OmniFood

MINI PROJECT – II

SYNOPSIS

Department of Computer Science & Application

Institute of Engineering & Technology

SUBMITTED TO: -   SUBMITTED BY: -

Ms. Gurpreet Kaur   Abhi Gupta (201500009)

(Technical Trainer)   Aprajit Srivastava(201500137)

                                                  Yash Mittal (201500821)

                                                  Nikhil Singh (201500439)

<u>Acknowledgment</u>

It gives us great pleasure to present the synopsis of the B.Tech mini-project undertaken during B. Tech III Year. This project is going to be an acknowledgment to the inspiration, drive, and technical assistance that will be contributed to it by many individuals. We owe a special debt of gratitude to Ms. Gurpreet Kaur, Technical Trainer, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for her constant support and guidance to our work.

Her sincerity, thoroughness, and perseverance have been a constant source of inspiration for us. We believe that she will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies. We also do not like miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation.

Abhi Gupta (201500009)

Aprajit Srivastava(201500137)

Yash Mittal (201500821)

Nikhil Singh (201500439)

ABSTRACT

Our project Omnifood is a digital platform designed to assist users in creating delicious meals in the comfort of their own homes. This app offers a user-friendly interface that allows users to browse a vast selection of recipes, including appetizers, main courses, desserts, and drinks. With an extensive library of recipes, users can easily search for their desired meal based on their preferences, dietary restrictions, and ingredients available. The project also provides step-by-step instructions with pictures and videos to guide users through the cooking process. With features like shopping lists, meal planning, and recipe sharing, the Recipe Maker App is an essential tool for anyone looking to enhance their cooking skills and create restaurant-quality meals at home.

<u>Contents</u>

<u>INTRODUCTION</u>

In recent years, there has been a surge in the popularity of cooking and home cooking. Many people are opting to cook their meals instead of ordering takeout or dining out. With this trend, recipe apps have become increasingly popular, providing users with access to a wide range of recipes, tips, and tricks to create delicious meals at home.

It is a digital platform designed to assist users in creating meals by offering them access to a vast selection of recipes, cooking techniques, and meal planning tools. These apps are typically available for download on smartphones, tablets, and computers, making it easy for users to access their recipes at any time and from anywhere.

The benefits of using a recipe app are numerous. Firstly, it allows users to access a variety of recipes, ranging from traditional to international cuisines, and from simple to more complex dishes. Secondly, it provides step-by-step instructions, photos, and videos to guide users through the cooking process, making it easy for even novice cooks to create delicious meals. Thirdly, it can help users plan their meals, create shopping lists, and manage their pantry, making it easier to stay organized and save time.

.

SOFTWARE AND HARDWARE REQUIREMENTS

- VS Code (Pre-installed Live Server, EJS)
- Browser (DOM)
- HTML,SASS ,JavaScript
- API Fetching(Forkify)
- MVC Controller
- Window 10

  **No Hardware Requirements

PROJECT DESCRIPTION

Omnifood is a web application designed to help users find, create, and save their favorite recipes. The app will provide a user-friendly interface that will allow users to search for recipes based on specific ingredients, cuisine type, cooking time, and dietary restrictions.

The app will have the following features:

Recipe Search: Users can search for recipes based on specific ingredients, cuisine type, cooking time, and dietary restrictions. The app will display the search results in a list format, with a thumbnail image, recipe name, and cook time.

Recipe Creation: Users can create their own recipes by entering the ingredients, measurements, and cooking instructions. The app will provide a preview of the recipe and allow users to save it to their personal collection.

Grocery List: The app will automatically generate a grocery list based on the ingredients needed for the selected recipe. Users can check off items as they purchase them and save the list for future use.

Cooking Timer: The app will include a cooking timer to help users keep track of their cooking time. Users can set the timer for each recipe and receive notifications when the cooking time is complete.

Recipe Reviews: Users can rate and review recipes they have tried. The app will display the average rating for each recipe and allow users to read reviews from other users.

WORKING

The Omnifood app is a tool that helps users create and manage their own recipes. Here's how it generally works:Users create a new recipe by entering its name, a list of ingredients, and step-by-step instructions on how to prepare the dish.
Users can also search for recipes created by others and save them to their account, or they can browse through categories such as cuisine type, dietary restrictions, and meal type.The app may also offer suggestions for ingredient substitutions or offer nutritional information for each recipe.When a user is ready to cook a recipe, they can access it from their account and follow the step-by-step instructions provided. The app may also include a timer or cooking tips to help the user along the way.Finally, once the user has cooked the dish, they can leave a rating or review of the recipe to help other users decide whether or not to try it.
That's a general overview of how the Recipe Maker app works. Let me know if you have any more specific questions.

Websites:

- www.w3schools.com
- developer.mozilla.org/en-US/
- //fonts.google.com/
- //colorhunt.co

Faculty Guidelines:

Ms. Gurpreet Kaur (Technical Trainer at GLA University)

GitHub Repository link:

yashmittal github repo

abhi gupta repo

aprajit repo

Nikhil singh repo