A Mini Project Synopsis on

FOOD DIARY

Sharing recipes…

S.E. - I.T Engineering

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CERTIFICATE

This to certify that the Mini Project report on Food Diary has been submitted by <u>Amir Madoo (20104013)</u>, <u>Darpan Mhatre (20104019)</u>, <u>Madhu Gage (20104037)</u> and <u>Manashree Chavan(20104028)</u> who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in Information Technology, during the academic year 2021-2022 in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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Introduction

Food Diary is a very useful app for people who love to cook and try out new recipes. The app ensures that our users can save their recipes and get free from the hesitation of forgetting recipes or mixing them up and allows the user to experiment with other user's dishes. Food Diary makes finding recipes easy by helping you to save your own recipe & also view other user's recipes, thus providing a user-friendly experience. People find it hard to get new inspiration and are often left clueless on what to cook. There are certain that were left behind in the past due to change in times, age of modernity and digitalization many age-old dishes were left simply forgotten. The application is a complete dynamic system that could showcase the lost traditional recipes of India to International cuisine and provides a platform to user to share their recipes.

1.1 Purpose:

The purpose of our application is to help people enjoy cooking and provide them a relief from forgetting or messing up recipes at important occasions. Our objective is also to save trees by limiting the use of diaries, notebooks, papers etc. the application has a variety of functionalities including sharing, viewing, adding recipes. It's basically an open-source kitchen for people who love cooking; the application is user friendly and provides variety of dishes shared by professionals as well as beginners.

Food Diary can help a lot of people struggling to try new recipes, as using our app now they can compare with other users and bring up their recipes easily.

1.2 Scope

Our application is useful in many aspects. The application is designed so simple to use that it can be used by anyone. It's basically a kind of recipe saving application; hence it can be highly useful for the following:

1. Common People: The application can be used by common people just for saving recipes in their laptops, and getting rid of losing them or forgetting them.

2. Students in Hotel Management: Students in hotel management going for cook, chef can use this application for the sake of having their important recipes all at one place.

3. Parents: To get quick lunch box ideas for their children and husbands going on school and work.

4. Hotel Business Owners: To invent new recipes and add them in their hotel menu.

And also, at many more places one can also view the recipes shared by others on the platform to get an idea to improve their recipe or create a totally new one.

1.3 Objectives

Our application is a digital open source wherein a numerous amount of users can share recipes with each other. Our fundamental view is to get people rid of notebooks, diaries and papers, henceforth providing them a private digital diary to help them write and add recipes, whilst saving trees. On an important notice we also have given the option wherein you can see the recipe owners email id, so that you can further contact them for any doubts or so.

Our one of the prime objective is also to help people out of ideas on occasions to get instant recipes with ingredients and procedure. Our application is like a food library wherein we allow users to enjoy cooking, learn cooking, or master cooking whilst allowing them to compare their recipes with other users.

Chapter 2

Problem Definition

We all have those times when we don't know what we could make for ourselves to eat from what we have available with us. Even if we do, we may not know about a new recipe that can be made from the same ingredients or an old recipe that can be made in a different way. And if we invent a new recipe, we write it down in a Dairy or a notebook and if the notebook is lost, we are done. Today there are innumerable applications that provide consumers with recipes ranging from quick to healthy and from beginner to expert; all intending to save time. But, none of these applications take into account whether there are recipes to add by the consumer. These applications fail to provide a platform for the user to add their invention of recipes, thus considering the mentioned point we have designed an application that allows the user to find and view different food recipes based on their requirements. In addition, the user can add, edit or update his or her own recipes to the database.

Chapter 3

Proposed System:

The aim of proposed system is to help the users find and view different food recipes as well as allowing them to add their own recipes to the database. The app aspires to run efficiently, while having an intuitive a simple design that provides the user all the necessary functionalities.

3.2 Features and Functionality:

Modules

1. Register Module: Used for managing the details of the user for the first time
2. Login Module: Used for managing the login details
3. Add Recipe Module: Used for managing the recipes added by user
4. Edit Recipe Module: Used for editing the recipes added by the user
5. Search Module: Used for managing the searched recipes
6. Logout Module: Used for managing logout details

Features of the Food Diary applications:

1. Takes details from the user while registration for avoiding data errors
2. Provides a login option for using the application many times
3. User can add as many recipes they want
4. User can edit or update the recipe whenever they want
5. Search option helps to get the required recipes
6. User can view the recipes added by any other user

Chapter 4

Project Outcome:

1. User has to register for the first time for managing the recipes.

2. User then can login after registration at any time of his/her choice.

3. User can add recipes of his/her choice.

4. User can also edit recipes.

5. Search option will display the availability of recipe on mention of the recipe name.

6. Users will also be able to view other users' recipe.

7. Food Diary shows a detailed description of recipes as well.

8. Food Diary will display every recipe with its ingredients, as well as the procedure/method required to make the dish.

9. It holds the record of last updated and edited recipe to increase the efficacy of the web app.

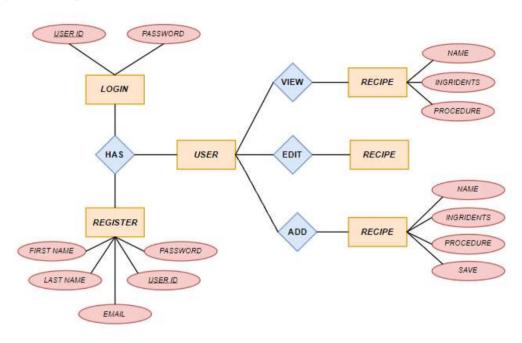10. Lastly, logout option is available for user to exit.

Chapter 5

Software Requirements:

1.   Front End: Java
2.   Back End: MYSQL
3.   IDE: NetBeans
4.   Operating System: Windows11
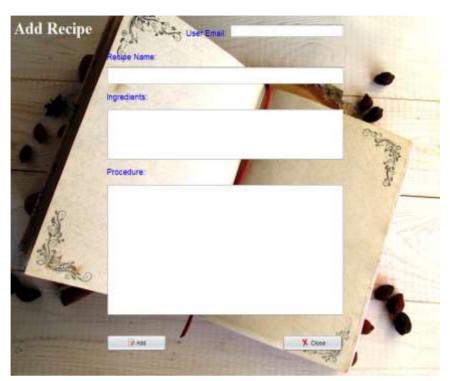
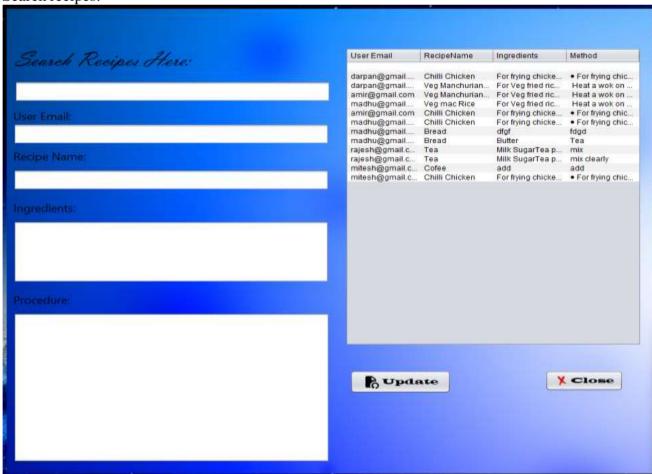# Chapter 6

Project Design:

Login:

Register:

Home page:

Add recipes:

Search recipes:

Feedback:

Logout

Chapter 7

Project Scheduling Template

SR. NO.	Group Member	Time Duration	Work Done
1	Amir Madoo	3rd week of September	Designing the Login page, Registration page and the home page includes add, recipe, Edit and search.
2	Darpan Mhatre	4th week of September	Designing the database and linking for Registration and implementing the logout/exit button on each page
	Amir and Darpan	3rd week of October	Testing the linking of database to Registration and the add recipe section
3	Madhu Gage	4th week of October	Designing the search section to find different recipes in the database and updating
4	Manashree Chavan	1st week of November	Designing the Display page to display the recipes after searching
	Manashree and Madhu	2nd week of November	Testing the search section and displaying the recipe from the search

Chapter 8

Conclusion:

Food Diary- is completely free and easy to use software. It provides users with tons of recipes to browse through by other users on the platform and ease of search options. Our main objective was to bring people of same interest on the platform to share their recipe since in today's world people are greatly drawn to the idea of cooking meals from the comfort of their homes.

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At the end it is concluded that we have made effort on following points…

1. A description of the background and context of the project and its relation to work already done in the area.

2. Made statement of the aims and objectives of the project.

3. The description of Purpose, Scope, and applicability.

4. We define the problem on which we are working in the project.

5. We describe the requirement Specifications of the system and the actions that can be done on these things.

6. We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.

7. We included features and operations in detail, including screen layouts.

8. We designed user interface and security issues related to system.

9. Finally, the system is implemented and tested according to test cases.

References

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2. https://github.com/KamaleshSah/Bus-Managment-Application
3. https://www.youtube.com/watch?v=xTKrS24et5c
4. https://youtu.be/ARsLU5Tatw0
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