

Proposal for Recipe Organization on Website

Over the past decade, the functionality of websites on smartphones and tablets, have had a wide and successful application. Both of these devices use these websites engineered on the purpose of social media, online shopping, video games, music streaming, and ride-sharing. For the efficient performance of this website, there's the demand for them to stay connected to the internet.

This proposal presents a food recipe for a website to help the user find and view different food recipes based on various categories through interactive web pages. In addition, the user can also add their recipes to the database. The user can filter the list of recipes based on the cooking duration, the ingredients in the recipe, the prep duration, and the number of servings.

Introduction

It is a Recipe Organization Website proposal. This website can access the standalone package from any electronic device. The system helps in organizing the recipes on the website by selecting the course, main ingredients, cuisine, adding tags and giving a star rating. Like - you will select ingredients and then select time, then other options which will be interactive, from all those it will provide a good matching recipe based on that to cook. I feel like it will be a good application to have on smart fridges nowadays

Young tech-savvy professionals who work in the food industry or are part of the food blogging community are the target audience. Thousands of recipes are available on the internet. Many people use it instead of cookbooks; however, keeping track of recipes spread across fifty different websites can be time-consuming and difficult.

Objectives

- a) Determining the design requirements to come up with a prototype for the identified module
- b) Developing an impeccable system to help recipe management in restaurants
- c) Create a website that will make recipe organization easier while also providing a satisfying format and design.

Problem Statement

Some of the problems traced concerning this issue include:

- a) In a typical restaurant, we have different people coming in and ordering different meals. Often, the chef is required to make meals that are not readily available on the menu. The website will come in handy in situations where the chef needs to access the recipes promptly. Moreover, the chef doesn't have to worry about losing their recipes since they are safely stored.
- b) It's hard to recall a new recipe.
- c) Determining Halal food is challenging since the ingredients used have halal issues.

Solution Proposal

This website appears to have a market that has yet to be fully exploited. Food bloggers are a large and growing community, and if this website fills a niche for them, it has a lot of revenue potential. I'm interested in developing this website to serve cooks and a reader of food blogs, and I believe this understanding of the problem gives my team a distinct advantage.

Background

There is a wide range of recipe management website available, with custom applications costing significantly more. In my research, I concluded that a core set of features most websites offered when trying to market their platform is based on functionality, look, or share of the market. The list below shows the essential features.

- Generating lists of grocery
- Adjusting serving quantities
- Advancement of the search
- Email recipes
- Nutrition info
- Technical support
- Type in recipes by hand
- Printing recipes with or the cookbooks
- Cutting and pasting from web

While there are numerous recipe organization websites on the market, I could not locate the one that was engineered explicitly for food bloggers. Instead, they are majorly aimed at the average home cooks who wants to integrate a family recipe collection.

Technology Stack

System Description

A standalone system or a client-server protocol-based system are the two modes of website operation. The system will necessitate a website using a MySQL database, with a main focus on PHP, JS, HTML, SQL, and CSS to come up with interactive web pages. The database and web server will run on a single machine in the standalone system, and they can be accessed directly or via the web interface. Users who do not want to use their servers can access the central database through a company-owned web server in a client-server system.

Challenges

Time constraints will be the most challenging aspect of this project and due to the nature of the contract, there is no delivery date margin. Furthermore, this means that it's critical to clearly define the website's core functions and treat additional features as optional extras if the project runs ahead of schedule. The challenge for this project will be managing a tight schedule and feature creep while producing a unique product of uncompromising quality. By doing that successfully, the recipe website market will gain an exciting and profitable addition.

Conclusion

The overall outcome of the website for this project, will be a visually appealing, adaptable, and simple-to-use Recipe Organization Website aimed at food bloggers and their followers. The intricacy of this website will allow for an easy flow in navigation and will engage the users with videos and relevant recipes. Bloggers can amass followers and update their lists easily. The simpler website layout also will make the website easier to load hence being user friendly.