

# GLA UNIVERSITY

Department of Computer Science & Application

Institute of Engineering & Technology



Full Stack Project Synopsis

**Amazed With Cuisines—A Recipe Blog**

Submitted by:

University Roll no

Submitted to:

Ayush Sharma

201500183

Mr. Akash Kumar Chaudhary

Muskan Sharma

201500420

(Technical Trainer)

Aryan Reddy

201500156

# DECLARATION

We here by declare that this Full Stack Project is an original work submitted by the following group members who all have actively made a contribution. Any other work of a similar nature has been appropriately referenced in this project synopsis.

PROGRAMME: Bachelors of Technology  
BRANCH: Computer Science  
MODULE: Full Stack using Node JS  
PROJECT: Amazed with Cuisines (A recipe blog)  
MENTOR: Mr. Akash Kumar Chaudhary  
DATE of SUBMISSION: 22/02/2023

## PROJECT GROUP MEMBERS:

Name	University Roll No.
Ayush Sharma	201500183
Muskan Sharma	201500420
Aryan Reddy	201500156

# ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the synopsis of the Full Stack project undertaken during B. Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed by us. We owe special debt of gratitude to our project mentor Mr. Akash Kumar Choudhary, 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 his constant support and guidance to our project work.

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

Ayush Sharma      (201500183)

Muskan Sharma    (201500420)

Aryan Reddy        (201500156)

# INDEX

S. No.	Topic
1.	Introduction
2.	Objective and Reasons
3.	Hardware & Software Requirements
4.	Front-End & Back-End
5.	Technology & Module Description
6.	Features
7.	Scope of the Project
8.	Data Flow Diagrams (DFDs)
9.	Conclusion
10.	References

# INTRODUCTION

As we all love to eat different cuisines. Now a days people also are taking interest in making different food items. Therefore, we have tried our best to make a website “Amazed with Cuisines-A recipe blog” as per people convenience and according to different tastes around the geographical region.

The Recipe Blog Project is a Web application that allows users to search for their favourite dishes according to their taste, geographical areas as all type of raw food material is not available everywhere so they can make the dishes they want to have. Also, they can save these recipes for further use and can share these with their friends and family. We also have given option ‘submit’ so that people can share their recipes with us. So that all the people can enjoy unique dishes. The Web application is built using different languages and technologies like HTML, CSS, and JavaScript on the front-end, and Node.js and MongoDB on the back-end. For the submission of the recipes we have used database so that the admin can see what new recipe is submitted and by whom.

People also can share their views on the recipe.

## OBJECTIVE & REASONS

The main objective of this project is to learn how people can make their favourite dishes by their own which makes them self-dependent as maximum people of this era are staying away from their home because of their job professions so they should know how to prepare food for their late-nights cravings. Also when people move to different cities and countries and they don't know what food they can make according to the availability of whatever raw food material they have in that particular geographical region.

### PRIMARY REASON:

The primary reason behind the idea for this project was that we want to make something unique from others as well we are quite interested in making new dishes and love to share and enjoy them with family & friends.

### SECONDARY REASON:

We all know that all over the globe people are making their own different kinds of blogs like travelling blog, food blog, etc. and once their blog reach maximum number of views and likes the travelling and food agencies invite them to take feedbacks from people who visited these agencies and pay the bloggers for that.

From last 5-6 years food blog has reached at the first position in the international market. Therefore, we are trying to make an effort in this field.

# SOFTWARE & HARDWARE REQUIREMENTS

- HTML, CSS
- JavaScript
- Mongo DB
- Node JS
- Ethernet Adapter
- 4 GB RAM
- Windows 10/ 11
- Visual Studio Code

## FRONT-END & BACK-END

### FRONT-END:

The front-end of the application provides a user interface that allows users to search for recipes based on keywords, ingredients, or dietary restrictions. Users can also create an account to save their favourite recipes and share them with others. The front-end is built using HTML, CSS, and JavaScript, and it communicates with the back-end using a RESTful API.

### BACK-END:

The back-end of the application is built using Node.js and MongoDB. The Node.js server handles incoming requests from the front-end, processes the requests, and retrieves data from the MongoDB database. The MongoDB database stores recipe data, user information, and other relevant data for the application.

The front-end of the Recipe Blog project is responsible for providing a user interface that allows users to search for, save, and share recipes. It is built using HTML, CSS, and JavaScript and is designed to be responsive and accessible on a variety of devices.

# MODULE DESCRIPTION & TECHNOLOGY

The Recipe Blog Project is a Web application that allows users to search, save and share recipes world-wide. The Web application is built using different languages and technologies like HTML, CSS, and JavaScript on the front-end, and Node.js and MongoDB on the back-end.

The front-end of the Recipe Blog project is built using HTML, CSS, and JavaScript. The user interface is designed to be responsive and accessible on a variety of devices, including desktops, laptops, tablets, and mobile devices.

The front-end communicates with the back-end of the application using a RESTful API. This API allows the front-end to send requests to the back-end and receive responses in a standardized format.

The back-end of the Recipe Blog project is responsible for handling incoming requests from the front-end, processing the requests, and retrieving data from the MongoDB database. It is built using Node.js and MongoDB.

## FEATURES

The front-end of the Recipe Blog project includes the following features:

**Recipe Search:** Users can search for recipes based on keywords, ingredients, or dietary restrictions. The search results are displayed in a list format, with images, titles, and descriptions.

**Recipe Details:** Users can click on a recipe from the search results to view more details about the recipe, including ingredients, preparation steps, and nutritional information.

**User Accounts:** Users can create accounts to save their favourite recipes and share them with others. User accounts also allow users to view and manage their saved recipes.



**Recipe Sharing:** Users can share recipes via email or social media, or they can copy a link to the recipe to share it directly.

## **SCOPE OF THE PROJECT**

Over time, food & recipe blogging has become a competitive market and many blogs are run like businesses, emphasizing on gaining followers. There is nothing wrong with it, especially if we want to turn our passion into career option. Blogging comes with its own perks. Once our blog grows, you start receiving invitations from restaurants or top hotels for food tastings and posting about them in our own way for which we get paid. We get to work with new brands, communicate with new people and work on new campaigns. Unlike a desk job, blogging lets us work on new projects and discover more avenues very often. The digital world that we live in allows a massive scope of making money through the blog. Once we're able to build a substantial following, we'll be able to use our blog to promote and advertise products and make money. Food & recipe blogging can be our ticket to scaling new heights, as long as we are committed to blogging even when we feel like no one is interested.

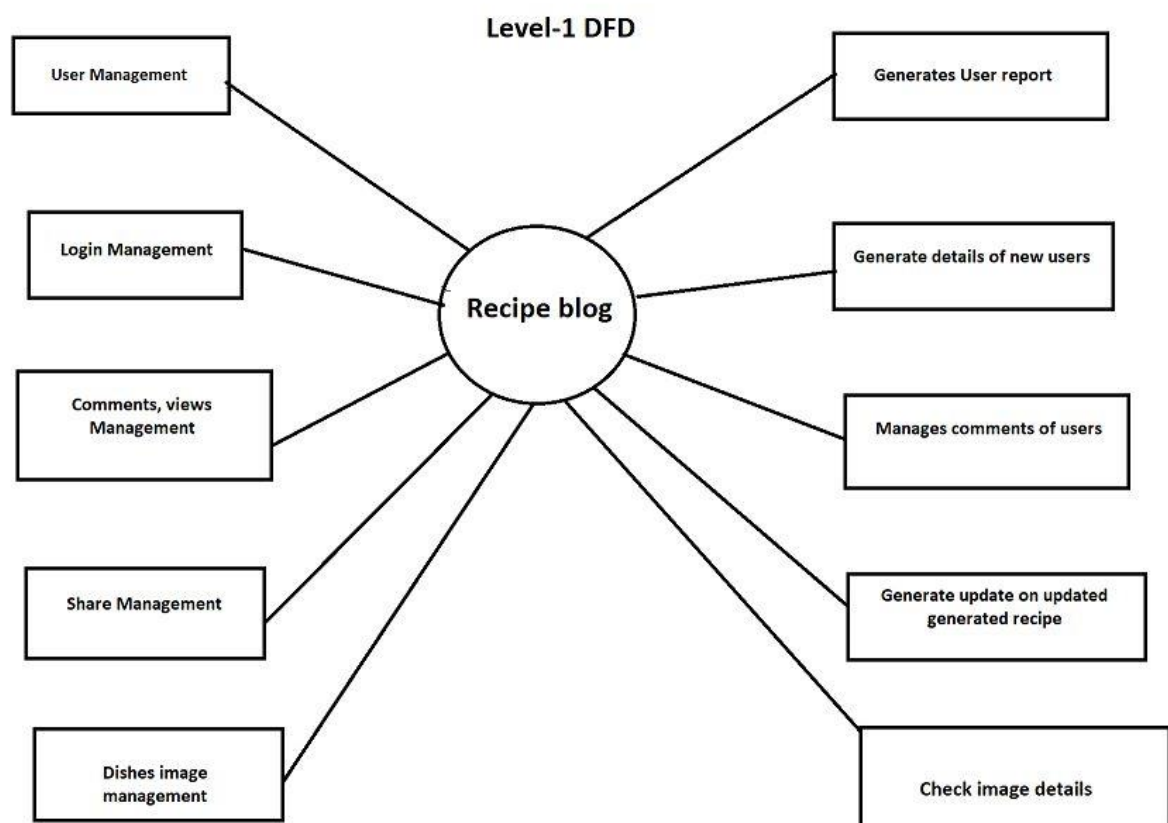
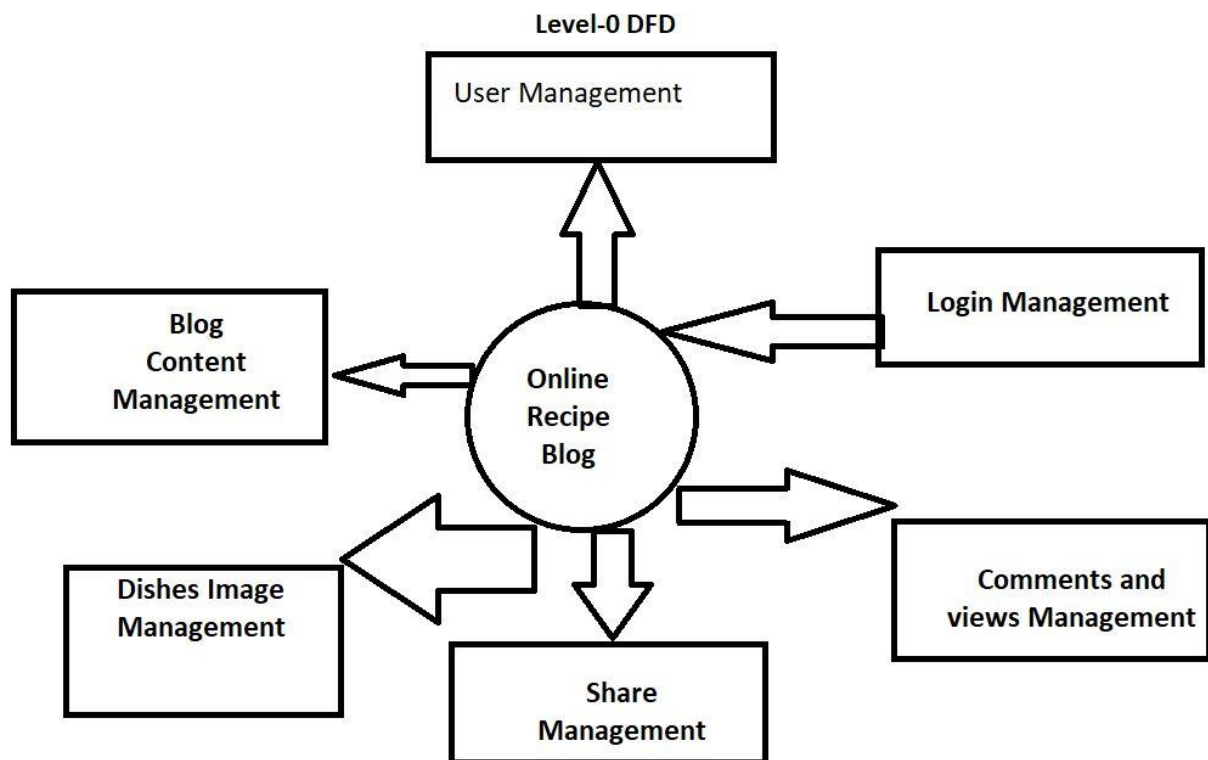
## **DATA FLOW DIAGRAM (DFD)**

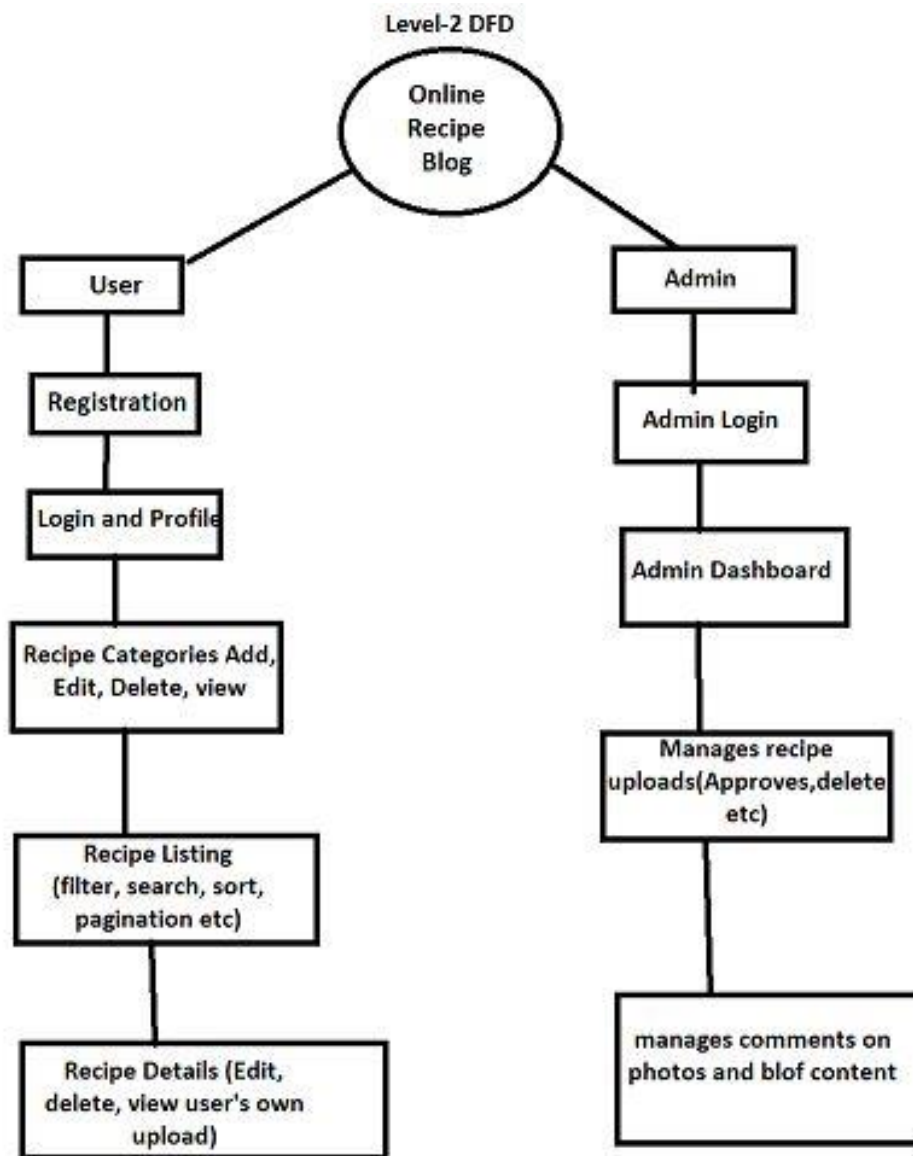
Here is a high-level Data Flow Diagram (DFD) that illustrates how data flows through the Recipe Blog project:

In this DFD, there are three main components: the user, the web application, and the MongoDB database.

The user provides input to the web application, which processes the input and performs either a recipe search or a retrieval of saved recipes. The web application queries the MongoDB database for the relevant information, and the database

Returns the results to the application. The web application then displays the results to the user.





The Data Flow Diagram (DFD) for the Recipe Blog project provides a high-level overview of how data flows through the system. Here is a breakdown of each component in the DFD:

**User:** The user provides input to the web application, which is then processed by the front-end.

**Web Application:** The front-end of the application receives input from the user and sends requests to the back-end using a RESTful API.

**MongoDB:** The back-end of the application queries the MongoDB database for recipe data, user information, and other relevant data.

**Recipe Data:** Recipe data is stored in the MongoDB database and is retrieved by the back-end in response to requests from the front-end.

## CONCLUSION

The Recipe Blog project is a comprehensive web application that provides users with a platform to search for, save, and share recipes. It is built using HTML, CSS, JavaScript, Node.js, and MongoDB, and it uses a RESTful API to communicate between the front-end and back-end components. The Data Flow Diagram illustrates how data flows through the system, from the user input to the display of results, and highlights the role of each component in the process.

## REFERENCES

- Github Repository: <https://github.com/AyushSharma3566/Full-Stack-Project.git>
- W3Schools: <https://www.w3schools.com/nodejs/>
- W3Schools: <https://www.w3schools.com/mongodb/>