

# **RECETARIO**

A PROJECT REPORT  
submitted by

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**KTE18MCA026**

**to**  
the APJ Abdul Kalam Technological University  
in partial fulfillment of the requirements for the award of the degree  
**of**  
**Master of Computer Applications**



**Department of Computer Applications**  
**RAJIV GANDHI INSTITUTE OF TECHNOLOGY**  
**(Government Engineering College)**  
**KOTTAYAM - 686 501, KERALA**

## **DECLARATION**

I undersigned hereby declare that the project report "RECETARIO" , submitted for partial fulfillment of the requirements for the award of degree of Master of Computer Applications of the APJ Abdul Kalam Technological University, Kerala is a bonafide work done by me under supervision of Ramya manmadhan. This submission represents my ideas in my own words and where ideas or words of others have been included, I have adequately and accurately cited and referenced the original sources. I also declare that I have adhered to ethics of academic honesty and integrity and have not misrepresented or fabricated any data or idea or fact or source in my submission. I understand that any violation of the above will be a cause for disciplinary action by the institute and/or the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been obtained. This report has not been previously formed the basis for the award of any degree, diploma or similar title of any other University.

PAMPADY

July 1, 2021

DONLINE JOY

DEPARTMENT OF COMPUTER APPLICATIONS  
RAJIV GANDHI INSTITUTE OF TECHNOLOGY  
KOTTAYAM



**CERTIFICATE**

This is to certify that the report entitled '**RECEITARIO**' submitted by '**Mr.DONLINE JOY**' to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of **Master of Computer Applications** is a bonafide record of the project work carried out by him under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

External Supervisor

External Examiner

HEAD OF THE DEPARTMENT



IT RESEARCH AND DEVELOPMENT DIVISION

Date: 04.06.2021

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr.DONLINE JOY**, Reg No: **KTE18MCA026**, M.C.A 6<sup>th</sup> Semester, student of Rajiv Gandhi Institute Of Technology Kottayam has done his project in our Research & Development Division from March 2021 to June 2021. During the training period he did the project on the topic "**RECETARIO**" under the guidance of Ms.Nimitha K.N, the Technical expert, towards the partial fulfillment of Master of Computer Application.

During the project training period he has been found sincere and hardworking. We wish him all success in his future endeavors.

Regards,

A handwritten signature in black ink, appearing to read "Nimitha K N". To the left of the signature is a small, handwritten date: "4/6/21".

Nimitha K N



## **ACKNOWLEDGEMENT**

I wish to thank the multitude of people who have helped me during the course of the MCA.

First of all, I thank God almighty for His grace and blessings for without his unforeseen guidance this would have remained in dreams.

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Gratitude may be extended to my parents and friends who supported us for the project.

## **ABSTRACT**

Recetario is a food recipe management system to display recipes in a wide variety of Categories. It is also allow user to post their favourite recipes,rate recipes, add comment and participate different events that conducted by admin related by the topic. Public can also view and add comments and also can participate the events that conducted with certain charges. Admin has a facility to translate a recipe from user into many languages by using machine learning. The present system is all about manually displaying or publishing the cookie recipes. If they want to know about any new items then they used to search books,articles,newspaper and ask others. As these will be manually and people use to face difficultly in sharing their information. The proposed one the solution for common people, business and hotels also. The Cooking Recipe Management System is the website will be hosted in internet. So a user or visitor can visit the website check for the recipes and search for the recipes and even he can add recipes to the websites also. This project using Python with Mysql as database.

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# **CHAPTER 1**

## **INTRODUCTION**

### **1.1 Need for the Project**

This project focused on creating a website to perform food recipe management system in a better manner with minimal manual work. Which provide a facility to a user or visitor can visit the website check for the recipes and search for the recipes and even he can add recipes to the websites also. Because existing system is all about manually displaying or publishing the cookie recipes. If they want to know about any new items then they used to search books, articles, newspaper and ask others. As these will be manually and people use to face difficultly in sharing their information.

### **1.2 Outline of the Report**

Details of proposed system is provided in chapter 2. Hardware and software specifications for both development and implementations are detailed. Module description and data flow diagrams are described in chapter 3. Chapter 4 includes the database design and form design. Also, the screenshots of form are given in chapter 4. Various types of tests and implementation details are detailed. The future scope and conclusions are summarized in chapter 5.

### **1.3 Motivation**

Cooking is the most talented one where every one cannot do it. for some of them cooking is hobbies and for some of the it is time pass.Preparing new items are experimental one only few them exist in the previous time. but now every one was trying in preparing new items irrespective of region and country. And for all kinds of people above need to do manually work to know about the preparation of new food items and to people who want to try new items and also who want to taste different items.So from this Cooking Recipe Management System project we are giving ultimate solution for all of them that is we are making website where each and every one check and see the website.

### **1.4 scope of the project**

The website designed for business purpose. which provides an admin facility in order to manage the system and keep the information accurate. Admin the person who maintains the website that means he can add or delete the recipe or even he can modify the recipe. In the admin will add the categories and articles which will be displayed in the website. Admin can conduct events related to food recipes and give prizes to the winners. admin can Views the feedbacks from users. Admin has a facility to translate a recipe from user into many languages by using machine learning.

## **CHAPTER 2**

# **REQUIREMENT ANALYSIS AND SPECIFICATION**

### **2.1 System study**

System analysis was done by having frequent meetings with our clients and thereby acquiring a detailed specification of their requirement.

I had several meetings with Mr.Anoop, Manager of L'attitude, chennai,one of our client.His main requirement was to automate all the manual works and Client activities related to company.

I prepared some questionnaires regarding my doubts and cleared it with him.

#### **2.1.1 Existing system**

The present system is all about manually displaying or publishing the cookie recipes. If they want to know about any new items then they used to search books,articles,newspaper and ask others. As these will be manually and people use to face difficultly in sharing their information. The sharing of the cookie items makes the problems for common people ,business ,hotels also.

#### **2.1.2 Proposed system**

**RECETARIO** is a website. My project aims at minimizing the workload and making the service more efficient and secure. Users can easily join through this website. It is very easy to manage this site as a user. It does not need any particular knowledge.

The proposed one the solution for common people, business and hotels also. The Cooking Recipe Management System is the website will be hosted in internet. So a user or visitor can visit the website check for the recipes and search for the recipes and even he can add recipes to the websites also.

## **2.2 System specification**

### **2.2.1 Specification for development**

#### **2.2.1.1 Hardware Specification**

- Processor : Intel i3
- Primary memory : 2 GB
- Hard Disk : 40 GB

#### **2.2.1.2 Software Specification**

- Front End Tool : Python 3.9
- Back End Tool : Mysql
- Operating System : Windows
- Web Browsers : Google Chrome
- Framework : Django

### **2.2.2 Specification For Implementation**

#### **2.2.2.1 Hardware Specification**

- Processor : Intel i3
- Primary memory : 2 GB

- Hard Disk : 40 GB

### **2.2.2.2 Software Specification**

- Front End Tool : Python 3.8
- Back End Tool : Mysql
- Operating System : Windows
- Web Browsers : Google Chrome
- Framework : Django

## **2.3 Software Tools**

### **2.3.1 Python**

Python 3.8 used in this project. Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python has a design philosophy that emphasizes code readability, notably using significant whitespace. Python was conceived in the late 1980s by Guido van Rossum at Centrum Wiskunde Informatica (CWI) in the Netherlands as a successor to the ABC language (itself inspired by SETL), capable of exception handling and interfacing with the Amoeba operating system. Python is a multi-paradigm programming language. Object-oriented programming and structured programming are fully supported, and many of its features support functional programming and aspect-oriented programming (including by meta-programming and meta-objects (magic methods)). Many other paradigms are supported via extensions, including design by contract and logic programming. Python 2.7 is the last major release in the 2.x series, as the Python maintainers have shifted the focus of their new feature development efforts to the

Python 3.x series[4]. This means that while Python 2 continues to receive bug fixes, and to be updated to build correctly on new hardware and versions of supported operated systems, there will be no new full feature releases for the language or standard library.

### 2.3.2 Mysql

MySQL is a source relational (RDBMS); in July 2013, it was the world's second most widely used RDBMS, and the most widely used opensource client–server model RDBMS. It is named after co-founder Michael Widenius's daughter, MySQL acronym stands for Structured Query Language. The MYSQL development project has made its source code available under the terms of the GNU General Public License. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. For proprietary use, several paid editions are available, and offer additional functionality. LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL. Applications that use the MySQL database include: TYPO3, MODx, Joomla, WordPress , phpBB, MyBB, Drupal and other software. On all platforms except Windows, MySQL ships with no GUI tools to administer MySQL databases or manage data contained within the databases. Users may use the included command line tools, or install MySQL work-bench via a separate download. Many third party GUI tools are also available. MySQL is offered fewer than two different editions: the open source MySQL Community Server and the proprietary Enterprise Server. MySQL Enterprise Server is differentiated by a series of proprietary extensions which install as server plugins, but otherwise shares the version numbering system and is built from the same code base.

### **2.3.3 Django**

Django is a free and open-source web framework, written in Python, which follows the model-view-template (MVT) architectural pattern. It is maintained by the Django Software Foundation (DSF), an independent organization. Django's primary goal is to ease the creation of complex, database-driven websites. Django emphasizes reusability and "pluggability" of components, less code, low coupling, rapid development, and the principle of don't repeat yourself. Python is used throughout, even for settings files and data models. Django also provides an optional administrative create, read, update and delete interface that is generated dynamically through introspection and configured via admin models. Django was created in the fall of 2003, when the web programmers at the Lawrence Journal-World newspaper, Adrian Holovaty and Simon Willison, began using Python to build applications. It was released publicly under a BSD license in July 2005. Django's configuration system allows third party code to be plugged into a regular project, provided that it follows the reusable appconventions. More than 2500 packages are available to extend the framework's original behavior, providing solutions to issues the original tool didn't tackle: registration, search, API provision and consumption, CMS, etc. Django may also be run in conjunction with Jython on any Java EE application server such as GlassFish or JBoss. In this case django-jython must be installed in order to provide JDBC drivers for database connectivity, which also can provide functionality to compile Django in to a .war suitable for deployment. Django is a free and open source web application framework written in Python. A framework is nothing more than a collection of modules that make development easier. They are grouped together, and allow you to create applications or websites from an existing source, instead of from scratch.

# **CHAPTER 3**

## **SYSTEM MODELLING**

### **3.1 Introduction**

System modeling is the inter disciplinary study of the model to conceptualize and construct in business and IT development.

A common type of systems modeling is function modeling,with specific techniques such as the Data Flow Diagram.

These models can be extended using functional decomposition, and can be linked to requirements models for further systems partition.

### **3.2 Module Description**

- MODULES:
- Admin module

Admin the person who maintains the website that means he can add or delete the recipe or even he can modify the recipe. In the admin will add the categories and articles which will be displayed in the website. Admin can conduct events related to food recipes and give prizes to the winners. admin can Views the feedbacks from users. Admin has a facility to translate a recipe from user into many languages by using machine learning.

- User module

It is also allow user to post their favourite recipes, rate recipes and participate different events that conducted by admin related by the topic. User can modify or remove any submitted recipes by using a secured admin area. user can chat with other users about recipes.

### **3.3 Data Flow Diagram**

A data flow diagram is graphical tool used to describe and analyze movement of data through a system. These are the central tool and the basis from which the other components are developed. The transformation of data from input to output, through processed, may be described logically and independently of physical components associated with the system. These are known as the logical data flow diagrams. The physical data flow diagrams show the actual implements and movement of data between people, departments and workstations.

A full description of a system actually consists of a set of data flow diagrams. Using two familiar notations Yourdon, Gane and Sarson notation develops the data flow diagrams. Each component in a DFD is labeled with a descriptive name. Process is further identified with a number that will be used for identification purpose. The development of DFD'S are done in several levels. Each process in lower level diagrams can be broken down into a more detailed DFD in the next level.

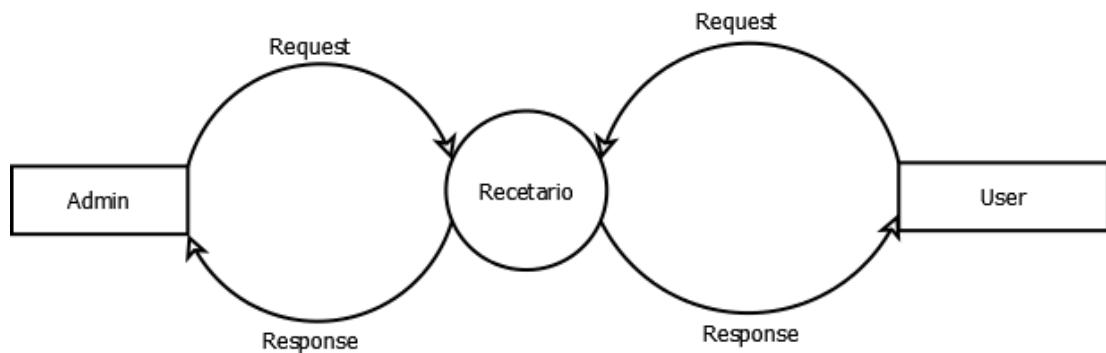
The top-level diagram is often called context diagram. It consists a single process box, which plays vital role in studying the current system. The process in the context level diagram is exploded into other process at the first level DFD. The idea behind the explosion of a process into more process is that understanding at one level of detail is exploded into greater detail at the next level. This is done until

further explosion is necessary and an adequate amount of detail is described for analyst to understand the process. Larry Constantine first developed the DFD as a way of expressing system requirements in a graphical form, this lead to the modular design.

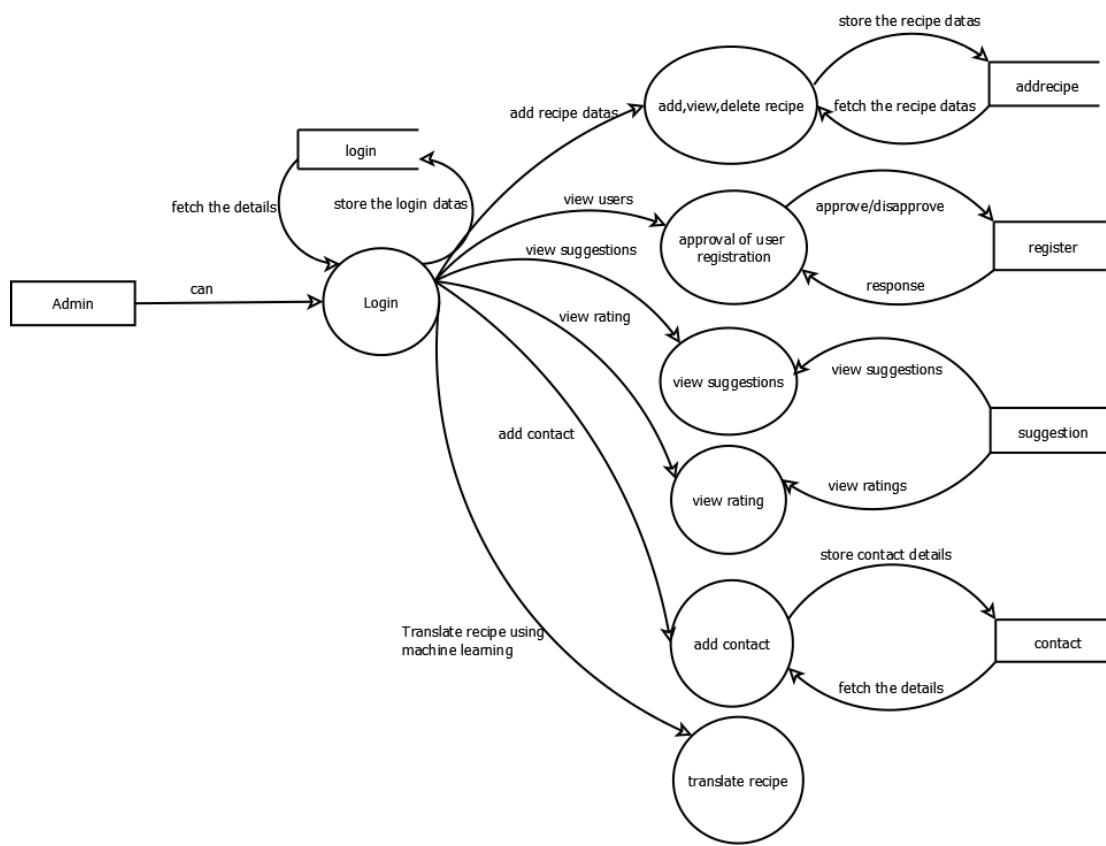
### 3.3.1 DFD Symbols

In DFD, there are four symbols:

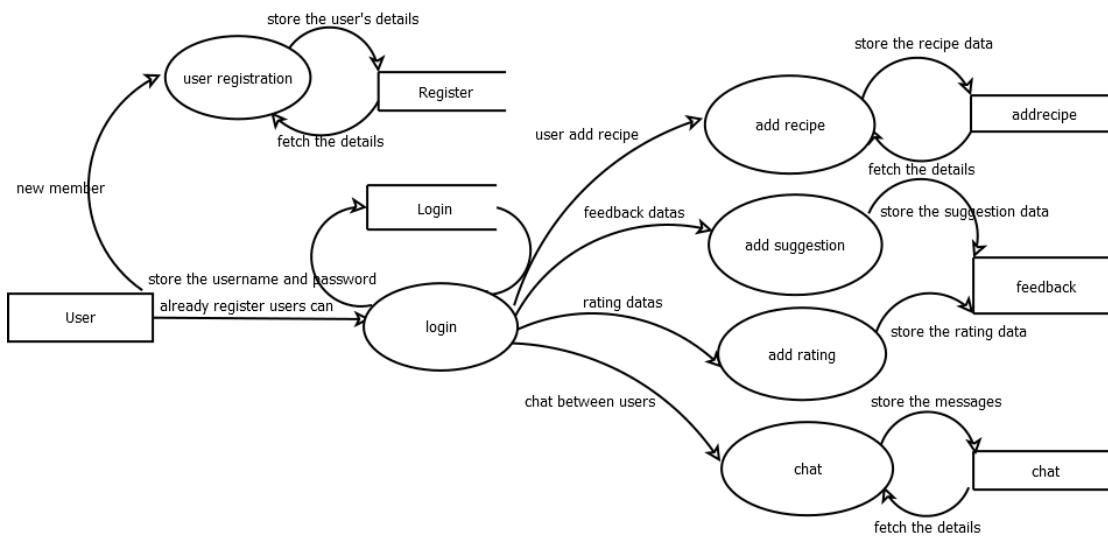
1. A square defines a source (originator) or destination of system data.
2. An arrow identifies data flow. It is the pipeline through which the information flows.
3. A circle or a bubble represents a process that transforms incoming data flow into outgoing data flows.
4. An open rectangle is a data store, data at rest or a temporary repository of data



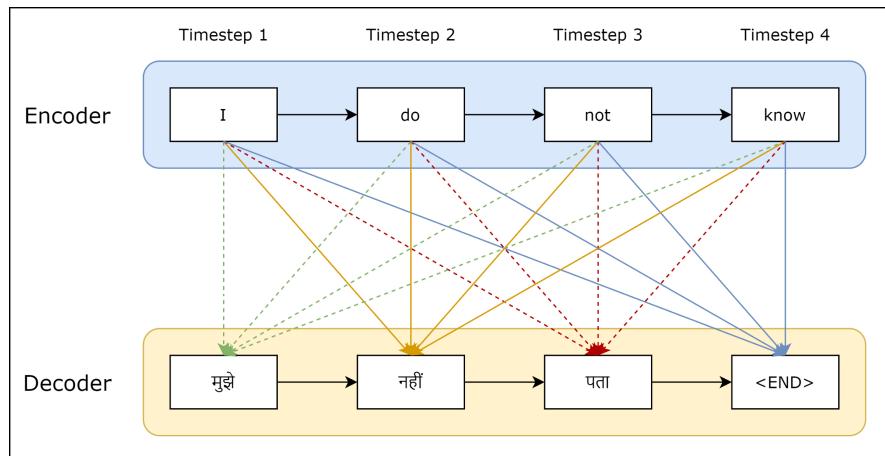
**Fig. 3.1. level 0**



**Fig. 3.2. level 1.Admin**



**Fig. 3.3. level 1 user**



**Fig. 3.4. Input-output encoder model**

## CHAPTER 4

# SYSTEM DESIGN

### 4.1 Introduction

The most creative and challenging face of the system development is System Design. It provides the understanding and procedural details necessary for the logical and physical stages of development. In designing a new system, the system analyst must have a clear understanding of the objectives, which the design is aiming to fulfill. The first step is to determine how the output is to be produced and in what format. Second, input data and master files have to be designed to meet the requirements.

#### 4.1.1 Product backlog

**Table 4.1. product backlog**

No	As a ....	I want to be able to	So that I can	Priority	Status
1	administrator	Handle user profile	Approval of user registration	must	completed
2	administrator	Handle user's recipes	Approval of recipes from users(view, delete, edit)	must	completed
3	administrator	Handle feedback from users	View the feedback	must	completed
4	administrator	Translate the recipe into hindi	View the recipe in hindi	must	completed
5	administrator	Contact details of admin	Contact details	could	completed
6	User	Login	Add recipes	must	completed
7	User	Give Feedback	Give feedback to admin	Must	completed
8	User	Chat with users	Get more information about recipes	must	completed

#### 4.1.2 sprint backlog

Table 4.2. sprint backlog

No	Date	Task	Status
1	15-03-2021 To 03-04-2021	<ul style="list-style-type: none"><li>• Topic Introduction</li><li>• Requirement Analysis</li><li>• System Study</li><li>• Module Description</li></ul>	Completed
2	14-04-2021 To 07-05-2021	Database Design	Completed
3	26-04-2021 To 01-06-2021	Coding	Completed

## 4.2 Database Design

### 4.2.1 Tables

Table 4.3. login

FIELD	TYPE	CONSTRAINT
Id	Integer	Primary key
Username	character	Not null
Password	character	Not null
Usertype	Integer	0-admin 1-user
Status	Integer	Not null

**Table 4.4. register**

FIELD	TYPE	CONSTRAINT
Id	Integer	Primary key
Fname	Character	Not null
Lname	Character	Not null
Email	Email	Unique
Phone	Integer	Length=10

**Table 4.5. contact**

FIELD	TYPE	CONSTRAINT
Id	Integer	Primary key
Name	Character	Not null
Email	Email	Unique
Message	Varchar	Not null

**Table 4.6. feedback**

FIELD	TYPE	CONSTRAINT
Id	Integer	Primary key
Name	Character	Not null
Email	Email	Unique
suggestions	character	Not null
rating	integer	Not null

**Table 4.7. chat**

FIELD	TYPE	CONSTRAINT
Id	Integer	Primary key
User id	Integer	Not null
Message	Varchar	Not null
Sid	Integer	Not null
Rid	Integer	Not null
Date	date	Not null
Time	Time	Not null
Status	Integer	Not null

**Table 4.8. add recipe**

FIELD	TYPE	CONSTRAINT
Id	Integer	Primary key
Recipename	Character	Not null
Recipe_type	Character	Not null
Ingredient	Varchar	Not null
Recipe	Character	Not null
Username	Character	Not null
Email	Email	Unique
User type	Integer	0-admin 1-user
Status	Integer	0-approved 1-not approved
image		image
video		video

## 4.3 User-Interface Design

### 4.3.1 Screenshots

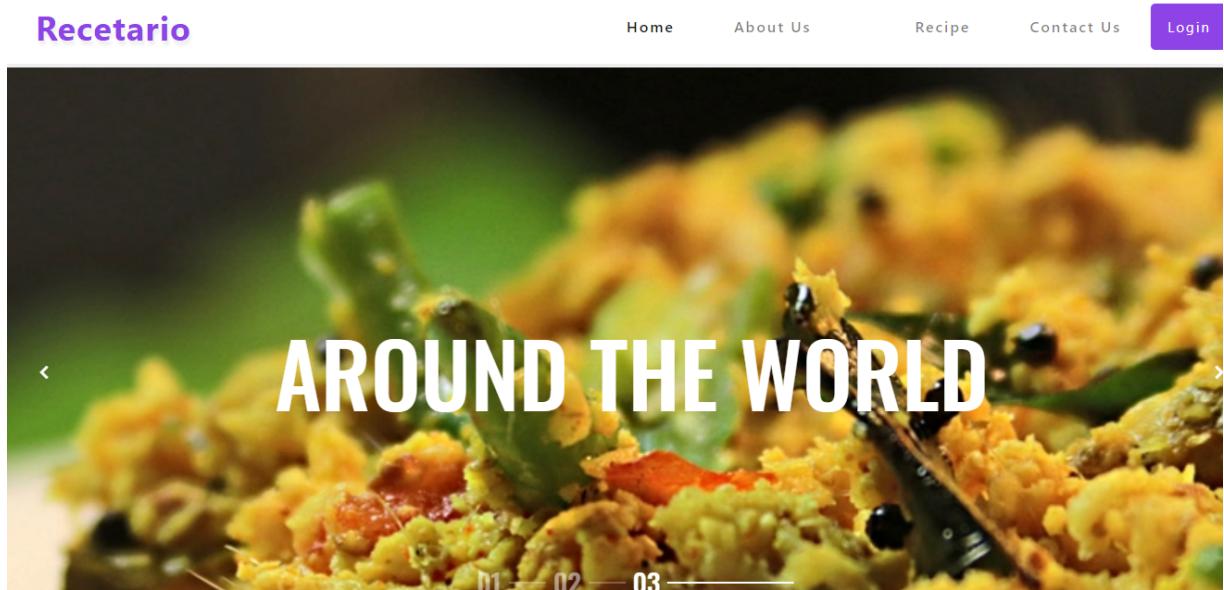
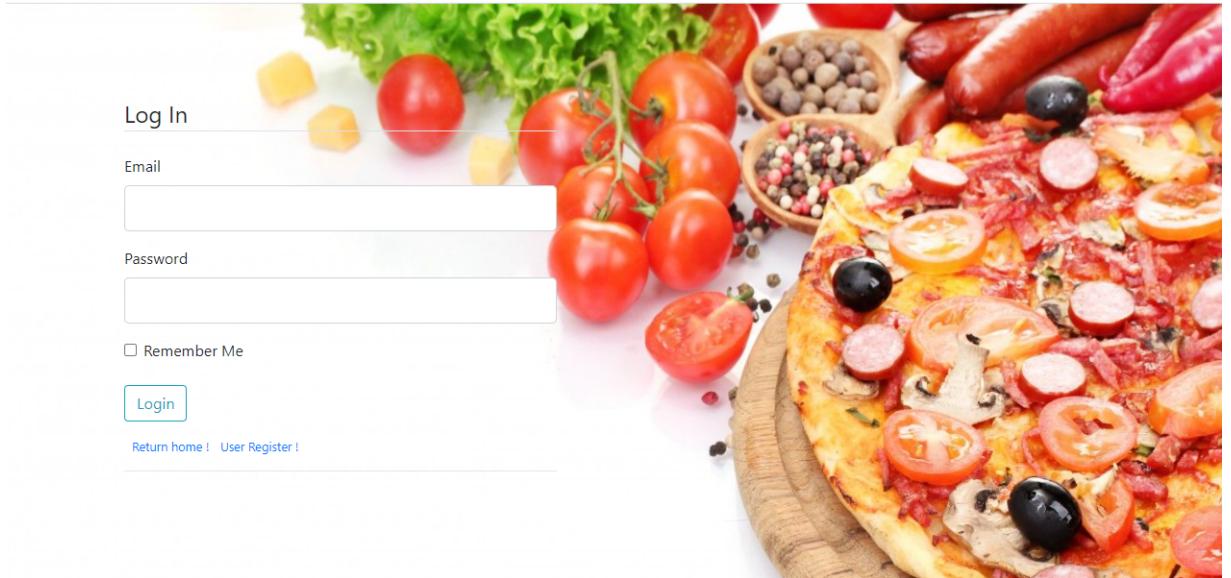


Fig. 4.1. home page



**Fig. 4.2. login**

## Register

First name

Last name

Email

Phone

Password

**Submit**

**Fig. 4.3. Register**

## Contact Us

---

Contact us for more details and updates.

### Get In Touch

The contact form consists of four input fields. The first field is labeled 'Enter your name...' with a person icon. The second field is labeled 'Enter your email...' with an envelope icon. The third field is labeled 'Your message'. To the right of the second field is a purple phone icon followed by the phone number '+919539710079'. A small text link 'Activate Windc' is visible at the bottom right of the form area.

Enter your name...

Enter your email...

Your message

+919539710079

Activate Windc

**Fig. 4.4. contact us**

## We Provide Exotic Recipes around the World

In our country cooking considered as an art .Including healthy recipe in our meal is an important one.

[READ MORE](#)



**Fig. 4.5. about us**

## Recetario



Biryani

indian

[View](#)



Masala dosa

indian

[View](#)



Chicken Noodle Soup

soup

[View](#)

**Fig. 4.6. recipe category**



Biryani

indian

[View](#)

Masala dosa

indian

[View](#)

Chicken Noodle Soup

soup

[View](#)**Fig. 4.7. recipe details**

**Recipe Name : biriyani** 

1 cup boiled basmati rice 1/2 teaspoon mint leaves salt as required 2 tablespoon refined oil 3 green cardamom 2 clove 2 onion 1 teaspoon turmeric 1 tablespoon garlic paste 1 cup hung curd 2 tablespoon coriander leaves water as required 1 tablespoon ghee

**Video****Reccipe**

The name biryani itself brings water in your mouth. It's a one-pot meat that can fill your stomach itself and it doesn't need any side dish, however, many enjoy biryani with mirchi ka salan and raita. Biryani is an epitome of Mughlai cuisine and over the years there have been several variations of this one dish. Here's one dish that defines the word biryani and based on which, the variations have taken place. Chicken Biryani is one of the most popular dishes that you can find across the world and it's loaded with various spices. It's an interesting combination of rice and meat, and if you put your heart into it, people will love it for sure. One of the best things about preparing biryani is that it has several layers resulting into different textures, flavours and colours. This biryani recipe is prepared using basmati rice, chicken thighs, Greek yoghurt or hung curd, onion, tomato, milk, saffron and a melange of whole and ground spices.

**Fig. 4.8. recipe details continuation..**

## Add Recipe

Recipe name

Recipe type

Ingredients

Recipe

Upload Picture  
 Choose File No file chosen

Video Link

Activate Windows  
Go to PC settings to activate Windows.

**Fig. 4.9. add recipe**

## हिंदी

### नुस्खा का नाम: बिरयानी

१ कप उबले हुए बासमती चावल १/२ टेबल स्पून पुदीना पत्ती नमक २ टेबल स्पून रिफाइंड तेल ३ हरी इलायची २ लौंग २ प्याज १ टेबल स्पून हल्दी १ टेबल स्पून लहसुन का पेस्ट १ कप हंग कर्ड २ टेबल स्पून हरा धनिया आवश्यकतानुसार पानी १ टेबल स्पून धी

### video



Fig. 4.10. recipe translation

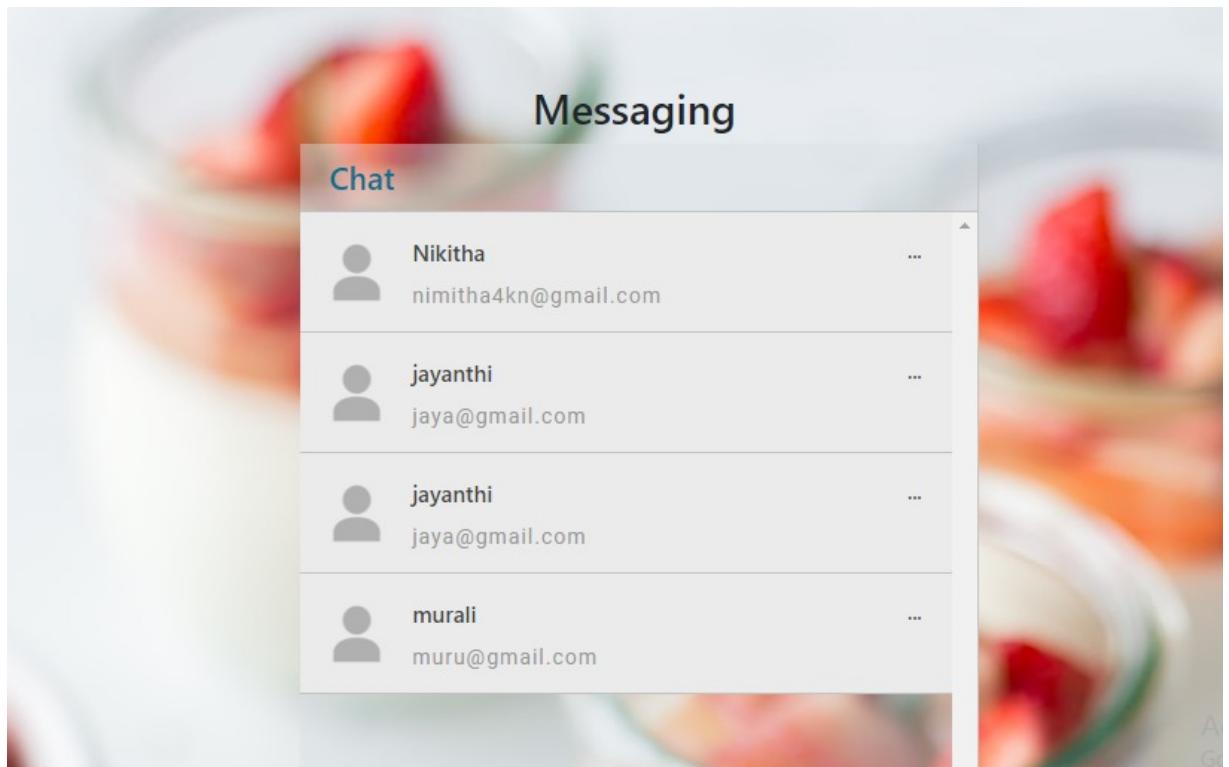
## वीडियो



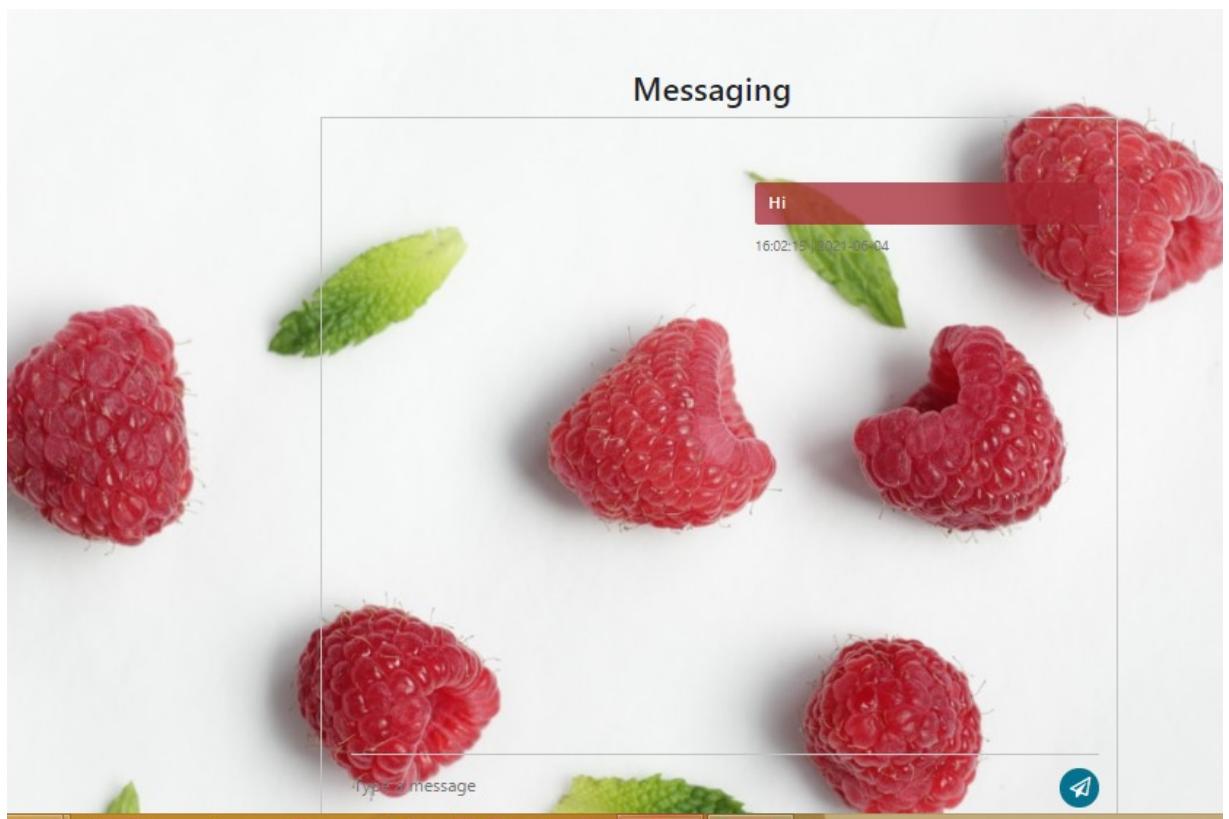
## विधि

बिरयानी नाम ही आपके मुंह में पानी ला देता है। यह वन पॉट मीट है जो आपका पेट खुद भर सकता है और इसके लिए किसी साइड डिश की ज़रूरत नहीं है। हालाँकि, कई लोग मिर्चों के सालन और रायते के साथ बिरयानी का आनंद लेते हैं। बिरयानी मुगल व्यंजनों का एक प्रतीक है और पिछले कुछ वर्षों में इस एक व्यंजन के कई रूप सामने आए हैं। यहां एक व्यंजन है जो बिरयानी शब्द को परिभाषित करता है और जिसके आधार पर विविधताएं हुई हैं। चिकन बिरयानी सबसे लोकप्रिय व्यंजनों में से एक है जिसे आप परे देश में पा सकते हैं दनिया और इसके विभिन्न स्थानों से भरी हड्ड है। यह चावल और मांस का

Fig. 4.11. continuation...



**Fig. 4.12. chat**



**Fig. 4.13. chat continuation**

RECIPE VIEW					
ID	Recipe name	Recipe type	Image	Edit	Status
1	biriyani	indian		<a href="#">Edit</a>	<a href="#">Delete</a>

**Fig. 4.14. admin**

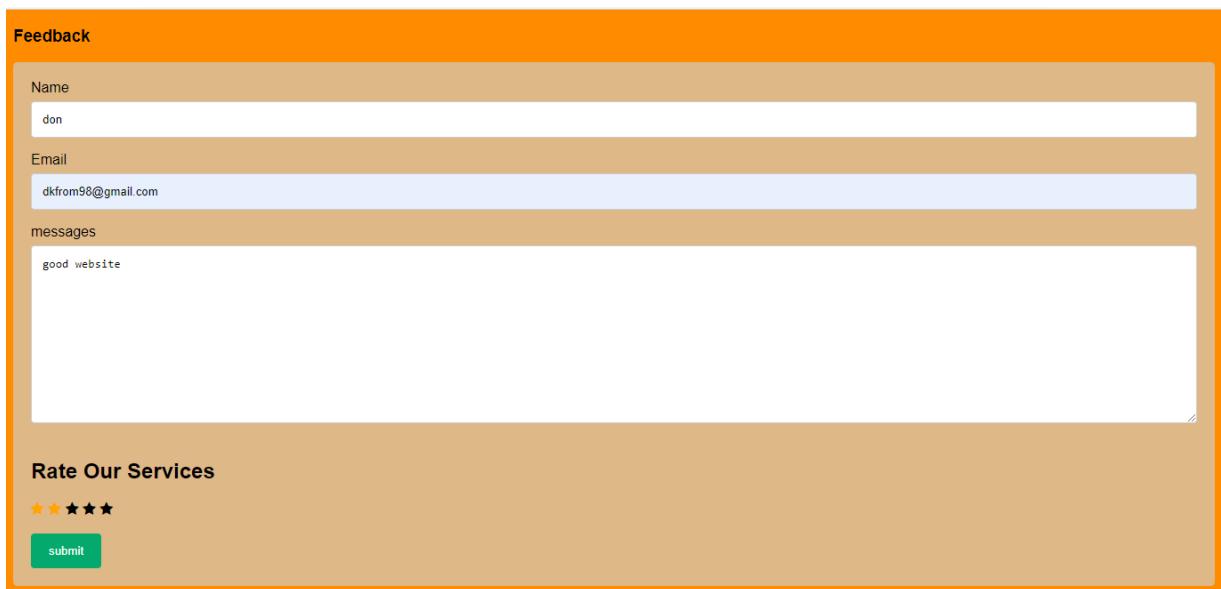
**Feedback**

Name

Email

messages

**Rate Our Services**  
★★★★★



**Fig. 4.15. feedback**

## **CHAPTER 5**

# **SYSTEM TESTING**

### **5.1 Introduction**

Testing is the process of examining the software to compare the actual behavior with that of the expected behavior. The major goal of software testing is to demonstrate that faults are not present. In order to achieve this goal the tester executes the program with the intent of finding errors. Though testing cannot show absence of errors but by not showing their presence it is considered that these are not present. System testing is the first Stage of implementation, which is aimed at ensuring that the system works accurately and efficiently before live operations commences . Testing is vital to the success of the system. System testing makes a logical assumption that if all the parts of the system are correct and the goal will be successfully achieved. A series of testing are performed for the proposed system before the proposed system is ready for user acceptance testing.

#### **5.1.1 Unit testing**

In this each module is tested individually before integrating it to the final system . Unit test focuses verification in the smallest unit of software design in each module. This is also known as module testing as here each module is tested to check whether it is producing the desired output and to see if any error occurs.

### **5.1.2 Integration testing**

Integration testing is the phase in software testing in which individual software modules are combined and tested as a group. It occurs after unit testing and before validation testing. Integration testing takes as its input modules that have been unit tested, groups them in larger aggregates, applies tests defined in an integration test plan to those aggregates, and delivers as its output the integrated system ready for system testing. The purpose of integration testing is to verify functional, performance, and reliability requirements placed on major design items.

### **5.1.3 User acceptance testing**

No system could be useful if it does not produce the required output in the specific format. Output testing is performed to ensure the correctness of the output and its format. The output generated or displayed by the system is tested asking the users about the format required by them .

### **5.1.4 Test Cases**

**Table 5.1. login**

Name of Control	Validation	Inputs	Response
Textbox (Email)	Only registered email allowed	<a href="mailto:Donlinejoy1997@gmail.com">Donlinejoy1997@gmail.com</a>	Success
	required	anu@gmail	Invalid entry
Textbox (Password)	Must match with stored password	Don41514	Success
	Required	don	Invalid entry

**Table 5.2. register**

Name of control	Validation	Inputs	Response
Textbox(Name)	Only alphabetic characters allowed	Don @gmail	Success Invalid entry
Textbox>Email)	email@domain.com	<a href="mailto:Donlinejoy1997@gmail.com">Donlinejoy1997@gmail.com</a> hdfhsufHgmail.com	Success Invalid entry
Textbox(phone no)	1234567890	10 digits allowed(9846518598) 4552255	Success Invalid entry
Textbox (password)	Atleast 6 character long	123456 karma	Success Invalid entry

**Table 5.3. feedback**

Name of Control	Validation	Inputs	Response
Textbox(Name)	only Alphabets allowed	Jinni	Success
		anu@gmail	Invalid entry
Textbox>Email)	Registered email id are allowed	<a href="mailto:Donlinejoy1997@gmail.com">Donlinejoy1997@gmail.com</a>	Success
		sdjkfjdsds	Invalid entry
Textbox(suggestions)	atleast 5 characters long	good work	Success
		nyc	Invalid entry

**Table 5.4. contact**

Name of control	Validation	Inputs	Response
Textbox(Name)	only Alphabets allowed	Jini anu@gmail	Success Invalid entry
Textbox(Email)	email@domain.com	<a href="mailto:jinni@gmail.com">jinni@gmail.com</a> karmagmail.com	Success Invalid entry
Textbox(messages)	Atleast 5 letter long	submit properly nyc	Success Invalid entry

**Table 5.5. addrecipe**

Name of Control	Validation	Inputs	Response
Textbox(Recipename)	Atleast 5 characters are allowed required	Biriyani Tea	Success Invalid entry
Textbox(Recipe_type)	Atleast 5 characters are allowed required	Lunch hh	Success Invalid entry
Textbox(Ingredient)	Atleast 5 characters are allowed required	1 tb spoon turmeric powder df	Success Invalid entry
Textbox(Recipe)	Atleast 5 characters are allowed required	1 tb spoon turmeric powder df	Success Invalid entry
Textbox(Username)	Only alphabets are allowed required	Donline 122	Success Invalid entry
Textbox>Email)	Registered email id are allowed	<a href="mailto:Donlinejoy1997@gmail.com">Donlinejoy1997@gmail.com</a> karma	Success Invalid entry
Textbox(images)	Only upload the images required	Biriyani.jpeg ka	Success Invalid entry

**Table 5.6. chat**

Name of Control	Validation	Validation	Response
Textbox(message)	atleast 2 characters long	i will send it a	Success Invalid entry
Textbox(date)	Only allow the date format dd-mm-yy required	22-01-20 123456abc	Success Invalid entry
Textbox(time)	Only allow the time format hr:ms:ss Required	1:25:54 2:55	Success Invalid entry

## **CHAPTER 6**

# **SYSTEM IMPLEMENTATION**

### **6.1 Implementation Methods**

Implementation is the stage in the project where the theoretical design is turned into a working system and is giving confidence on the new system for the users that it will work efficiently and effectively.

Web hosting simply means making a website available on the world wide web such that people are able to view the content you have on your website. A web site can be developed on any computer including your personal computer if you install and configure the right software. However, that will not make a website available via the internet. Therefore, to make it available via the internet, the files that make up the website must be uploaded or copied to a special type of computer called a web server. Once this is done, the website will be available via the internet and is called web hosting.

The first thing to consider when starting a website is to choose a web hosting provider (Eg. Go daddy.com, HostGator etc.). The web hosting provider provides the web space (i.e. special computers called web servers) where your website files are stored, as well as the technologies and services needed for your website to be viewed on the Internet.

## **6.2 Implementation Plan**

The implementation process begins with preparing a plan for the implementation of the system. According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. In network backup system no additional resources are needed. Implementation is the final and the most important phase. The most critical stage in achieving a successful new system is giving the users confidence that the new system will work and be effective. The system can be implemented only after thorough testing is done and if it is found to be working according to the specification. This method also offers the greatest security since the old system can take over if the errors are found or inability to handle certain type of transactions while using the new system. The implementation process consist of the following steps:

- Decide the type of Website (Static/Dynamic) : The recetario is a dynamic Website. They make use of both client-side and server-side scripts to create and update content.
- Choose a Hosting Server
- Select appropriate Web Hosting Plan
- Change DNS (Domain Name Servers) Address
- Upload Website

## **CHAPTER 7**

### **CONCLUSION AND FUTURE SCOPE**

The project named “ Recetario” is a website. This project is developed using PYTHON. As it is very flexible with user friendly screens, the user interaction of this site can be made very easy. Any number of users can use this website together. Error correction and enhancement can be made easily. This website is feasible for modification that may arrive in future. i believe the website will remain good for reasonable period of time. Once again i thank those who helped us to make this project successful one. This website is developed in such a way that any further enhancement can be done with ease. Planning to add more functionalities like add cooking class, buy foods online.

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