



E-Assistant for Your Food Services in Pandemic

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E-Assistant for your food services in Pandemic

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Abstract: In today's digital world, the use of internet forums and applications has grown to an almost universal level in almost every activity related to our health. Many people now rely on various desktop applications and other e-assistants (such as google assistant, Siri, hound, almond) for their daily activities. In a similar vein, this research paper proposes an e-helper that meets all of human nutrition-related needs. It offers all the resources from finding ingredients, preparing and cooking recipes to finding a restaurant near your food delivery options. this e-food helper works well even in situations such as the covid epidemic where all other delivery facilities are not available, one can easily cook a restaurant as food with its help. This recipe app works on consumer desktop as a collaborative desktop app. The proposed program uses real-time indicators of food ingredients, and recommends recipes related to known food ingredients. Thanks to visual recognition, by simply pointing the camera built into the desktop in the ingredients, the user can cook the related instant.

The purpose of this proposed program is to help cooks decide on a recipe for groceries or kitchens. In the current application, the system can detect multiple types of food ingredient in 0.15 seconds, and in this application we can make any recipe according to the person's number and we can also say that it will give the result according to the person's cooking number. any recipe. Online food recipes are an important source of information for many individuals, who use these to learn how to cook new dishes and choose their meals. The project has been implemented using JAVA SCRIPT , HTML , CSS and some uses of API

Keywords

Online Food recipe , recipe ingredients , quantity of the ingredients changes according to the servers , recipe display with the image ,add new recipe , bookmarks

1. Introduction

E-Assistant for your food guide application is a very useful app for people who love to cook and try out new recipes. E-Assistant for your food guide application provides user flexibility to search, share, save recipes from cloud with an additional capability to maintain personal cookbook for creating new recipe, deleting recipe that are no longer required.

My application “E-Assistant for your food guide/delivery” makes finding recipes easy. Recipes are from everyday cooks and chefs that have perfected the recipe over time. Food2Fork API are used for searching recipes from cloud. Recipes range from the decadent to the simple for whatever mood user are in. With recipes being added daily in Food2Fork database there will always be something new for user to try. Recipes are from well-known publishers All Recipes, Closet Cooking and many more. E-Assistant for your food guide Application provides capability to user to search top rated, trending recipes. Recipes are displayed with recipe image, title, ingredients list and cooking directions. Category based and ingredients based search is also provided to user. This application is a time saver providing recipes in few clicks. The user is given choice to create personal cookbook, where user can create recipe, view recipe and delete recipe. The interface is clean and simple. It makes use of pc button capability to display options on home screen with image icons. The user can search recipes, view added favorite recipe list and access personal cookbook all from home

Tools and technology we uses in this project is html , sass and java script and we also use the api and I have run the program on visual studio code and we use the parcel package , dist and node_modules

2. Literature Survey

Many studies have proposed food recipe web pages using various approaches and constraints. To build an appropriate web pages, we need to examine which approach and constraints suitable for our needs. Unfortunately, we have found literature survey that specifically discusses on the food recipes web development based on the approaches and constraints. To achieve our needs, we did a literature survey from three digital libraries, ACM Digital Library, IEEE, and Springers. We collected, selected, and classified the selected papers using four criteria, *expressiveness*,

privacy-preserving, *architecture*, and *approach*. Through this classification, we expect an overview of E-Assistant for your Food Guide/Delivery has been built. As a result, we found out that there are significant constraints such as time saver, priorities, location, and and its will give you result within a second. Privacy-preserving is considered by some studies.

Food quality is an important determinant of dinner satisfaction in restaurants (Nmakung and Jang 2008). People often go to restaurants for food during their leisure time and quality is always a key factor in this. Food quality is a predictor of food safety (Rijswijk and Frewer, 2008). It is very common for people to want to know everything about them that is what they are eating what they are eating what they are hearing.

Exposure to personal risk of disease is a major predictor of food safety (Bennett and Murphy, 1999). People are always trying to protect themselves from getting diseases and as a result they are taking precautionary measures. When a person is responsible for your healthy eating this means the introduction of food safety (Unklesbury, Sneed, & Toma, 1998). All consumption starts with you, from home, for personal purposes, so when it comes to food safety one is always careful to get healthy food. The level of satisfaction with food security may influence individual behavior (Yeung and Morris, 2001). Bruhn (1997) argued that food security was undermined. Food safety risk is a framework for ethical decision-making

3. Proposed application model

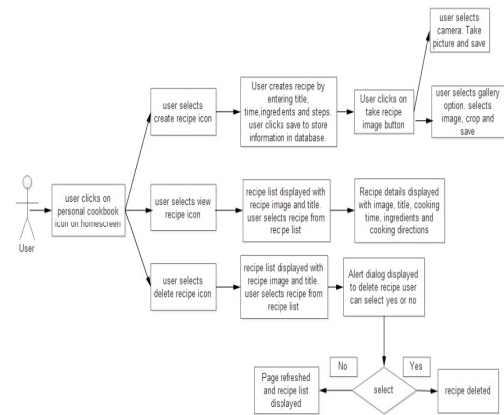


Figure 1: User flow diagram of the proposed system

3.1 Home Page

When user opens E-ASSISTANT FOR YOUR FOOD GUIDE/DELIVERY application, application home page as shown in Figure is displayed. User can perform any available option from application home page. The user can search recipes by clicking on categories, search image button. User can view recipes added as favorite by clicking on image button with star on home screen. User can also manage cookbook by creating new recipe.

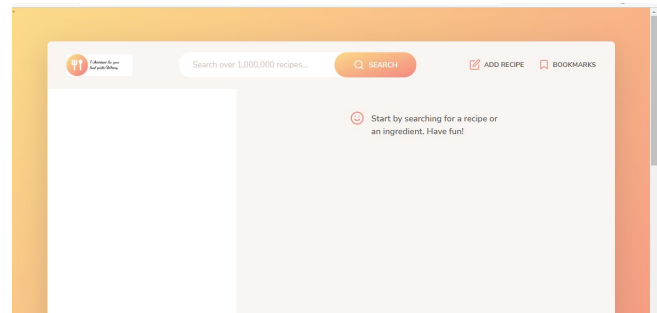


Figure4:home page

3.2 Search Recipe

E-Assistant for your food guide/delivery application provides searching capability to user from cloud. Food2ForK API are consumed for searching recipes from internet. These API provides recipe title, recipe image, recipe social rating, publisher's name and publisher webpage link in JSON format. In this application a class is created with name ServiceHandler.java. This class has a method which will make http request to get JSON data from Food2Fork API

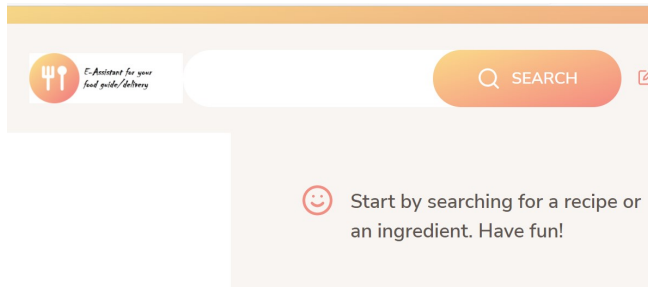


Figure 3: Search Recipe Module

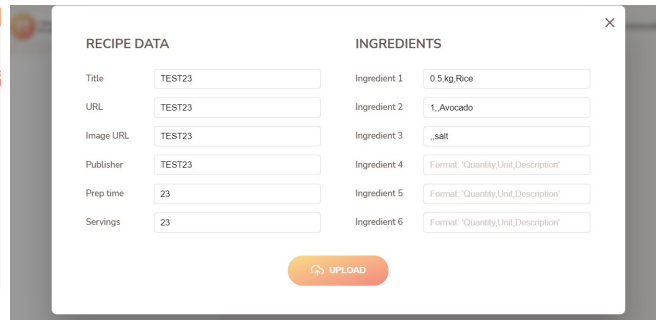


Figure 5: create recipe modules

3.3 Save Recipe as Favorite

E-Assistant for your food guide/delivery application allows user to save recipe as favorite. When user performs search operation, result is list of recipes. Each recipe in list has favorite button on it. User can add recipe by clicking on favorite button. Shown in Figure is add to favorite button.

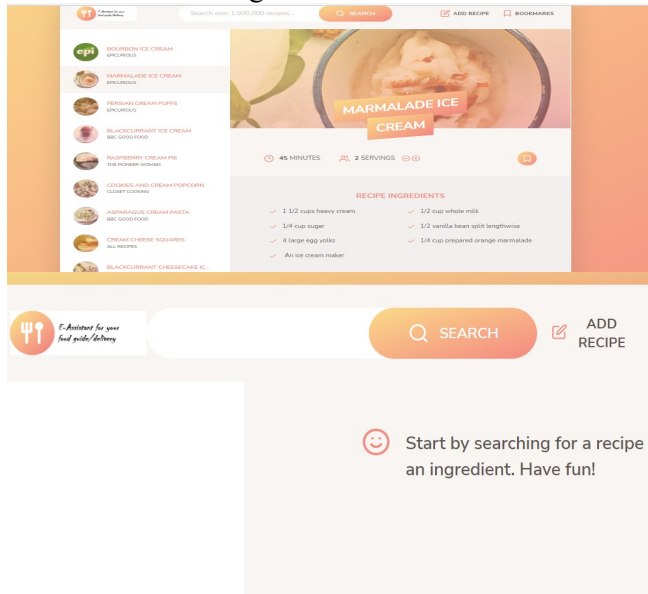


Figure 4: Favorite recipe Module

3.4 Create Recipe

E-Assistant for your food guide/delivery application allows user to create recipe by providing recipe title, cooking time, ingredient, image and cooking steps. User can enter recipe title and cooking steps in template provided. desktop Spinner class is used for implementing cooking time

3. RESULTS & DISCUSSION

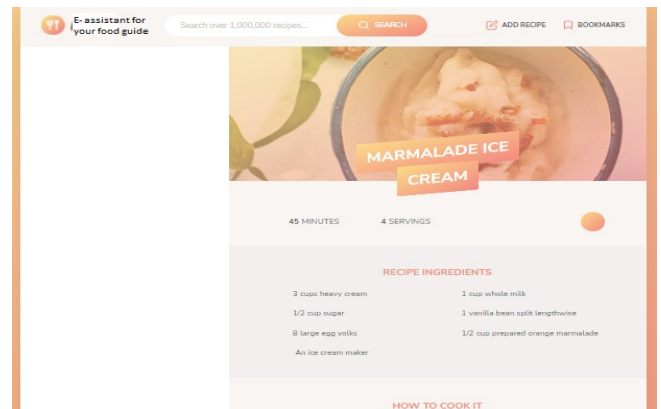
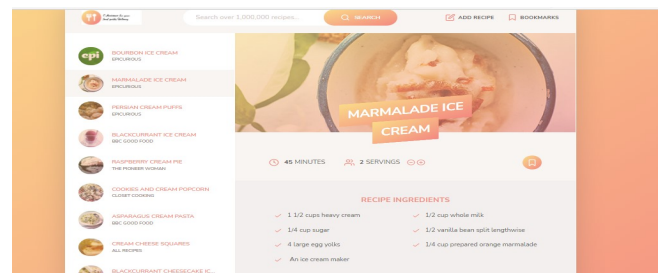


Figure 6: Recipe result

We find that when we change the number of servers so the gradients is also increase and decreases according to the server . In the E-Assistant for your food guide/delivery we conclude that the recipe ingredients is also change when we change the number of server .It also show in the figure



5. Conclusion and Future scope

a) CONCLUSION

This app is very useful and helpful in cooking various recipes with a little search effort from the internet. An online recipe may be appealing to

some but not to others, some people like to check out and try out their recipe. This app gives the user the ability to create a recipe and save it for later use. It will help people save their time and energy in finding recipes for daily work and special events. And since this is a desktop application, users have the luxury of checking out recipes wherever they are and storing them later. The application can be used by a broad range of users which may include parents trying to cook new recipe for kids, people who are fond of desserts, restaurants owner trying to add new item to their menu and for regular cooking. It will help to make the lives of people simpler

This study suggests that the food safety which is a mediator can make a weak or strong relationship between quality of food and customer's satisfaction. Customer's satisfaction level depends on food quality and safety so I make a e-assistant for food service you can make any type of food by yourself and you can protect from themselves

Future scope

This application provides easy interface for user to search recipe from cloud, create your own recipe and share recipe. The Food2Fork API is used for implementation and cooking resources are limited. This application can be expanded in many different ways. The application can be extended to provide recipe from more other sources by integration other API like . Application has add to favorite and sharing capability for cloud recipes. The application can also be extended to include sharing capability for user created recipes in cookbook And in this application I have also added the feature of delivery and this application is good and different from the other. With regard to recipe recommendations, it is clear that we will use the recipe search by considering the combination of many ingredients, nutrition and budget

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