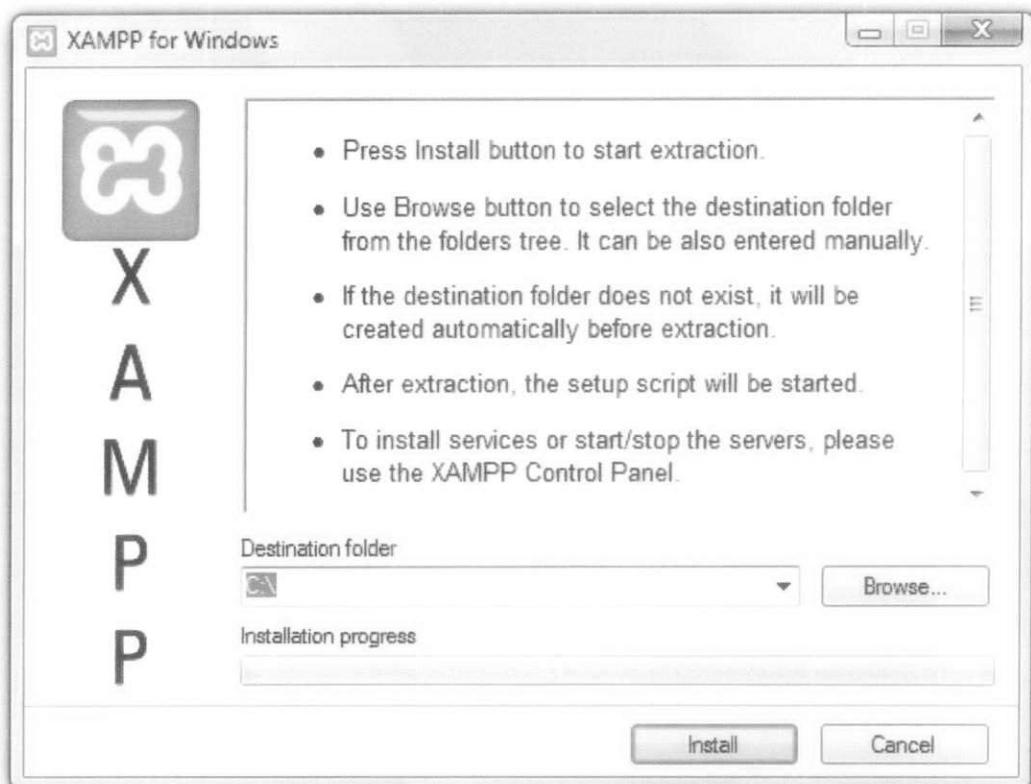


Figure 5.1.1: Xampp Server Installation

After the installation of the Xampp Server, the PHPMyAdmin will be the database of Recipe Management System. By creating the new table, all the data about the user will be stored inside this database using the interface of the website.

The screenshot shows the PHPMyAdmin interface for the 'typrecipe' database. The left sidebar lists the database and its tables: 'create\_recipe', 'user', and 'user\_authorization'. The main area displays the table structure for 'create\_recipe' with columns 'id' (int), 'name' (varchar(100)), 'description' (text), and 'instructions' (text). Below this, the table structure for 'user' is shown with columns 'id' (int), 'username' (varchar(100)), 'password' (text), and 'email' (text). The table structure for 'user\_authorization' is also listed with columns 'id' (int), 'user\_id' (int), and 'role' (enum('user', 'admin')). The bottom of the interface features a 'Create table on database typrecipe' form with fields for 'Name' and 'Number of columns'.

**Figure 5.1.2: PHPMyAdmin Database**

## 5.2 DATA GATHERING AND ANALYSIS

Part of writing good HTML code is being aware of the requirements of various browsers and devices as well as understanding the different versions of the language.

[7] To write good HTML code:

- Become well versed in history of HTML and the various versions of HTML and XHTML.
- Do not support older browser but use clients standardize browser version.
- Test the code on several different browsers and browsers version.
- Read the document on different version of HTML and XHTML.

The following XHTML code will work in a browser:

```
<!DOCTYPE ...>  
  
<html>  
  
<head>  
<title>... </title>  
</head>  
  
<body> ... </body>  
  
</html>
```

A style sheet is a set of declarations describing layout and appearance of a document. Several versions of CSS exist with varying levels of browser support. The example code of CSS is as below:

```
<head>  
  
<style type="text/css">  
hr {color:sienna;}  
p {margin-left:20px;}  
body {background-  
image:url("images/back40.gif");}  
</style>  
</head>
```

PHP stands for Hypertext Pre-processor. PHP is a server-side scripting language, like ASP PHP scripts are executed on the server and supports many databases (MySQL, Informix, Oracle, Sybase, Solid, PostgreSQL, Generic ODBC, etc.) PHP is open source software and also is free to download or use. Below is the sample of PHP:

```
<?php
$name = "Sara"; // declaration
?>
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>A simple PHP document</title>
</head>

<body style = "font-size: 3em">
<p>
<strong>

<!-- print variable name's value -->
Welcome to PHP, <?php print( "$name" ); ?>
</strong>
</p>
</body>
</html>
```

## 5.3 PROTOTYPE OF RECIPE MANAGEMENT SYSTEM

### 5.3.1 Home Page

This website uses 'The Recipe' as the name of the home page. The home page of Recipe Management System contains functions such as Sign In and Sign Up. Both of these functions are used by the user to create an account to use the system.



Figure 5.3.1: Home Page

### 5.3.2 Sign Up

Before using the system, the user must sign up to create an account. At the home page, click on the Sign Up and the sign up form will appear as below. This form is used by the user and they have to fill in their first name, last name, phone, email, user name and password. All the data will be stored in the Xampp server or PHPMyAdmin database.



Figure 5.3.2: Sign Up

After sign up, this home page to welcome the user will appear.

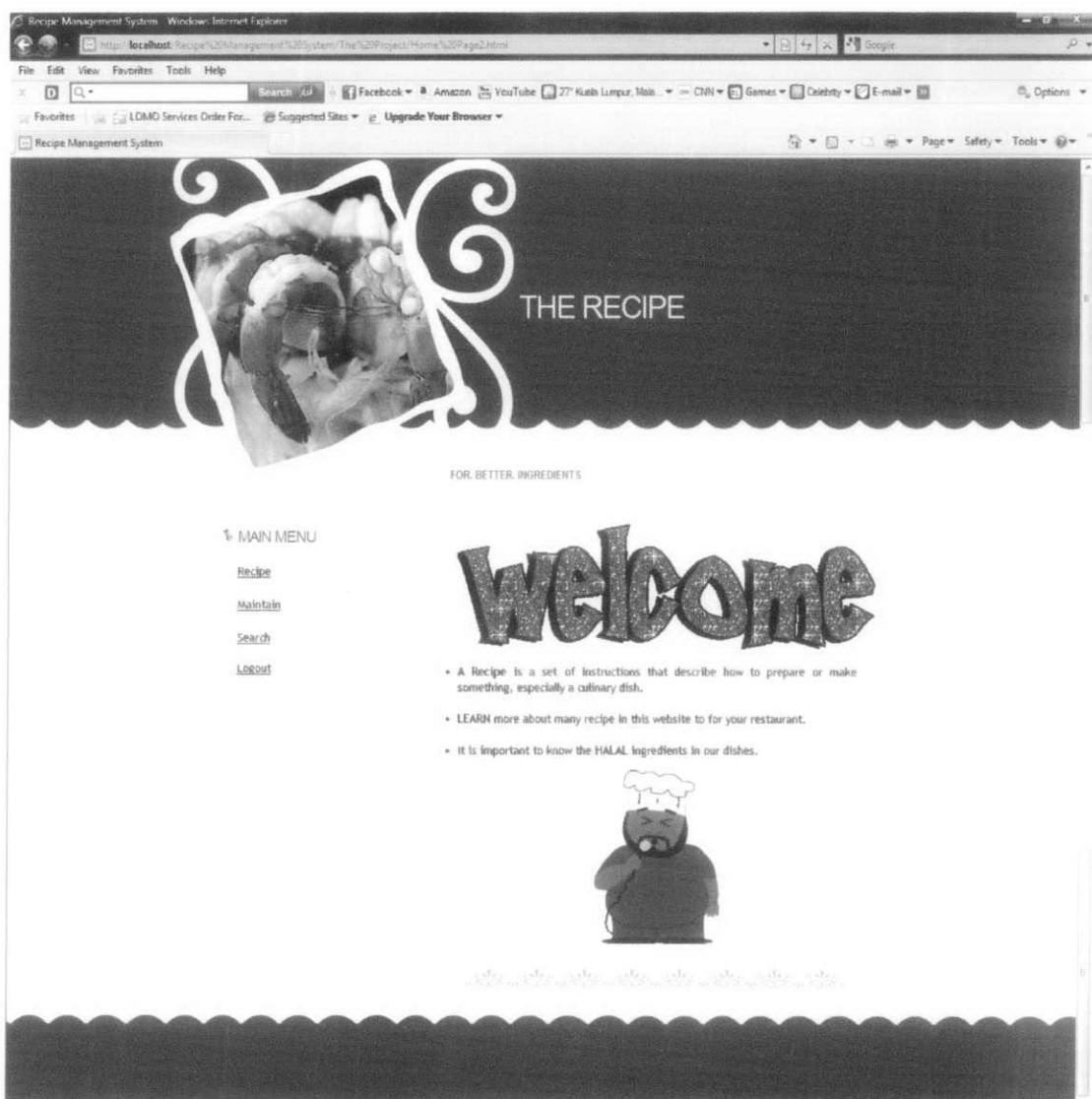


Figure 5.3.3: Sign Up

### 5.3.3 Recipe Menu

After Sign Up and Sign In as the user, the top level menu will be open. The recipe menu contains functions to create recipe, review of the model recipe, modify the recipe and approve recipe to be used by the user.



Figure 5.3.3: Recipe Menu

This is the **Create Recipe** page where by the users of this system can create and upload a new recipe that they would like to try in the restaurant.



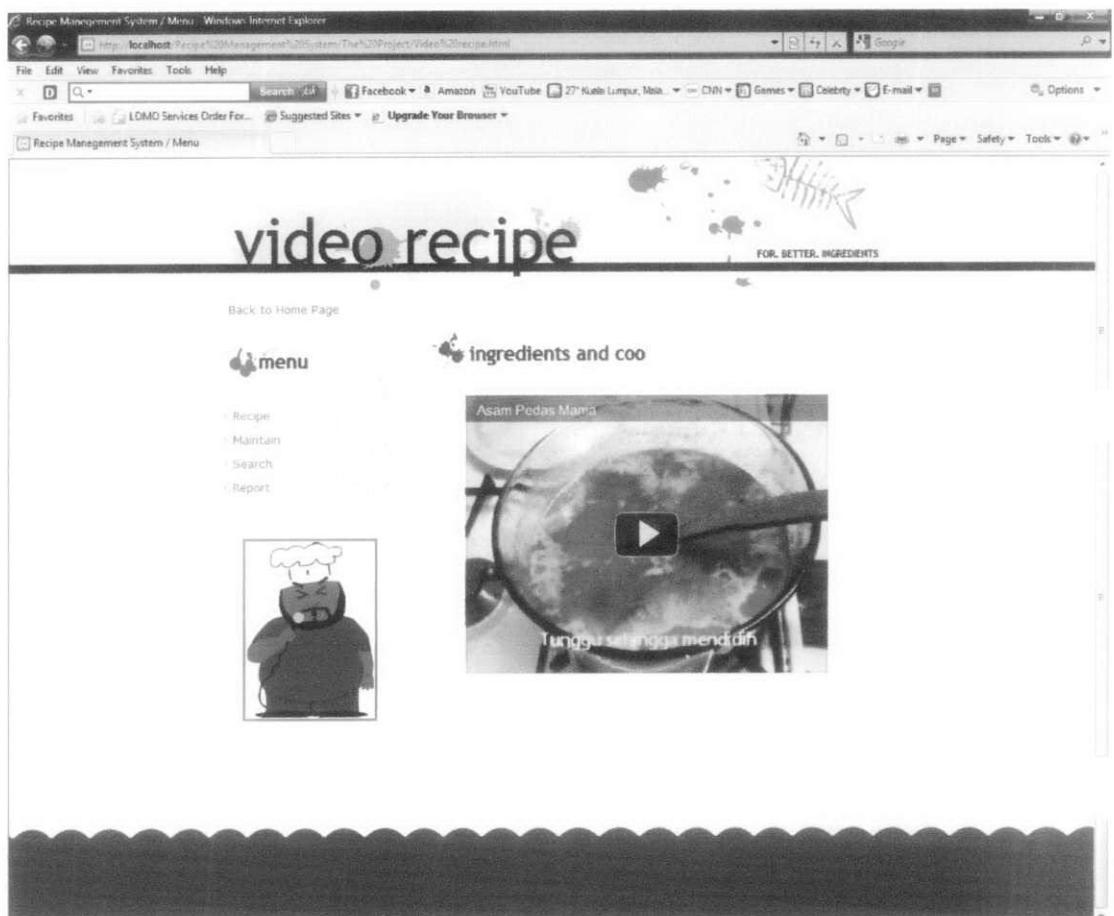
This is the **Approve Recipe** page which contains the approval of 'halal' ingredients if the user has already uploaded a new recipe. The function of approve recipe is to scan and detect all the ingredients use in the recipe to make sure that it is not a non-halal ingredients.



This is the **Model Recipe** page where the entire recipe that has been uploaded will be display here.



This is the **Video Recipe** page where show some videos about making a dishes.



This is the  
**Approve Halal  
Recipe** page will  
pop up the non-  
halal ingredients  
that has been type  
into the box  
(example E471).



### 5.3.4 Maintain Menu

Other than recipe menu, there is a maintain menu which contains recipe type, ingredients list, local item description, and equipment list.



Figure 5.3.4: Maintain Menu

## **CHAPTER 6**

### **CONCLUSION & RECOMMENDATIONS**

#### **6.1 RELEVANCY TO THE OBJECTIVE**

In conclusion, the current systems use the technology such as blog to determine and collect recipe but with this project, it will enhance the usage of recipe with benefits. This Recipe Management System uses the web technology to create a system for Muslim restaurants to determine the Halal ingredients and to collect new recipes. This project is aimed to enhance the usage of softcopy of recipes.

Every recipe in books or magazine can be organized within the new technology and further enhancement will be made to seek the halal ingredients to solve the issue of halal product. Besides that, this project can help the restaurants to looking forward in managing their recipes. Hence, I hope the system will be widely used in near future.

#### **6.2 SUGGESTED FUTURE WORK FOR EXPANSION AND CONTINUATION**

The current systems use the technology such as blog to determine and collect recipe but with this project, it will enhance the usage of recipe with benefits. The recommendations of the project are:

- Develop the system using more functions in PHP.
- Enhancement on the system's interface.
- Insert more recipes in the system database.

## **REFERENCES**

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- [3] About Simply Recipe. Retrieved November 8, 2011 from Simply Recipe blog  
<<http://simplyrecipes.com/about.php>>
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- [5] About 101 Cookbooks. Retrieved November 10, 2011 from 101 Cookbooks website <<http://www.101cookbooks.com>>
- [6] Halal, a World wide Challege. Retrieved November 10, 2011 from  
<<http://www.malaysiahalalfoods.com>>
- [7] Patrick Carey 2010, HTML, XHTML, and Dynamic HTML 4<sup>th</sup> Edition, Tutorial 1: Developing a Web Page, pp7

## APPENDICES

### Appendix 1: Home Page 1 & Sign In (HTML)

```
@ HomePage.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Name      : The Recipe
Description: A two-column, fixed-width design.
Version   : 1.0
Released  : 20080324
-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="style.css" rel="stylesheet" type="text/css" media="screen" />
</head>
<body>

<div id="wrapper">
  <!-- start header -->
  <div id="header">
    <h1>The Recipe</h1>
    <marquee behavior="scroll" direction="left" scrollamount="5"><p>For. Better. Ingredients</p></marquee>
    <left><a href="http://www.zwani.com/graphics/animated/"><img alt="zwani.com myspace graphic comments" border=0></a><br></left>
  </div>
  <!-- end header -->
  <!-- start page -->
  <div id="page">
    <!-- start content -->
    <div id="content">
      <div class="bgtop">
        <div class="bgbtm">
          <div class="post">
            <h1 class="title">About This Website</h1>
            <div class="entry">
              <p><strong>A Recipe </strong> is a set of instructions that describe how to prepare or make something, especially a culinary dish. Some recipes will note how long the dish will keep and its suitability for freezing. Nutritional information, such as calories per serving and grams of protein, fat, and carbohydrates per serving, may also be given. Earlier recipes often included much less information, serving more as a reminder of ingredients and proportions for someone who already knew how to prepare the dish. Recipe writers sometimes also list variations of a traditional dish, to give different tastes of the same recipes. </p>
            </div>
            <p class="byline">
              <p class="meta"></p>
            </div>
          </div>
        </div>
      </div>
      <!-- end content -->
      <!-- start sidebar -->
      <div id="sidebar">
        <div class="bgtop">
          <div class="bgbtm">
            <ul>
              <form action="login.php" method="post">
                <p><br/><strong>Username:</strong></p> <input type="text" name="myusername" id="myusername" />
                <p><strong>Password:</strong></p> <input type="text" name="mypassword" id="mypassword" />
                <p><input type="submit" value="Sign In" /></p>
              </form>
              <p>Don't have an account?<br/><a href="Sign up.html">Sign Up</a> now!</p>
            </ul>
          </div>
        </div>
      </div>
      <!-- end sidebar -->
    </div>
  </div>
  <!-- end page -->
  <div id="footer">
    </div>
  </div>
</body>
</html>
```

## Appendix 2: Home Page 2 (HTML)

```
④ HomePage2.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Name : The Recipe
Description: A two-column, fixed-width design.
Version : 1.0
Released : 20030324
-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="style.css" rel="stylesheet" type="text/css" media="screen" />
</head>
<body>
<div id="wrapper">
    <!-- start header -->
    <div id="header">
        <h1>The Recipe </h1>
        <marquee behavior="scroll" direction="left" scrollamount="5"> <p>For. Better. Ingredients</p></marquee>
    </div>
    <!-- end header -->
    <!-- start page -->
    <div id="page">
        <!-- start content -->
        <div id="content">
            <div class="bgtop">
                <div class="bgbtm">
                    <div class="post">
                        <h1 class="title"><center><img alt="zwani.com myspace graphic comments" border=0></a><br></center></h1>
                        <div class="entry">
                            <p>
                                <strong>A Recipe </strong> is a set of instructions that describe how to prepare or make something, especially a culinary dish. </strong>
                                <strong>LEARN </strong> more about many recipe in this website to for your restaurant.</strong>
                                <strong>It is important to know the </strong> HALAL </strong> ingredients in our dishes.</strong>
                            </p>
                            <center><img alt="zwani.com myspace graphic comments" border=0></a><br></center>
                            <div>
                                <p class="byline">
                                    <p class="meta"></p>
                                </div>
                            </div>
                        </div>
                    <!-- end content -->
                    <!-- start sidebar -->
                    <div id="sidebar">
                        <div class="bgtop">
                            <div class="bgbtm">
                                <ul>
                                    <li>
                                        <h2>Main Menu</h2>
                                        <ul>
                                            <li><a href="recipe menu.html">Recipe</a></li>
                                            <li><a href="maintain menu.html">Maintain</a></li>
                                            <li><a href="search menu.html">Search</a></li>
                                            <li><a href="#">Logout</a></li>
                                        </ul>
                                    </li>
                                </ul>
                            </div>
                        </div>
                    <!-- end sidebar -->
                </div>
            <!-- end page -->
            <div id="footer">
            </div>
        </div>
    </div>

```

## Appendix 3: Recipe Menu (HTML)

```
<!-- Recipe Menu.html -->
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Title      : Recipe Menu
Version    : 1.0
Released   : 20070615
Description: A two-column, fixed width template with a artistic look.

-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System / Menu</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="default.css" rel="stylesheet" type="text/css" />

</head>
<body>
<div id="header">
  <h1>Recipes</h1>
  <p>For. Better. Ingredients</p>
</div>

<!-- end header -->
<div id="page">
  <div id="content">
    <div class="feature bg7">
      <h1 class="title"></h1>
      <div class="content">
        <div>
          <div>
            <div class="box">
              <h2 class="title bg4"><a href="Create Recipe.html" accesskey="1" title="">Create Recipe</a></h2>
              <p></p>
              <p></p>
            </div>
            <div class="box" style="padding-left: 19px;">
              <h2 class="title bg5"><a href="Approve recipe.html" accesskey="1" title="">Approve Halal Recipe</a></h2>
              <p></p>
              <p></p>
            </div>
            <div class="box" style="padding-left: 19px;">
              <h2 class="title bg4"><a href="Video recipe.html" accesskey="1" title="">Video Recipe</a></h2>
            </div>
            <div class="box" style="padding-left: 19px;">
              <h2 class="title bg5"><a href="Model recipe.html" accesskey="1" title="">Model Recipe</a></h2>
            </div>
            <p><center><marquee behavior="scroll" direction="left" scrollamount="5"> </marquee></center></p>
            <p><br></p>
          </div>
        </div>
        <!-- end content -->
        <div id="sidebar">
          <p><a href="Home Page2.html">Back to Home Page</a></p>
          <ul>
            <li id="menu" class="bg6">
              <h2 class="bg1">Menu</h2>
              <ul>
                <li><a href="Maintain menu.html" accesskey="2" title="">Maintain</a></li>
                <li><a href="Search menu.html" accesskey="3" title="">Search</a></li>
                <li><a href="Report menu.html" accesskey="4" title="">Report</a></li>
              </ul>
            </li>
          </ul>
        </div>
        <br/><br/>
        <p><center><a href="http://www.zwani.com/graphics/animated/"></a><br></center></p><br/><br/>
      </div>
      <!-- end sidebar -->
      <div style="clear: both;"><br></div>
    </div>
    <!-- end page -->
    <div id="footer">
      </div>
    <!-- end footer -->
  </div>
</body>
</html>
```

## Apendix 4: Create Recipe (HTML)

```
● Date Recipe.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Title      : Recipe Menu (Create Recipe)
Version    : 1.0
Released   : 20070615
Description: A two-column, fixed width template with a artistic look.

-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System / Menu</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="default.css" rel="stylesheet" type="text/css" />

</head>
<body>

<div id="header">
  <h1>Create Recipe</h1>
  <p>For Better Ingredients</p>
</div>
<!-- end header -->
<div id="page">
  <div id="content">
    <div class="feature bg7">
      <h1 class="title"></h1>
      <div class="content">

        </div>
    </div>
    <div class="box">
      <h2 class="title bg4"><marquee behavior="scroll" direction="left" scrollamount="5"> Ingredients and Cooking Instruction</marquee></h2>
      <p>
      <ul>
        <form method="post" action="CreateRecipe.php">
          Ingredients:<br/>
          <textarea wrap="virtual" name="ingredient" value="" rows="9" cols="41"></textarea><br/><br/>
          Cooking Instructions:<br/>
          <textarea wrap="virtual" name="cooking_instruction" value="" rows="9" cols="41"></textarea><br/><br/>
          <input type="Reset" value="Cancel"/><input type="submit" value="Submit" /><br />
        </form>
      </ul>
      </p>
    </div>
  </div>
  <!-- end content -->
  <div id="sidebar">
    <p><a href="HomePage2.html">Back to Home Page</a></p>
    <ul>
      <li id="menu" class="bg6">
        <h2 class="bg1">Menu</h2>
        <ul>
          <li><a href="Recipe menu.html" accesskey="2" title="">Recipe</a></li>
          <li><a href="Maintain menu.html" accesskey="2" title="">Maintain</a></li>
          <li><a href="Search menu.html" accesskey="3" title="">Search</a></li>
          <li><a href="Report menu.html" accesskey="4" title="">Report</a></li>
        </ul>
      </li>
    </ul>
  </div>
<br/><br/>
<p><center><a href="http://www.zwani.com/graphics/animated/"><img alt="zwani.com myspace graphic comments" border="0" /></a></center></p><br/><br/>
<div style="clear: both;"><br/></div>
</div>
<!-- end page -->
<div id="footer">

</div>
<!-- end footer -->
</body>
</html>
```

## Appendix 5: Approve Halal Recipe (HTML)

```
④ Approve Recipe.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Title      : Recipe Menu (Approve Halal Recipe)
Version    : 1.0
Released   : 20070619
Description: A two-column, fixed width template with a artistic look.

-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System / Menu</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="default.css" rel="stylesheet" type="text/css" />
<SCRIPT TYPE="text/javascript">
<!--
function popup(mylink, windowname)
{
if (! window.focus) return true;
var href;
if (typeof(mylink) == 'string')
  href=mylink;
else
  href=mylink.href;
window.open(href, windowname, 'width=400,height=235,scrollbars=yes');
return false;
}
//-->
</SCRIPT>
</head>
<body>
<div id="header">
  <h1>Approve Recipe</h1>
  <p>For Better Ingredients</p>
</div>
<!-- end header -->
<div id="page">
  <div id="content">
    <div class="feature bg">
      <h1 class="title"></h1>
      <div class="content">
        </div>
    </div>
    <div class="box">
      <h2 class="title bg1">Halal</h2>
      <p>
        <ul>
          <li>
            Ingredients and Cooking Instruction:<br/><br/>
<textarea wrap="virtual" name="recipe" value="" rows="5" cols="41"></textarea><br/><br/>
<input type="submit" value="Approve Halal" onClick="javascript: window.open('Halal.html', 'window_name', 'width = 250, height = 250');">
</form>
          </ul>
        </p>
      </div>
    <!-- end content -->
    <div id="sidebar">
      <p><a href="Home Page2.html">Back to Home Page</a></p>
      <ul>
        <li id="menu" class="bg6">
          <h2 class="bg1">Menu</h2>
          <ul>
            <li><a href="Recipe menu.html" accesskey="2" title="">Recipe</a></li>
            <li><a href="Maintain menu.html" accesskey="2" title="">Maintain</a></li>
            <li><a href="Search menu.html" accesskey="3" title="">Search</a></li>
            <li><a href="Report menu.html" accesskey="4" title="">Report</a></li>
          </ul>
        </li>
      </ul>
      <p><marquee behavior="alternate" direction="up" scrollamount="5"></marquee> </p>
    <!-- end sidebar -->
    <div style="clear: both;"></div>
  <!-- end page -->
<div id="footer">
</div>
<!-- end footer -->
</body>
</html>
```

## Appendix 6: Model Recipe (HTML)

```

❶ Model Recipe.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Title      : Recipe Menu (Model Recipe)
Version    : 1.0
Released   : 20070615
Description: A two-column, fixed width template with a artistic look.

-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System / Menu</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="default.css" rel="stylesheet" type="text/css" />
</head>
<body>
<div id="header">
    <h1>Model Recipe</h1>
    <p>For Better Ingredients</p>
</div>
<!-- end header -->
<div id="page">
    <div id="content">
        <div class="feature bg3">
            <h1 class="title">Nasi Lemak</h1>
            <div class="content">
                </div>
        </div>
        <div class="box">
            <h2 class="title bg4">Ingredients</h2>
            <p>
                <ul>
                    <li>1 Cup Rice, (washed and drained) </li>
                    <li>2 Cups Santan </li>
                    <li>1 Pandan Leaf, (tied in a knot) </li>
                    <li>1/4 Teaspoon Salt </li>
                    <li>10-12 Prawns, (shelled and de-veined) </li>
                    <li>1 Large Onion, (sliced) </li>
                    <li>1/4 Teaspoon Salt </li>
                    <li>1 Teaspoon Sugar </li>
                    <li>2 Tablespoons Tamarind Juice </li>
                    <li>2 Tablespoons Cooking Oil</li>
                    <li>2 Dried Chillies </li>
                    <li>2 Fresh Chillies </li>
                    <li>1 Small Piece Blacan </li>
                    <li>1/2-inch piece Lengkung </li>
                    <li>1 Candie Nut</li>
                    <li>2 Hard-Boiled Eggs, (cut in wedges) </li>
                    <li>2 Tablespoons Ikan Bilis, (deep-fried till crisp) </li>
                    <li>1 Piece Yellow Bean Curd, (deep-fried & sliced thinly)</li>
                    <li>1/4 Cucumber, (sliced thinly) </li>
                    <li>2 oz Rangkong, (scalded) </li>
                </ul>
            </p>
        </div>
        <div class="box">
            <h2 class="title bg4">Cooking Instruction</h2>
            <p>
                <ul>
                    <li>1 Wash and clean the rice and put it in a small pot. Add the Santan and the Pandan Leaf and bring to the Boil.</li>
                    <li>2 When the rice begins to boil, lower the heat. </li>
                    <li>3 Simmer gently for 10 -15 minutes until all the water has been absorbed and remove from the heat. </li>
                    <li>4 Loosen rice grains with chopsticks. Cover up and allow rice to cook in its own heat for 10-15 minutes.</li>
                    <li>5 While the rice is cooking, prepare the Garnishing and Prawn Sambal. </li>
                    <li>6 For the Sambal, beat oil and fry the onions until slightly brown. </li>
                    <li>7 Add the powdered ingredients and fry until fragrant. Add Prawns and fry for 2 - 3 minutes. </li>
                    <li>8 Add Sugar, Salt and Tamarind Juice. Allow to cook for another 4-5 minutes and serve. </li>
                    <li>9 Serve the rice with the Sambal and other Garnishing.
                </ul>
            </p>
        </div>
    </div>
    <!-- end content -->
    <div id="sidebar">
        <p><a href="Home Page2.html">Back to Home Page</a></p>
        <ul>
            <li id="menu" class="bg6">
                <h2 class="bg1">Menu</h2>
                <ul>
                    <li><a href="Recipe menu.html" accesskey="1" title="">Recipe</a></li>
                    <li><a href="Maintain menu.html" accesskey="2" title="">Maintain</a></li>
                    <li><a href="Search menu.html" accesskey="3" title="">Search</a></li>
                    <li><a href="Report menu.html" accesskey="4" title="">Report</a></li>
                </ul>
            </li>
        </ul>
    </div>
    <marquee behavior="alternate" direction="up" scrollamount="5"></marquee></p>
    <!-- end sidebar -->
    <div style="clear: both;"><br></div>
</div>
<!-- end page -->

<div id="footer">
</div>
<!-- end footer -->
</body>
</html>

```

## Appendix 7: Video Recipe (HTML)

```
④ Video Recipe.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Title      : Recipe Menu (Video Recipe)
Version    : 1.0
Released   : 20070615
Description: A two-column, fixed width template with a artistic look.

-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Recipe Management System / Menu</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="default.css" rel="stylesheet" type="text/css" />
</head>
<body>
<div id="header">
  <h1>Video Recipe</h1>
  <p>For Better Ingredients</p>
</div>
<!-- end header -->
<div id="page">
  <div id="content">
    <div class="feature bg7">
      <h1 class="title"></h1>
      <div class="content">
        </div>
    </div>
    <div class="box">
      <h2 class="title bg8"><marquee behavior="scroll" direction="left" scrollamount="5"> Ingredients and Cooking Instruction</marquee></h2>
      <p>
        <ul>
        </ul>
      </p>
    </div>
  <!-- end content -->
  <div id="sidebar">
    <p><a href="Home Page2.html">Back to Home Page</a></p>
    <ul>
      <li id="menu" class="bg6">
        <h2 class="bg1">Menu</h2>
        <ul>
          <li><a href="Recipe menu.html" accesskey="2" title="">Recipe</a></li>
          <li><a href="Maintain menu.html" accesskey="2" title="">Maintain</a></li>
          <li><a href="Search menu.html" accesskey="3" title="">Search</a></li>
          <li><a href="Report menu.html" accesskey="4" title="">Report</a></li>
        </ul>
      </li>
    </ul>
  </div>
  <br/><br/>
  <p><center><a href="http://www.zwani.com/graphics/animated/"><img alt="zwani.com myspace graphic comments" border=0></a></center></p><br/><br/>
  </div>
  <!-- end sidebar -->
  <div style="clear: both;"><br/><br/></div>
<!-- end page -->
<div id="footer">
</div>
<!-- end footer -->
</body>
</html>
```

## Appendix 8: Sign Up (HTML)

```
① Signup.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!--
Name : The Recipe (Sign Up)
Description: A two-column, fixed-width design.
Version : 1.0
Released : 2008024
-->
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<title>Sign Up Now!</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="style.css" rel="stylesheet" type="text/css" media="screen" />
</head>
<body>
<div id="wrapper">
    <!-- start header -->
    <div id="header">
        <h1>The Recipe </h1>
        <p>Cooking for Better Ingredients</p>
    </div>
    <!-- end header -->
    <!-- start page -->
    <div id="page">
        <p><a href="Home Page.html">Back to Home Page</a></p>
        <!-- start content -->
        <div id="content">
            <div class="bgtop">
                <div class="pbtm">
                    <div class="post">
                        <h1>Sign Up Now!</h1>
                        <div class="entry">
                            <form method="post" action="Signup.php">
                                <label>First Name:</label>
                                <input type="text" name="first_name"/><br/><br/>
                                <label>Last Name:</label>
                                <input type="text" name="last_name"/><br/><br/>
                                <label>Phone:</label>
                                <input type="text" name="phone"/><br/><br/>
                                <label>Email:</label>
                                <input type="text" name="email"/><br /><br />
                                <label>User Name:</label>
                                <input type="text" name="username"/><br /><br />
                                <label>Password:</label>
                                <input type="password" name="password"/><br /><br />
                                <input type="submit" value="Sign Up" /> <input type="Reset"><br />
                            </form>
                        </div>
                    <div class="byline">
                        <p><img alt="sign up image2.jpg" width="250" height="170" /> <img alt="sign up image.jpg" width="250" height="340" /></p>
                    </div>
                </div>
            </div>
        <!-- end content -->
        <!-- start sidebar -->
        <div id="sidebar">
            <div class="image">
                <img alt="sign up image2.jpg" width="250" height="170" />
                <img alt="sign up image.jpg" width="250" height="340" />
            </div>
        </div>
        <!-- end sidebar -->
    </div>
    <!-- end page -->
    <div id="footer">
        </div>
    </div>
</body>
</html>
```

## Appendix 9: Halal Function (HTML)

```
● halal.html
<html>
<head>
<title>Halal Recipe</title>
</head>
<body>
<!-- HTML Codes by QuarkKit.com -->
<marquee style="z-index:2;position:absolute;left:56;top:82;font-family:Cursive;font-size:14pt;color:ffcc00;height:183;"scrollamount="5"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:212;top:10;font-family:Cursive;font-size:14pt;color:ffcc00;height:313;"scrollamount="5"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:128;top:78;font-family:Cursive;font-size:14pt;color:ffcc00;height:177;"scrollamount="6"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:163;top:72;font-family:Cursive;font-size:14pt;color:ffcc00;height:226;"scrollamount="7"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:48;top:111;font-family:Cursive;font-size:14pt;color:ffcc00;height:284;"scrollamount="7"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:147;font-family:Cursive;font-size:14pt;color:ffcc00;height:90;"scrollamount="2"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:207;top:36;font-family:Cursive;font-size:14pt;color:ffcc00;height:261;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:108;top:106;font-family:Cursive;font-size:14pt;color:ffcc00;height:261;"scrollamount="3"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:282;top:9;font-family:Cursive;font-size:14pt;color:ffcc00;height:71;"scrollamount="5"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:19,top:29;font-family:Cursive;font-size:14pt;color:ffcc00;height:200;"scrollamount="7"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:18,top:91;font-family:Cursive;font-size:14pt;color:ffcc00;height:115;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:24;top:9;font-family:Cursive;font-size:14pt;color:ffcc00;height:255;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:199;top:89;font-family:Cursive;font-size:14pt;color:ffcc00;height:161;"scrollamount="2"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:315;top:6;font-family:Cursive;font-size:14pt;color:ffcc00;height:289;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:96;top:76;font-family:Cursive;font-size:14pt;color:ffcc00;height:399;"scrollamount="6"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:268;top:68;font-family:Cursive;font-size:14pt;color:ffcc00;height:221;"scrollamount="5"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:315;top:43;font-family:Cursive;font-size:14pt;color:ffcc00;height:303;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:296;top:22;font-family:Cursive;font-size:14pt;color:ffcc00;height:164;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:263;top:84;font-family:Cursive;font-size:14pt;color:ffcc00;height:304;"scrollamount="1"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:290;top:83;font-family:Cursive;font-size:14pt;color:ffcc00;height:421;"scrollamount="6"
direction="down">the recipe</marquee>

<marquee style="z-index:2;position:absolute;left:208;top:25;font-family:Cursive;font-size:14pt;color:ffcc00;height:126;"scrollamount="2"
direction="down">the recipe</marquee>

<p>This ingredients is non - halal.</p>
</body>
</html>
```

## Apendix 10: Sign Up (PHP)

```
@ Signup.php
<?php
$con = mysql_connect("localhost","root","");
if (!$con)
{
    die('Could not connect: ' . mysql_error());
}

mysql_select_db("fyp_recipesystem", $con);

$sql="INSERT INTO user (first_name,last_name,phone,email,username,password)
VALUES
('$_POST[first_name]','$_POST[last_name]','$_POST[phone]','$_POST[email]','$_POST[username]','$_POST[password]')";

if (!mysql_query($sql,$con))
{
    die('Error: ' . mysql_error());
}
echo "Thank You for sign up at Recipe Management System ";

mysql_close($con)

?>
```

## Apendix 11: Login (PHP)

```
@ login.php
<?php
$host="localhost"; // Host name
$username=""; // Mysql username
$password=""; // Mysql password
$db_name="fyp_recipesystem"; // Database name
$table_name="user"; // Table name

// Connect to server and select database.
mysql_connect("$host", "root", "") or die("cannot connect");
mysql_select_db("$db_name") or die("cannot select DB");

// username and password sent from form
$username=$_POST['myusername'];
$password=$_POST['mypassword'];

// To protect MySQL injection (more detail about MySQL injection)
$username = stripslashes($username);
$password = stripslashes($password);
$username = mysql_real_escape_string($username);
$password = mysql_real_escape_string($password);

$sql="SELECT * FROM $tbl_name WHERE username='$username' and password='$password'";
$result=mysql_query($sql);

// MySQL_num_rows is counting table row
$count=mysql_num_rows($result);
// If result matched $myusername and $mypassword, table row must be 1 row

if($count==1){
// Register $myusername, $mypassword and redirect to file "Home page2.html"
session_register("myusername");
session_register("mypassword");
header("location:Home page2.html");
}
else {
echo "Wrong Username or Password. Please try again and type the correct username and password.";
}
?>
```

## Appendix 12: Create Recipe (PHP)

```
@ CreateRecipe.php
<?php
$con = mysql_connect("localhost","root","");
if (!$con)
{
    die('Could not connect: ' . mysql_error());
}

mysql_select_db("fyp_recipesystem", $con);

$sql="INSERT INTO user (ingredient,cooking_instruction)

VALUES
('$_POST[ingredient]','$_POST[cooking_instruction]')";

if (!mysql_query($sql,$con))
{
    die('Error: ' . mysql_error());
}
echo "New Recipe has been added.Thank you!";

mysql_close($con)
?>
```

## Apendix 13: Default (CSS)

```
❶ default.css
body {
    margin: 0;
    padding: 0;
    background: #FFFFFF url(image/img01.gif) repeat-x;
    font-family: Verdana, Arial, Helvetica, sans-serif;
    font-size: 13px;
    color: #666666;
}

h1, h2, h3 {
    font-family: "Trebuchet MS", Arial, Helvetica, sans-serif;
    color: #000000;
}

h1 {
    font-weight: normal;
    font-size: 237%;
}

a {
    border-bottom: 1px dotted #CCCCCC;
    text-decoration: none;
    color: #1777B1;
}

a:hover {
    border-bottom: none;
    color: #FF7400;
}

img {
    border: 3px solid #7F7772;
}

img.left {
    float: left;
    margin: 6px 15px 0 0;
}

img.right {
    float: right;
    margin: 6px 0 0 15px;
}

.bg1 { background: url(image/img04.gif) no-repeat left bottom; }
.bg2 { background: url(image/img05.gif) no-repeat left bottom; }
.bg3 { background: url(image/img06.gif) no-repeat left bottom; }
.bg4 { background: url(image/img08.gif) no-repeat left bottom; }
.bg5 { background: url(image/img09.gif) no-repeat left bottom; }
.bg6 { background: url(image/img10.gif) no-repeat right bottom; }
.bg7 { background: url(image/img11.gif) no-repeat right bottom; }

.feature {
}

.feature .image {
    padding: 0 0 0 40px;
}

.feature .title {
}

.feature .content {
    padding: 0 0 0 40px;
}

.box {
    float: left;
    width: 250px;
}

.box .title {
    height: 40px;
    padding: 20px 0 0 40px;
    text-transform: lowercase;
    font-size: 167%;
}
```

```

.box .content {
}

.list {
    margin-left: 0;
    padding-left: 0;
    list-style: none;
}

.list li {
    padding-left: 10px;
    background: url(image/img07.gif) no-repeat left center;
}

/* Header */

#header {
    width: 760px;
    height: 150px;
    margin: 0 auto;
    background: url(image/img02.gif) no-repeat;
}

#header h1, #header p {
    margin: 0;
    margin: 0;
    font-weight: normal;
    color: #000000;
}

#header h1 {
    float: left;
    padding: 58px 0 0 12px;
    text-transform: lowercase;
    line-height: 72px;
    font-size: 72px;
}

#header p {
    float: right;
    padding: 102px 0 0 0;
    text-transform: uppercase;
    font: bold 11px "Trebuchet MS", Arial, Helvetica, sans-serif;
}

#header p a {
    font-size: 167%;
}

#header a {
    border: none;
    color: #000000;
}

/* Page */

$page {
    width: 760px;
    margin: 0 auto;
}

/* Content */

#content {
    float: right;
    width: 519px;
}

#content p, #content ul, #content ol {
    line-height: 1.8em;
}

/* Sidebar */

#sidebar {
    float: left;
    width: 200px;
    padding: 0 20px 0 0;
    border-right: 1px dotted #DCDCDC;
}

#sidebar ul {
    margin: 0;
    padding: 0;
    list-style: none;
}

#sidebar li {
}

#sidebar li ul {
}

#sidebar li li {
    padding: 5px 10px;
    background: url(image/img07.gif) no-repeat 0 10px;
    border-top: 1px dotted #DCDCDC;
}

#sidebar li li.first {
    border-top-color: #FFFFFF;
}

#sidebar h2 {
    height: 40px;
    padding: 20px 0 0 40px;
    text-transform: lowercase;
    font-size: 167%;
}

```

```
#sidebar a {
    border: none;
}

#sidebar a:hover {
    border-bottom: 1px dotted #666666;
}

/* Footer */

#footer i {
    clear: both;
    height: 150px;
    padding: 20px 0 0 0;
    background: url(images/img03.jpg) repeat-x left bottom;
}

#footer p {
    margin: 0;
    text-align: center;
    font-size: 85%;
}

#footer a {
    border: none;
    color: #CCCCCC;
}

#footer a:hover {
    color: #FFFFFF;
}

#legal {
}

#legal strong {
    display: block;
    padding: 20px 0 0 0;
    background: url(image/img12.gif) no-repeat center top;
    text-transform: lowercase;
    letter-spacing: 3px;
    font-size: 182%;
    font-weight: normal;
}

#links {
}
```

## Apendix 14: Style (CSS)

```
④ style.css
body {
    margin: 0;
    padding: 0;
    background: #FFFFFF url(images/img01.jpg) repeat-x left top;
    font-size: 13px;
    text-align: justify;
    color: #000000;
}

body, th, td, input, textarea, select, option {
    font-family: "Trebuchet MS", "Times New Roman", Arial, Times, serif;
}

h1, h2, h3 {
    text-transform: uppercase;
    font-family: Arial, Helvetica, sans-serif;
    font-weight: normal;
    color: #755333;
}

h1 {
    letter-spacing: -2px;
    font-size: 3em;
}

h2 {
    letter-spacing: -1px;
    font-size: 2em;
}

h3 {
    font-size: 1em;
}

p, ul, ol {
    line-height: 200%;
}

blockquote {
    padding-left: 1em;
}

blockquote p, blockquote ul, blockquote ol {
    line-height: normal;
    font-style: italic;
}

a {
    color: #000000;
}

a:hover {
    color: #000000;
}

hr {
    display: none;
}

/* Header */

#header {
    width: 900px;
    height: 380px;
    margin: 0 auto;
    text-transform: uppercase;
    font-family: Arial, Helvetica, sans-serif;
    background: url(images/img02.jpg) no-repeat left top;
}

#header h1, #header p {
    margin: 0;
    padding: 0;
}

#header h1, #header p {
    margin: 0;
    padding: 0;
}

#header h1 {
    float: left;
    padding: 150px 0 0 420px;
    font-size: 36px;
    text-align: center;
    color: #FFFFFF;
}

#header p {
    float: left;
    padding: 160px 0 0 5px;
    font-size: 12px;
    font-weight: bold;
    color: #F51F97;
}

#header a {
    text-decoration: none;
    color: #F51F97;
}

/* Page */

#page {
    width: 800px;
    margin: 0 auto;
}
```

```

/* Content */

#content {
    float: right;
    width: 530px;
    margin: 0;
    padding: 0;
    background: url(images/img08.jpg) repeat-y left top;
}

#content .bgtop {
    background: url(images/img09.jpg) no-repeat left top;
}

#content .bgbottom {
    background: url(images/img10.jpg) no-repeat left bottom;
}

.post {
    padding: 40px 50px 0px 50px;
}

.title {
    margin: 0;
    padding: 0;
    font-size: 24px;
}

.title h2 {
    margin: 0;
    margin-left: 50px;
    color: #753333;
}

.pagetitle {
}

.byline {
    float: left;
    display: block;
    margin: 0;
    padding: 15px 0 0 0;
    color: #646464;
}

.meta {
    margin: 0;
    padding: 18px 0 30px 0;
    background: url(images/img12.jpg) no-repeat center bottom;
    text-transform: uppercase;
    text-align: right;
    font-family: Arial, Helvetica, sans-serif;
    font-size: 11px;
    color: #646464;
}

.meta .more {
}

.meta .comments {
}

.meta a {
}

.navigation {
}

.alignleft {
    float: left;
}

.alignright {
    float: right;
}

.posts {
    margin: 0;
    padding: 0;
    list-style: none;
    line-height: normal;
}

.posts li {
}

.posts h3 {
    margin: 0;
    font-weight: bold;
}

.posts p {
    margin: 0;
    line-height: normal;
}

.posts a {
}

.entry {
}

.last {
    border: none;
}

/* Sidebar */

```

```

#sidebar {
    float: left;
    width: 230px;
    margin-bottom: 10px;
    background: url(images/img04.jpg) repeat-y left top;
    color: #000000;
}

#sidebar .bgtop {
    background: url(images/img05.jpg) no-repeat left top;
}

#sidebar .bgbtm {
    background: url(images/img06.jpg) no-repeat left bottom;
}

#sidebar ul {
    margin: 0 0 20px;
    padding: 20px 0 20px 0;
    list-style: none;
}

#sidebar li {
}

#sidebar li ul {
    padding: 0px 17px 16px 0px;
}

#sidebar li li {
    border-bottom: 1px dotted #E9E9E9;
    padding: 0 0 10px 0px;
}

#sidebar h2 {
    margin: 0;
    height: 40px;
    background: url(images/img07.jpg) no-repeat left 45%;
    padding: 10px 0px 0px 20px;
    text-transform: uppercase;
    font-family: Arial, Helvetica, sans-serif;
    font-size: 16px;
    color: #753333;
}

#sidebar a {
    color: #000000;
}

#sidebar a:hover {
    text-decoration: none;
}

/* Search */

#search input {
    display: none;
}

#search input#s {
    display: block;
    width: 230px;
    padding: 3px 5px;
    border: 1px solid #5555FF;
    background: #EEEEEE url(images/img05.gif) repeat-x;
}

#search br {
    display: none;
}

/* Calendar */

#calendar {
}

#calendar h2 {
    margin-bottom: 15px;
}

#calendar table {
    width: 80%;
    margin: 0 auto;
    text-align: center;
}

#calendar caption {
    width: 100%;
    text-align: center;
}

#next {
    text-align: right;
}

#prev {
    text-align: left;
}

/* Footer */

#footer {
    clear: both;
    height: 140px;
    background: url(images/img08.jpg) repeat-x left bottom;
    text-align: center;
    font-size: smaller;
    font-family: Arial, Helvetica, sans-serif;
    color: #D52442;
}

#footer p {
    padding-top: 50px;
    text-transform: uppercase;
}

#footer p a {
    color: #F51F47;
}

```