



**SDJ INTERNATIONAL  
COLLEGE**

## Bachelor of Computer Applications (BCA) Programme

### Project Report

BCA Sem VI  
AY 2021-22

Topic: online cooking course

*by*

Exam No.	Name of Student
3115	Kotadiya Abhay Girdharbhai
3119	Lakum Harshad Isvarbhai

Project Guide By :

Prof. Trupti Patel

## Acknowledgement

The success and final outcome of this Project Documentation required a lot of guidance and assistance from many people and I am extremely fortunate to have got this all along the completion of my Project Documentation work. Whatever I have done is only due to such guidance and assistance and I would not forget to thank them.

I owe our profound gratitude to I/C Principal Dr. Aditi Bhatt, Head of Department Dr. Vaibhav Desai and Project guide **Prof. Trupti Patel** and all other Assistant professors of SDJ International College, who took keen interest on my Project work and guided me all along, till the completion of my Project work by providing all the necessary information for presenting a good Concept. I am extremely grateful to them for providing such nice support and guidance though they had a busy schedule managing the college affairs.

I am thankful and fortunate enough to get support and guidance from all Teaching staff of Bachelor of Computer Application Department which helped me in successfully completing my project work. Also, I would like to extend my sincere regards to all the non-teaching staff of Bachelor of Computer Application Department for their timely support.

Lakum Harshad Ishvarbhai

Kotadiya Abhay Girdharbhai

## INDEX

<b>Sr No</b>	<b>Description</b>	<b>Page No.</b>
1	Introduction	
	1.1 Project Summary	1
	1.2 Project Technical Profile	2
2	Scope & Planning	
	2.1 Requirement Analysis	3
	2.2 Feasibility Study	7
	2.3 Timeline Chart	9
	2.4 Future Development	10
	2.5 Technology Details	11
3	Designing	
	3.1 Data Flow Diagram	12
	3.2 Use Case Diagram	22
	3.3 ER Diagram	24
	3.4 Database Design	25
	3.5 User Interface	30
4	Testing	
	4.1 Unit Testing	64
	4.2 Navigation Testing	71
	4.3 Functional Testing	73
	4.4 Environment Testing	73
5	Conclusion	74
6	Bibliography	75

# 1. Introduction

## 1.1 Project Summary

The online cooking course project aims to provide an interactive and engaging platform for users to learn how to cook various dishes from the comfort of their homes. The course will consist of a series of video tutorials, step-by-step guides, and interactive recipes to help users learn and practice their cooking skills.

The course will cover a wide range of topics, including basic cooking techniques, kitchen safety, meal planning, and recipe creation. Users will be able to choose from different categories of dishes, such as appetizers, main courses, desserts, and more, and will be able to learn at their own pace .

The project will be developed using a user-friendly interface, and will include features such as a recipe library, and community forum to encourage user interaction and feedback. The course will be accessible on multiple devices, including desktop computers, laptops, tablets, and smartphones.

Overall, the goal of the online cooking course project is to provide users with a fun and easy way to improve their cooking skills, learn new recipes, and gain confidence in the kitchen

## 1.2 Project Technical Profile

Project Title	ONLINE COOKING COURSE	
Project Category	Web Development	
Front-End	 HTML, CSS, JavaScript	
Back-End	 PHP, Apache Server, MYSQLI 5.0	
Project Guide	Prof. Trupti Patel	
Designing Tools	  Bootstrap , java script	
Tools used for ERD & DFD	 Draw io , visio	
Operating System:	 Microsoft Windows 10	
Submitted By	Lakum Harshad Ishvarbhai  Kotadiya Abhay Girdharbhai	

## 2. Scope & Planning

### 2.1 Requirement Analysis

An online cooking course is a digital platform that offers instructional videos, tutorials, and other resources for individuals to learn how to cook various dishes. It is a web-based learning program that is designed to provide an engaging and interactive experience to users who want to improve their cooking skills from the comfort of their own homes.

Requirement analysis for an online cooking course would involve identifying the needs and preferences of the target audience, as well as the key features and functionality required for the platform to provide an engaging and effective learning experience.

Here are some of the requirements that would need to be considered:

- Course content: The course should offer a variety of recipes and cooking techniques, covering various categories such as appetizers, main dishes, desserts, etc. The content should be organized in a user-friendly way that is easy to navigate and search.
- User interface: The user interface should be intuitive and easy to use, with clear navigation and visually appealing design. The platform should be accessible from different devices, including desktops, laptops, tablets, and smartphones.
- Video quality: The video quality should be high-definition, with clear audio and video. The videos should be accessible through the platform and should have an option to adjust the playback speed to suit the user's learning style.
- Interactivity: The platform should include interactive elements such as quizzes, cooking challenges, and forums to engage users and provide feedback.
- Feedback and ratings: Users should be able to provide feedback and ratings on the course content and their learning experience.

### **2.1.1 Fact Gathering Techniques**

- Read reviews: Look for reviews of different online cooking courses. You can find reviews on sites like Yelp, Trustpilot, and Google Reviews. Additionally, many course providers have their own review sections where users can rate and review their experiences.
- Check out social media: Look for social media pages and groups related to online cooking courses. These pages can be a great source of information, as they often contain reviews, comments, and recommendations from other users.
- Explore online forums: Consider joining online forums related to cooking courses. These forums can be a great place to ask questions, get recommendations, and read about other people's experiences with different courses.
- Look for articles: Check out articles and blog posts related to online cooking courses. Many websites that review products and services, such as Consumer Reports, have articles about cooking courses that can provide valuable information.
- Contact the course provider: If you have specific questions or concerns about a particular online cooking course, consider reaching out to the course provider directly. Many providers have customer support teams that can help answer your questions and provide more information.
- Compare course features: Compare the features of different online cooking courses, such as course length, price, instructor credentials, and course format (live, pre-recorded, interactive, etc.). This can help you determine which course is the best fit for you.

### 2.1.2 Observation

- Online cooking courses have become increasingly popular in recent years, providing a convenient way for individuals to learn new cooking skills from the comfort of their own homes. These courses typically offer a wide range of instructional videos and step-by-step tutorials on various cooking techniques and recipes.
- Another benefit of online cooking courses is their flexibility. Unlike traditional cooking classes, which often require participants to attend in-person sessions at specific times, online courses can be completed at the learner's own pace and on their own schedule. This makes it easier for busy individuals to fit cooking classes into their daily routine.

### 2.1.3 Functional requirement (Admin)

- Admin manage facilities for insert, update, and delete category, and type.
- Admin can also manage the registration, verification process of users who register.
- Admin manages the facility for insert, update and delete course and recipe.
- Admin can display facilities for courses and recipes.
- Admin can Manage course and manage recipe , invoice of Trending.
- Admin can show the users details, Total number of course, recipe and messages .
- Admin can Change his profile.

#### 2.1.4 Functional requirement (User)

- Users can register to the online cooking course process system and login.
- Users can forget passwords.
- Forgot password will change password by just entering valid email id and add new password .
- If any inquiry or details are required then the user can also contact the admin regarding Particular service.
- Users can get a Response for his Query from Admin through messages .
- Users can also check course and recipe details on the website which is uploaded by admin .
- Users can show a course and recipe which he/she will be learning cooking.
- Users can see the course and recipe .

## 2.2 Feasibility Study

### 2.2.1 Economic Feasibility

- From an economic perspective, online cooking courses can be considered a cost-effective way to learn new cooking skills. Compared to traditional in-person cooking classes, online courses are often more affordable, as they do not require the same level of physical resources and overhead costs, such as rental of a kitchen or classroom space.
- Online cooking courses may also offer additional economic benefits, such as the ability to save money by preparing meals at home instead of eating out at restaurants. By learning new cooking skills and techniques, individuals may be able to create more nutritious and delicious meals, while also reducing their food costs over the long term.

### 2.2.2 Operational Feasibility

- The operational feasibility of an online cooking course involves assessing whether the course can be effectively implemented and sustained over time. One of the key operational considerations for an online cooking course is the availability of resources, such as technology infrastructure, instructional design and development, and qualified instructors.

### 2.2.3 Technical Feasibility

Project system is a complete web based application. The main technologies and tools that are associated with our system are

- HTML
- CSS
- JS
- PHP
- MySQL

Each of the technologies is freely available and the technical skills required are manageable. Bandwidth required in this application is very low, since it doesn't incorporate any multimedia aspect. From these it is clear that the project software is technically feasible.

### 2.2.4 Resource Feasibility

Resources which are required for the software project includes

- Programming device (Laptop / Computer)
- Hosting space
- Programming tools (VS Code / Notepad++)
- Programming individuals

So it's clear that the project has the required resource feasibility.

## 2.3 Timeline Chart

Work Tasks	Feb				March				April			
	1	2	3	4	1	2	3	4	1	2	3	4
<b>1) Requirement Analysis</b>												
Gathered Requirement	■	■										
Analyze gathered information			■									
Determine basic functionality			■									
Determine scope of system				■								
Milestone : Requirement Analysis					■							
<b>2) Planning and Risk analysis</b>												
Analyze data for possible risk			■									
Identify potential risk				■								
Determines different modules					■	■						
Milestone : Planning Complete						■						
<b>3) Designing</b>												
Design basic interface					■							
Design Database tables						■						
Design web page modules							■					
Milestone : Design Complete								■				
<b>4) Coding and integrated Modules</b>												
Implement logic for transaction						■						
Implement database connectivity							■	■				
Implement Client side module								■				
Implement Admin side module									■			
Milestone : Coding Complete										■		
<b>5) Testing</b>												
Validate input data on control								■				
Check accuracy of transaction									■			
Test system with multiple users										■		
Milestone : Testing Complete											■	■
<b>6) Documentation</b>											■	■

## 2.4 Future Development

### 2.4.1 Community-based learning

- Online cooking courses can facilitate the creation of a community of learners who can interact with each other, share their experiences, and learn from each other. This can be done through forums, social media groups, or even virtual cooking classes where users can cook together.

### 2.4.2 Incorporation of AI

- Artificial intelligence can be used to enhance online cooking courses in several ways. For example, AI can be used to analyze user data and provide personalized recommendations or feedback. AI can also be used to create new recipes based on user preferences and cooking styles.

### 2.4.3 Integration with smart kitchen appliances

- As smart kitchen appliances become more common, online cooking courses can be integrated with these appliances to provide a more seamless cooking experience. For example, users can control their ovens or stovetops through the online course platform, or the course can automatically adjust cooking times based on the user's appliance settings.

## 2.5 Technology Details

### 2.5.1 Hardware /Software Configuration

#### Hardware Requirement

<b>Processor</b>	11th Gen Intel(R) Core(TM) i5
<b>RAM</b>	8.00 GB (7.65 GB usable)
<b>HDD</b>	1 TB

### 2.5.2 Software Used For Application Implementation

#### Software Requirement

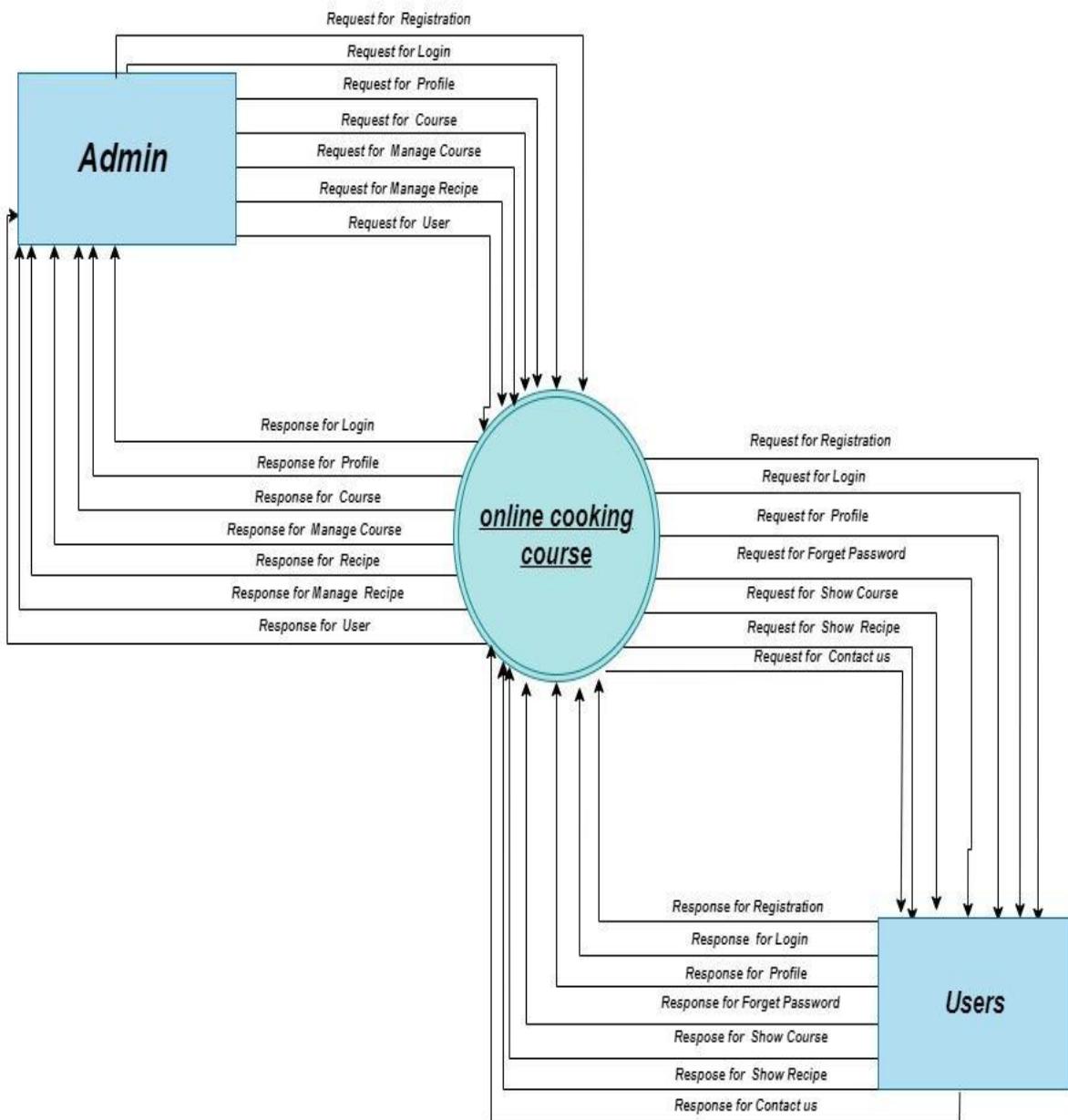
<b>Operating System</b>	Windows 11 Home Single Language
<b>Front End</b>	Html , css , javascript .
<b>Code Behind</b>	PHP
<b>Back End</b>	Mysql
<b>Other Tools Used</b>	Java script, Bootstrap, Css.

## 3. Designing

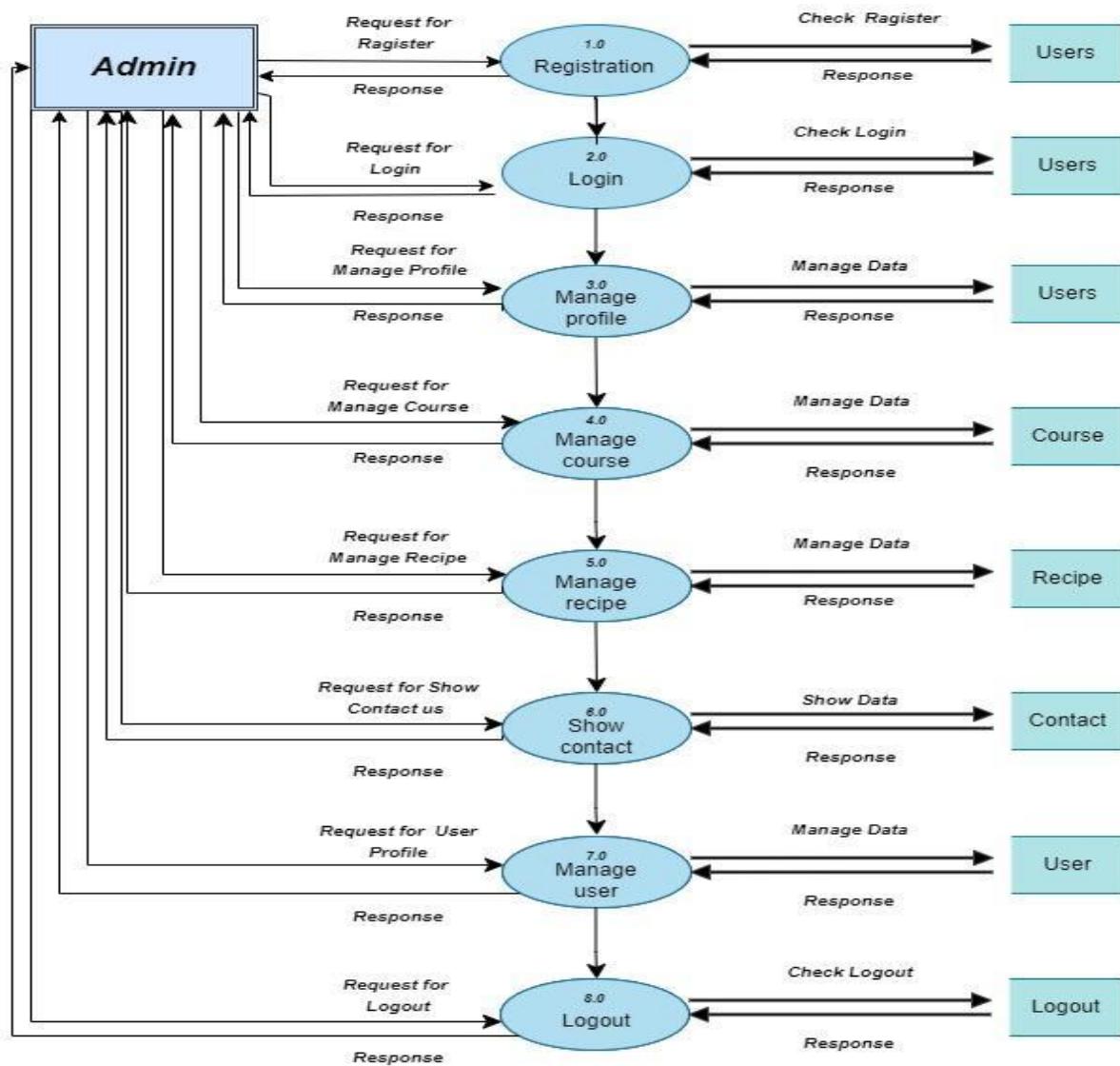
### 3.1 Data Flow Diagram

- A Data Flow diagram is a graphical representation that depicts information flow & transform that are applied as data move from input to output. the basic form of DFD also known as Data Flow Graph or a bubble chart.
- Each function is considered as a process that consumes some input & produces some output data.
- The system is represented in terms of input data to system various processing carried out on this data & output data generated by the system.
- As information moves through software, it is modified by a series of transformations. A data flow diagram is a graphical representation that depicts information flow and the transforms that are applied as data move from input to output.
- The data flow diagram may be used to represent a system or software at any level of abstraction. In fact, DFDs may be partitioned into levels that represent increasing information flow and functional details. Therefore, the DFD provides a mechanism for functional modeling as well as information flow modeling.

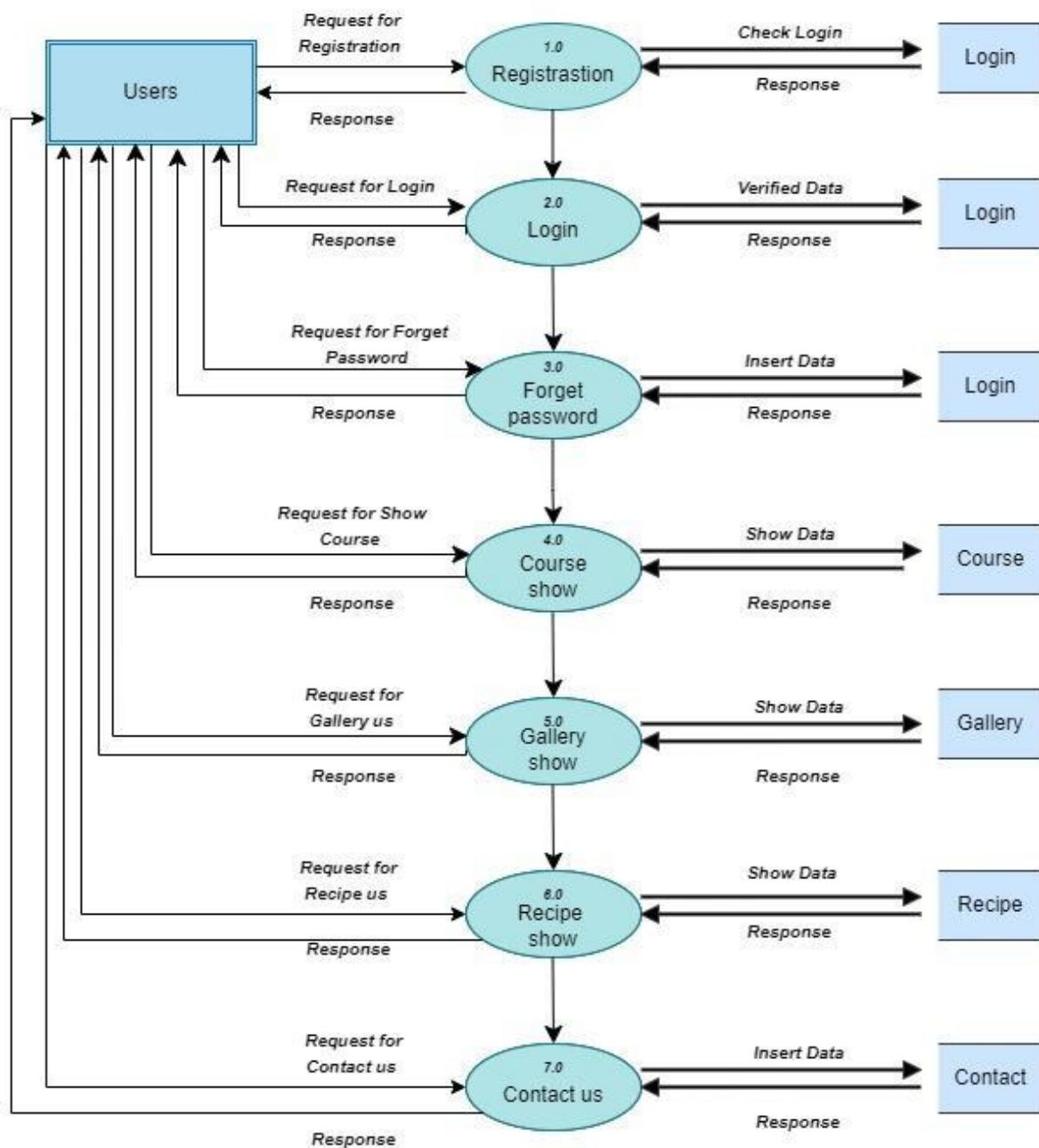
## Context level data flow diagram



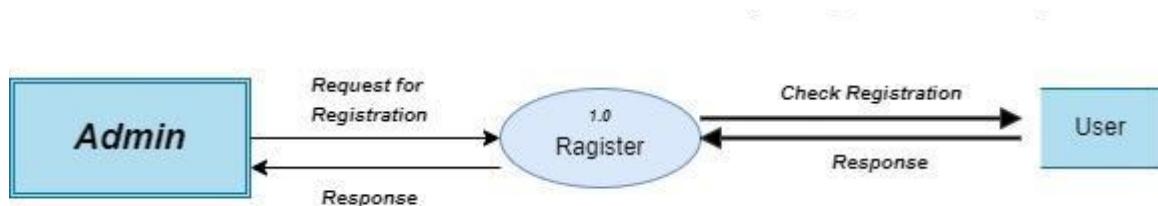
### 1 level DFD of Admin



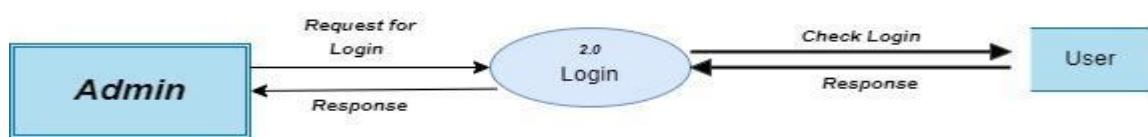
## 1 Level DFD of Users



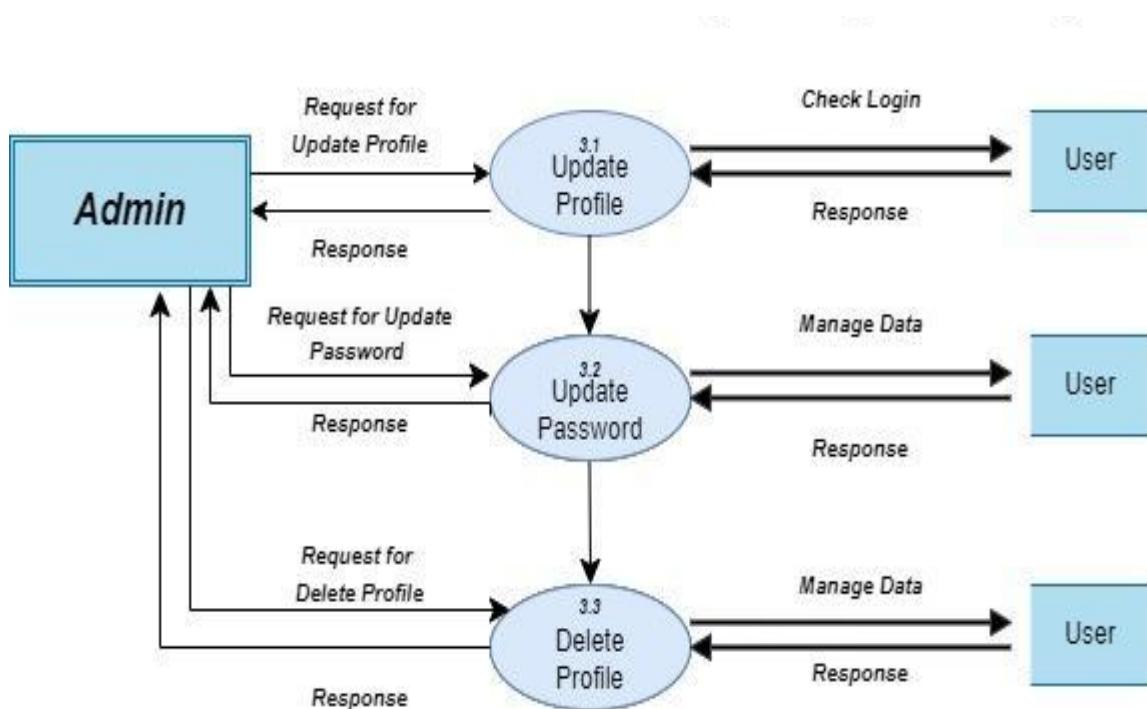
## 2 Level DFD for Admin (Registration)



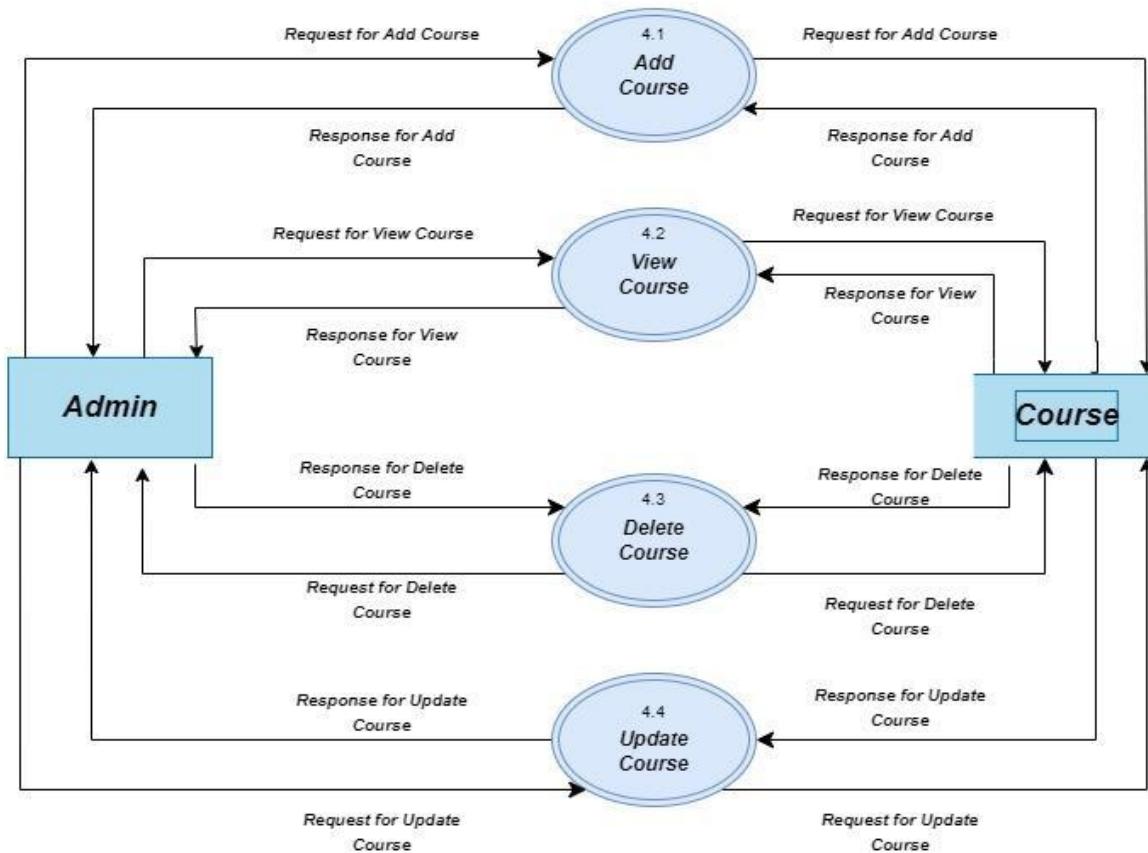
## 2 Level DFD for Admin (Login)



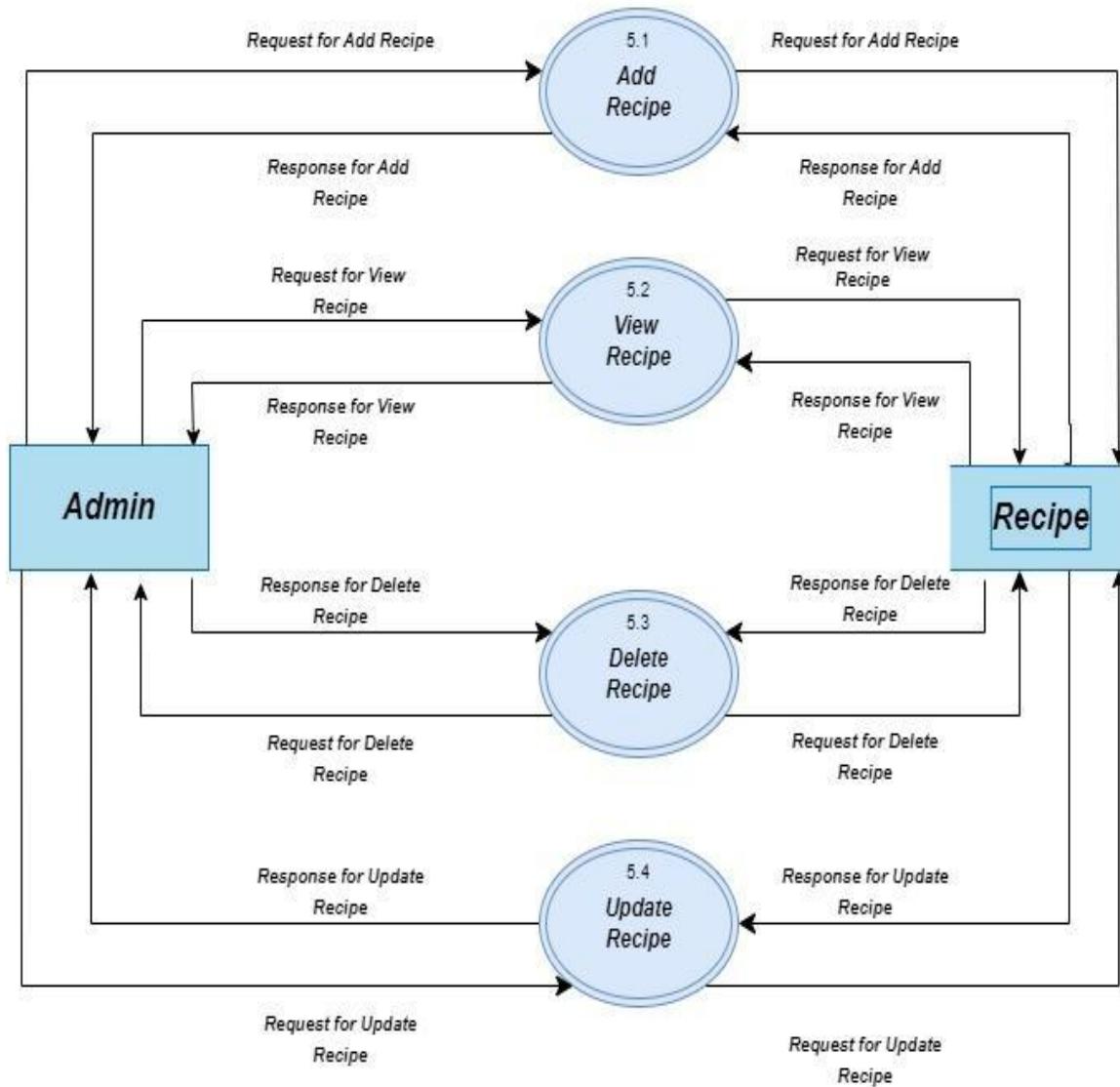
## 2 Level DFD for Admin(Manage Profile)



## 2 Level DFD for Admin(Manage Course)



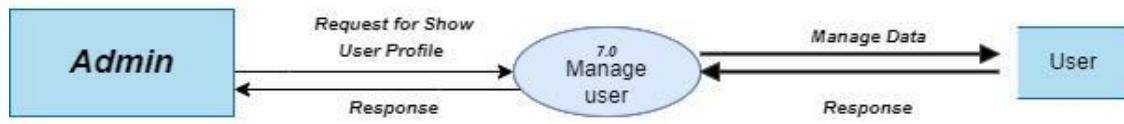
## 2 Level DFD for Admin(Manage Recipe)



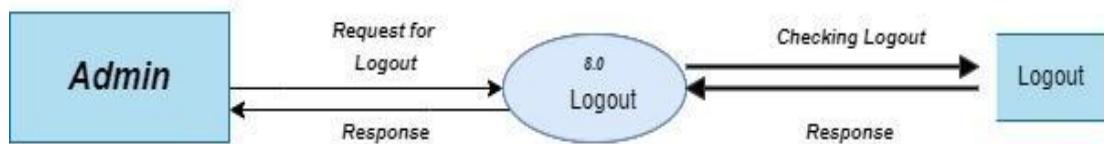
## 2 Level DFD for Admin(Contact)



## 2 Level DFD for Admin(User profile)

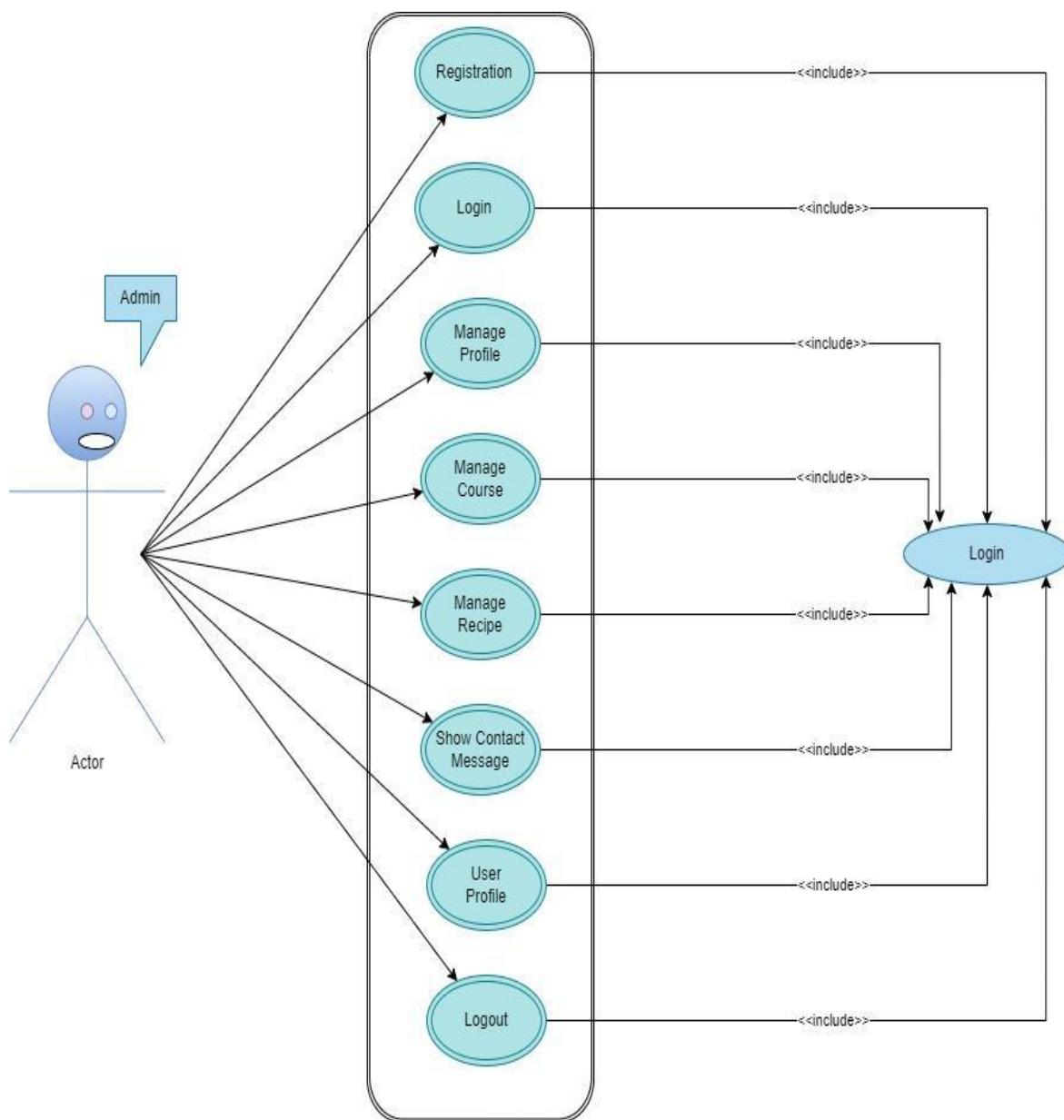


## 2 Level DFD for Admin(Logout)

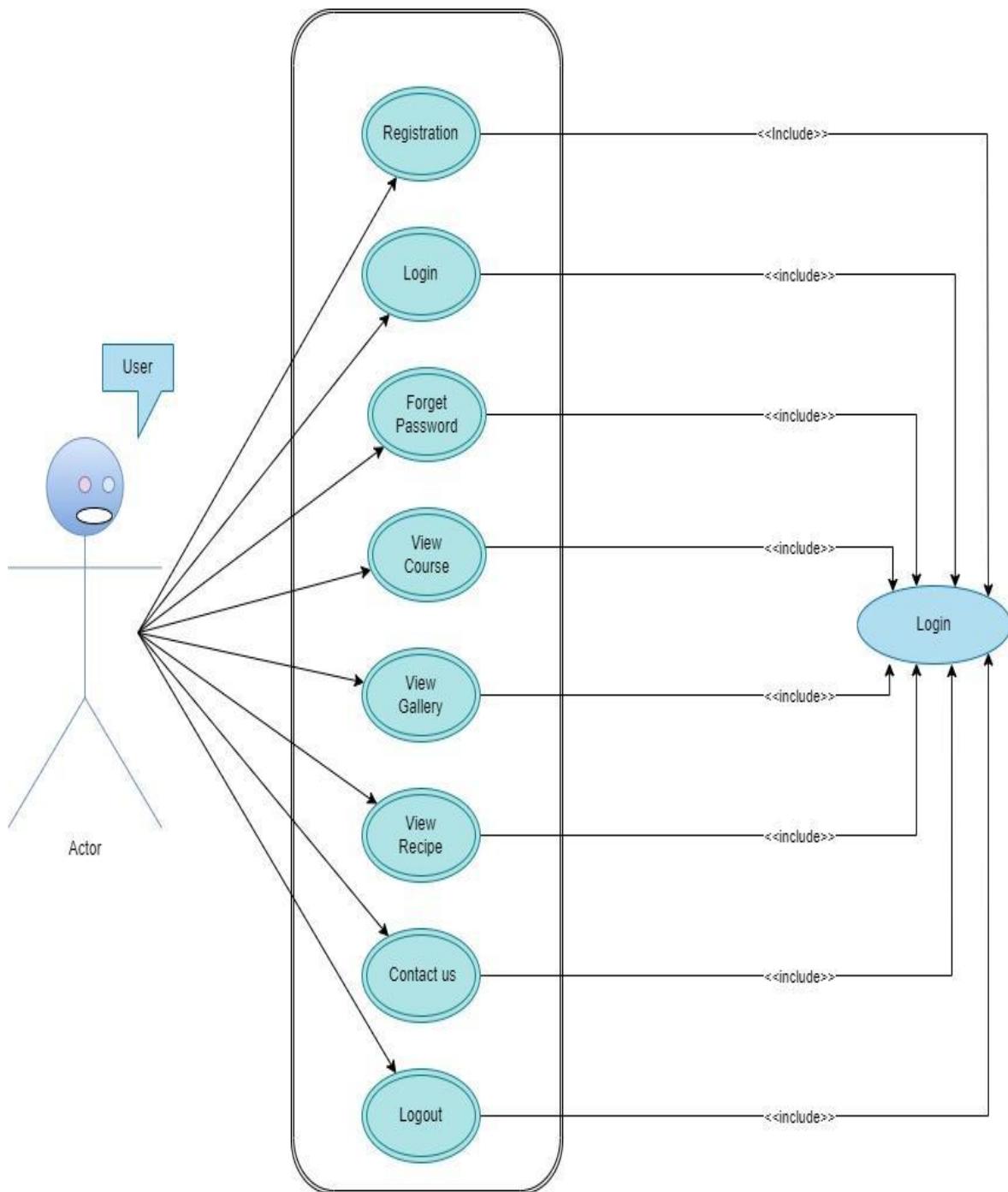


## 3.2 Use Case Diagram

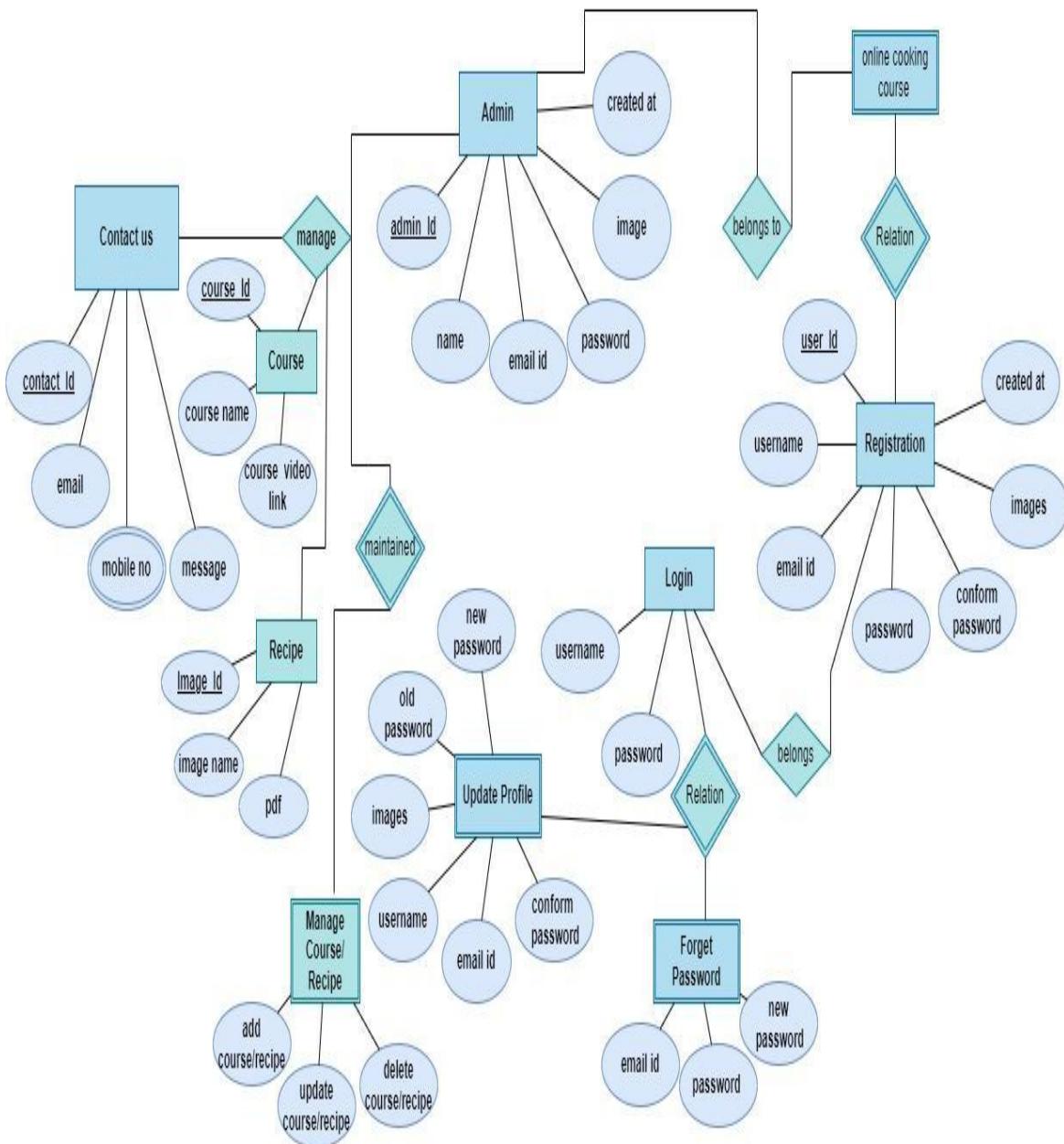
### 3.2.1 Use Case Diagram Admin



### 3.2.2 Use Case Diagram Users



### 3.3 ER Diagram



## 3.4 Database Design

### 1. Table Name-Admin

Fields	Data type	Constraints	Null/Not Null	Description
<b>id</b>	Int	Primary Key	Not Null	Id is auto increment
<b>Name</b>	Varchar		Not Null	To store Admin-Name
<b>Email</b>	Varchar		Not Null	To store Admin-Email
<b>Password</b>	Varchar		Not Null	To store Admin password
<b>Images</b>	Varchar		Not Null	To store admin images
<b>Created_at</b>	datetime		Null	To store admin register time

## 2. Table Name-Recipe

Fields	Data type	Constraints	Null/Not Null	Description
<b>ID</b>	Int	Primary Key	Not Null	Id is auto increment
<b>name</b>	Varchar		Not Null	To store images Recipe name
<b>image</b>	text		Not Null	To store Recipe image
<b>pdf</b>	Varchar		Not Null	To store recipe pdf
<b>Created_at</b>	Datetime		Null	To store recipe image add time

### 3. Table Name-messages

Fields	Data type	Constraints	Null/Not Null	Description
<b>id</b>	Int	Primary Key	Not Null	Message id auto increment
<b>name</b>	Varchar		Not Null	To store name
<b>email</b>	varchar		Not Null	To store email
<b>number</b>	varchar		Not Null	To store mobile no.
<b>message</b>	varchar		Not Null	To store message

#### **4. Table Name-user\_info**

Fields	Data type	Constraints	Null/Not Null	Description
<b>id</b>	Int	Primary Key	Not Null	User id is autoincrement
<b>name</b>	Varchar		Not Null	To store user Name
<b>email</b>	varchar		Not Null	To store email
<b>password</b>	Varchar		Not Null	To store user password
<b>images</b>	Varchar		Not Null	To store images
<b>Created_at</b>	datetime		Null	To store user login time

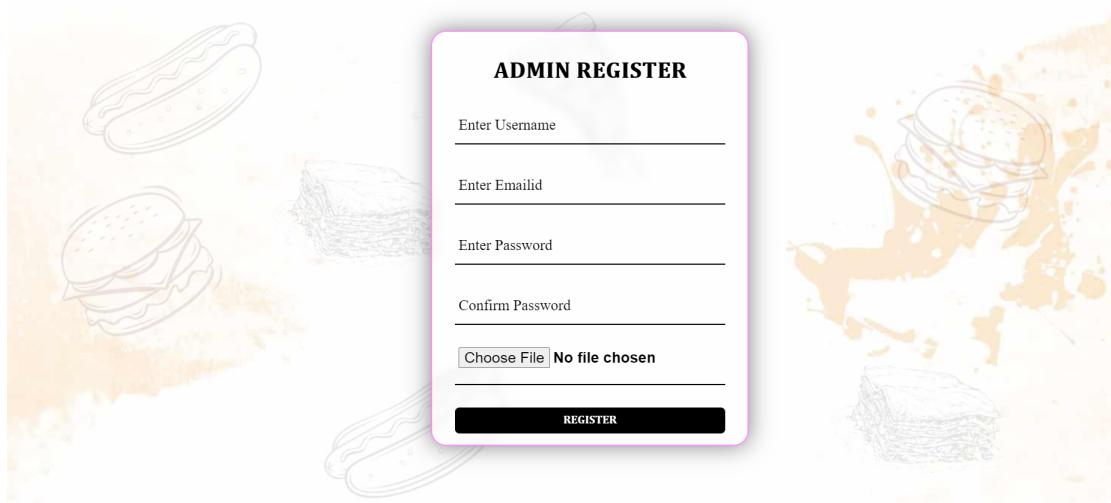
## 5. Table Name-video

Fields	Data type	Constraints	Null/Not Null	Description
<b>id</b>	Int	Primary Key	Not Null	video id is auto increment
<b>name</b>	varchar		Not Null	To store video name
<b>video</b>	varchar		Not Null	To store Course id
<b>Created_at</b>	Datetime		Null	To store video add time

## 3.5 User Interface

### 3.5.1 Admin side

#### Admin Registration :



**ADMIN REGISTER**

Enter Username

Enter Emailid

Enter Password

Confirm Password

No file chosen

#### Admin Login :

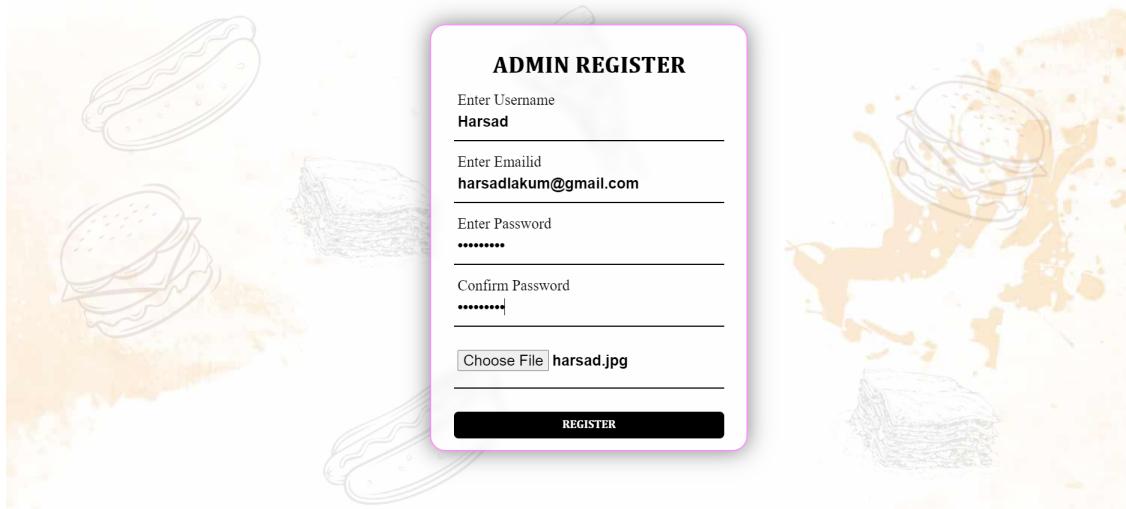


**ADMIN LOGIN**

Emailid

Password

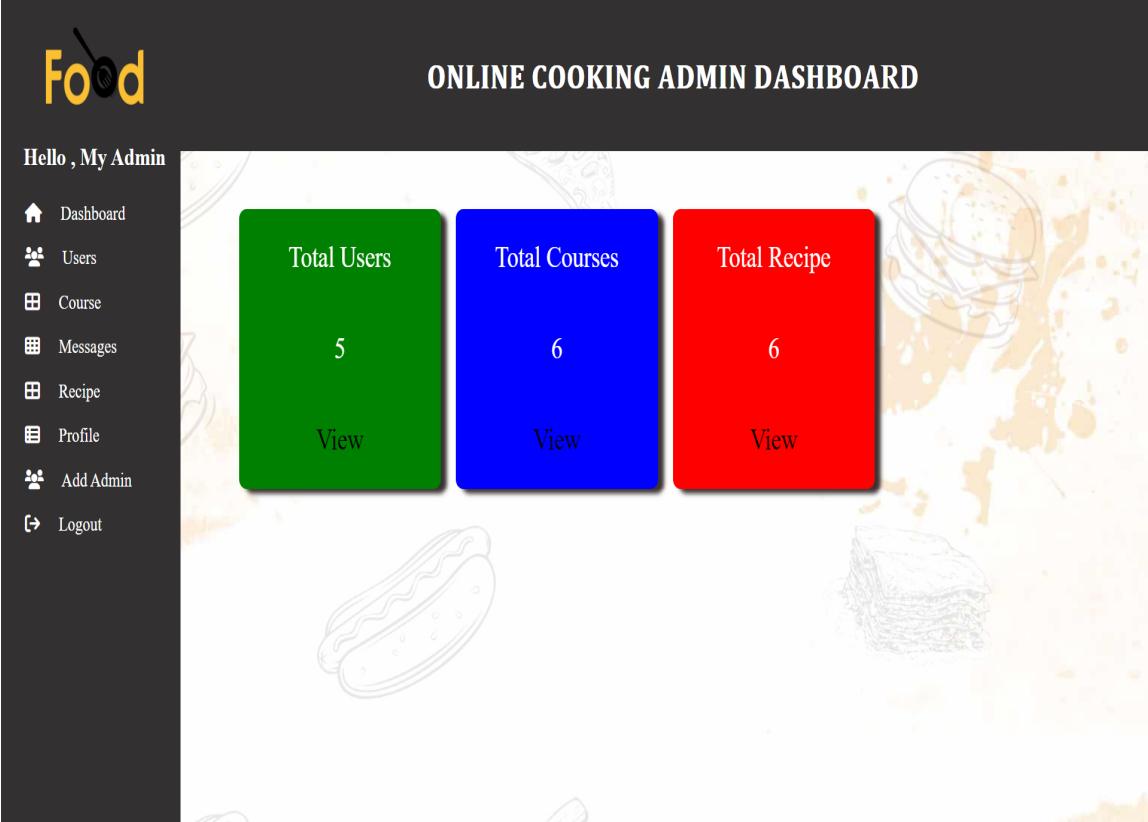
### Add Admin Registration :



### Admin Add Login :



### Admin Dashboard :



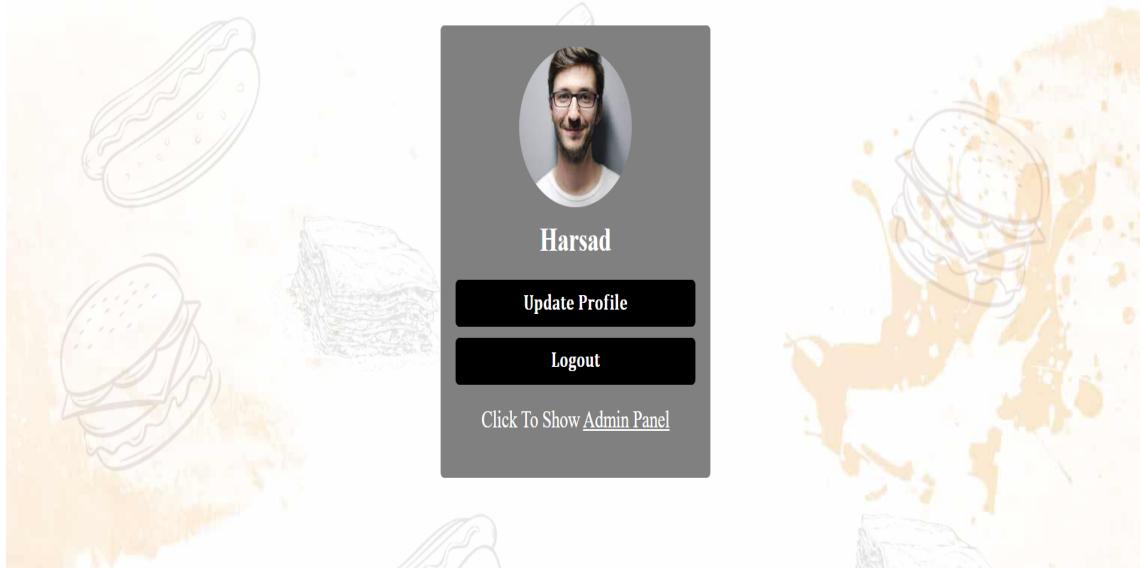
**ONLINE COOKING ADMIN DASHBOARD**

Hello , My Admin

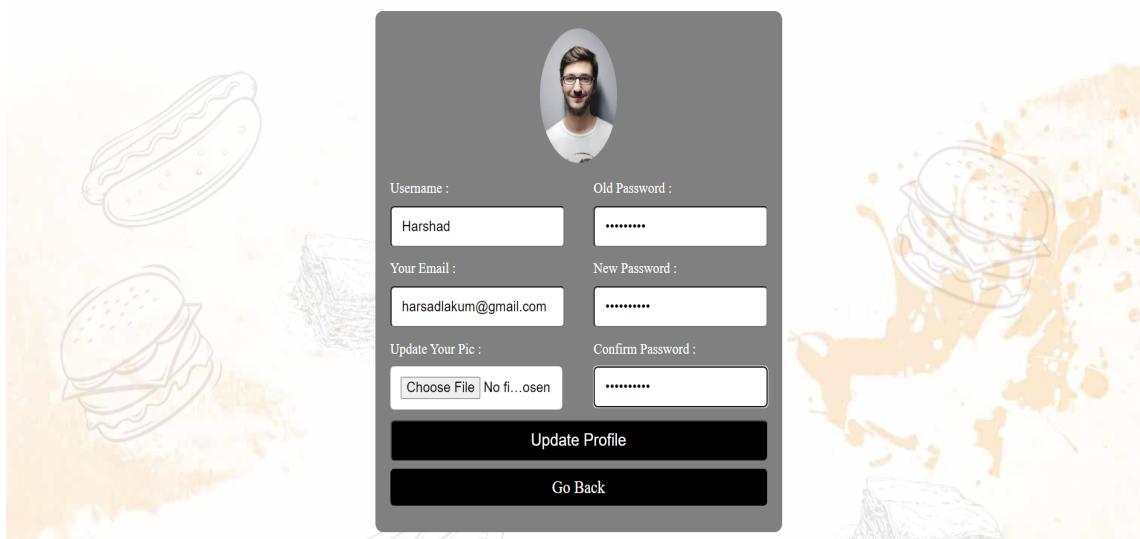
- Dashboard
- Users
- Course
- Messages
- Recipe
- Profile
- Add Admin
- Logout

Total Users	Total Courses	Total Recipe
5	6	6
<a href="#">View</a>	<a href="#">View</a>	<a href="#">View</a>

### **View Admin Profile :**



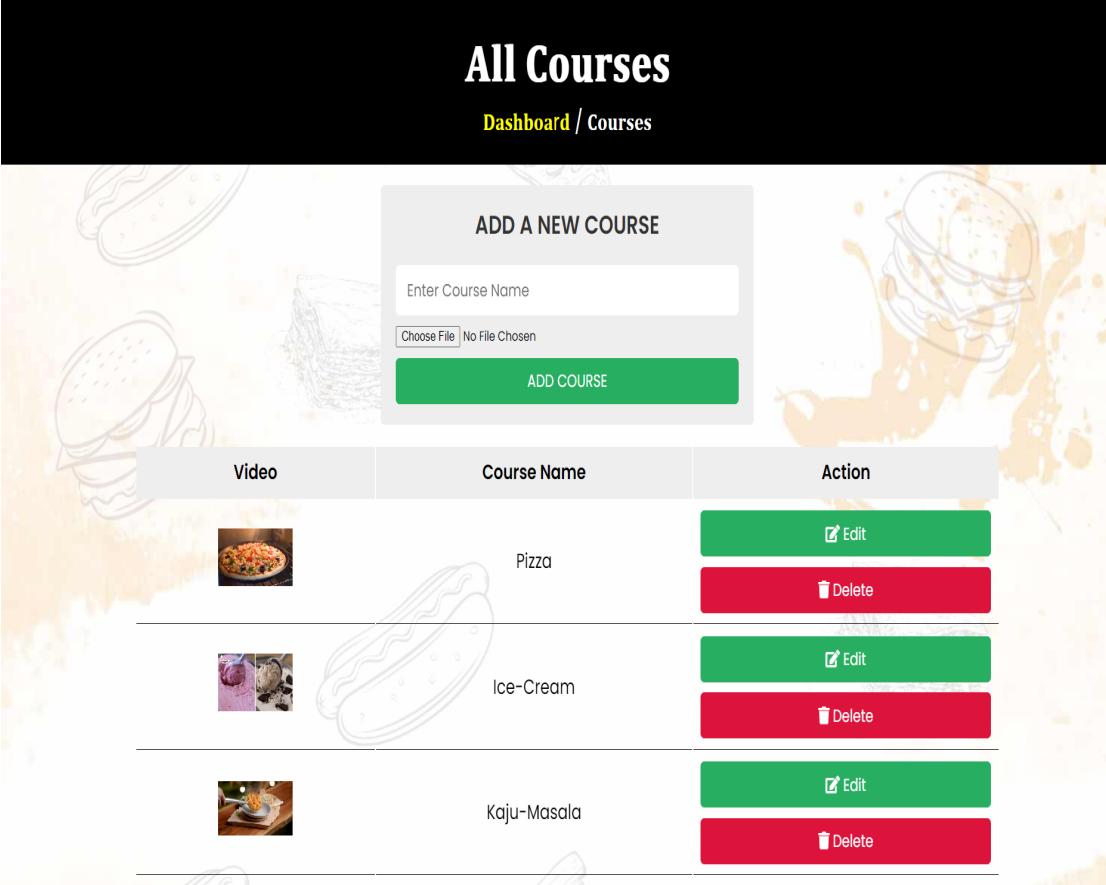
### **Update Admin Profile :**



**Admin Manage User:**

All Users					
<a href="#">Dashboard</a>	<a href="#">Users</a>				
<b>Id</b>	<b>Name</b>	<b>Email</b>	<b>Password</b>	<b>Image</b>	<b>Action</b>
1	Rock	Rock@gmail.com	9a1f30943126974075dbd4d13c8018ac		<a href="#">Delete</a>
2	Virat Kohli	virat@gmail.com	5a39fe36ce9aa092ffe8faa0eaedd5da		<a href="#">Delete</a>
3	Ema Watson	ema@gmail.com	93bdb73b49e88b5ce23da0509dalb8ac		<a href="#">Delete</a>
4	messi	messi@gmail.com	1463ccd2104eeb36769180b8a0c86bb6		<a href="#">Delete</a>
5	Ketty perry	perry@gmail.com	590b659f79aad9e9c48852ccb73c41c1		<a href="#">Delete</a>

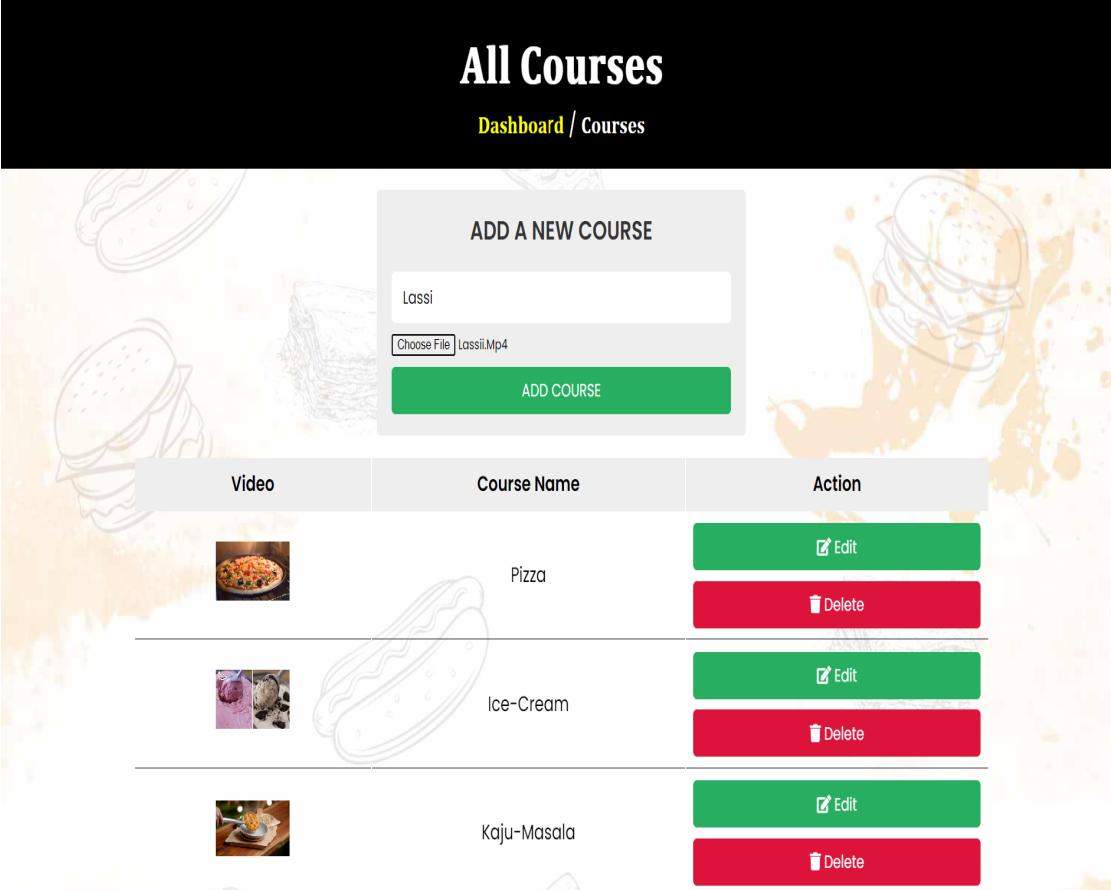
**Admin Manage Course Page :**



The screenshot shows a web application interface for managing cooking courses. At the top, a black header bar displays the title "All Courses" in white, followed by a breadcrumb navigation "Dashboard / Courses". Below the header is a modal window titled "ADD A NEW COURSE" containing fields for "Enter Course Name" and "Choose File" (with "No file Chosen" selected), and a green "ADD COURSE" button.

Video	Course Name	Action
	Pizza	<button>Edit</button> <button>Delete</button>
	Ice-Cream	<button>Edit</button> <button>Delete</button>
	Kaju-Masala	<button>Edit</button> <button>Delete</button>

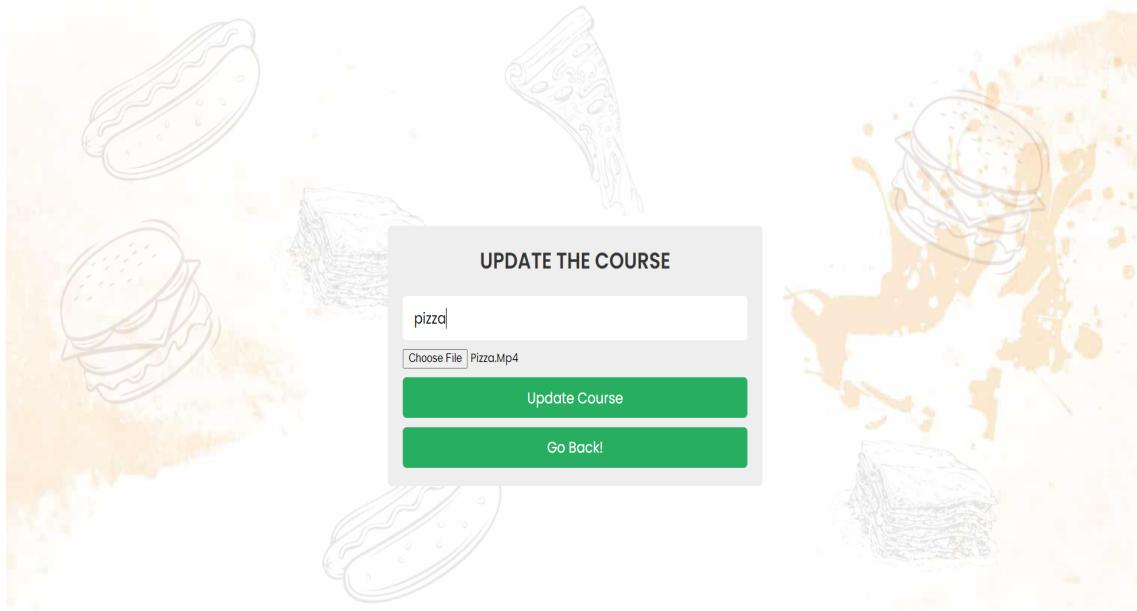
**Admin Manage Add Course Page :**



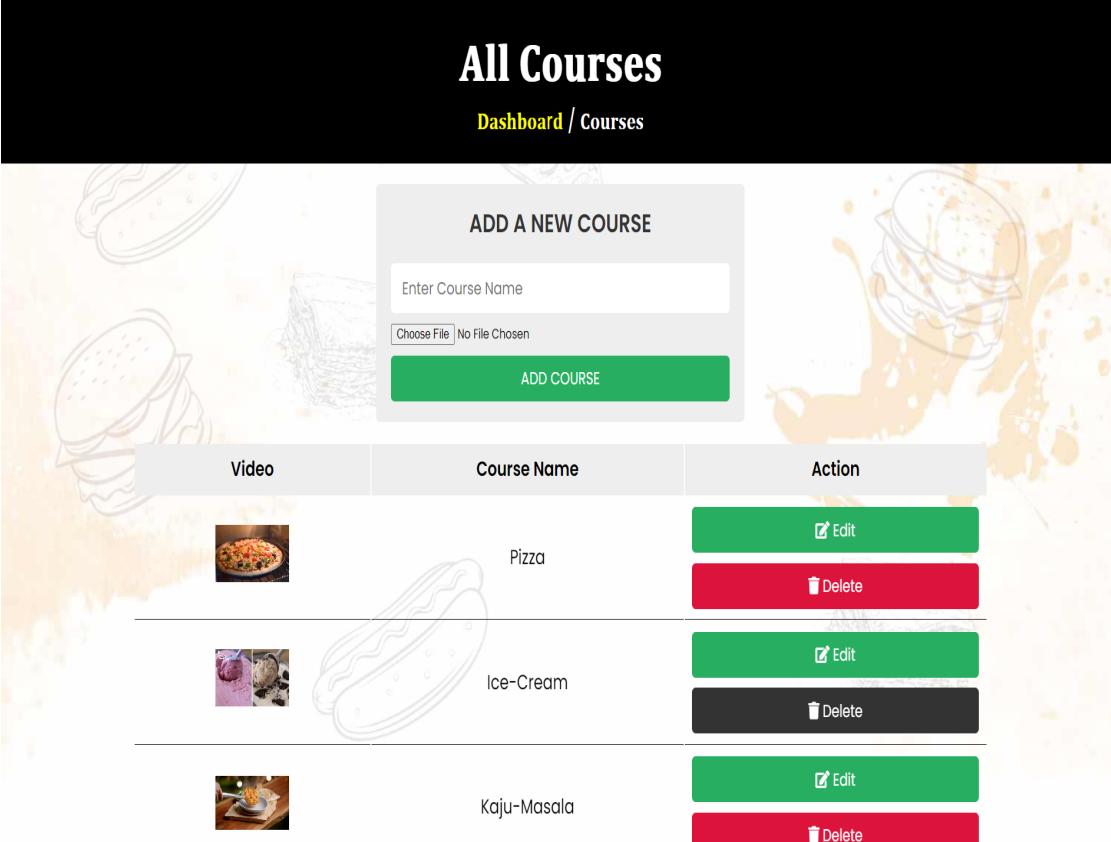
The screenshot shows a web application interface for managing cooking courses. At the top, a black header bar displays the title "All Courses" in large white font, followed by "Dashboard / Courses" in smaller white font. Below the header is a form titled "ADD A NEW COURSE" with fields for "Course Name" (containing "Lassi") and a file upload input ("Choose File Lassi.Mp4"). A green "ADD COURSE" button is at the bottom of this form. The main content area is a table with three columns: "Video", "Course Name", and "Action". The table contains three rows of data:

Video	Course Name	Action
	Pizza	<button>Edit</button> <button>Delete</button>
	Ice-Cream	<button>Edit</button> <button>Delete</button>
	Kaju-Masala	<button>Edit</button> <button>Delete</button>

**Admin Manage Update Course Page :**



**Admin Manage Delete Course Page :**



The screenshot shows a web application interface for managing cooking courses. At the top, a black header bar displays the title "All Courses" and the navigation path "Dashboard / Courses". Below the header is a modal window titled "ADD A NEW COURSE" containing fields for "Enter Course Name" and "Choose File" (No File Chosen), with a green "ADD COURSE" button. The main content area features a table with three rows of course data. The columns are "Video" (with thumbnail images), "Course Name", and "Action" (with green "Edit" and red "Delete" buttons). The courses listed are Pizza, Ice-Cream, and Kaju-Masala.

Video	Course Name	Action
	Pizza	<button> Edit</button> <button> Delete</button>
	Ice-Cream	<button> Edit</button> <button> Delete</button>
	Kaju-Masala	<button> Edit</button> <button> Delete</button>

**Admin Manage Message Page :**
**All Messages**
[Dashboard](#) /Messages

<b>ID</b>	<b>Name</b>	<b>Email</b>	<b>Number</b>	<b>Message</b>	<b>Action</b>
1	Rock	Rock@gmail.com	9876534520	great choice food course learn	<a href="#">Delete</a>
2	Virat Kohli	virat@gmail.com	8967452398	that expirience choice	<a href="#">Delete</a>
3	Harshad	harsadlakum@gmail.com	9878978657	food learning and great recipe	<a href="#">Delete</a>
4	perry	perry@gmail.com	6787606547	New things and great chef cook food.	<a href="#">Delete</a>
5	Aayush	aayush@gmail.com	8979654739	Exepirience and many choice food learning a great qualite video and recipe book	<a href="#">Delete</a>
6	keval goti	keval@gmail.com	8979865098	Food learning and recipe great idea	<a href="#">Delete</a>
7	Tejas	tejas@gmail.com	7867854690	ordinary work get learn and cooking food	<a href="#">Delete</a>
8	Lione messi	messi@gmail.com	8789865645	Great course And Better Expirence .	<a href="#">Delete</a>

**Admin Manage Delete Message :**

**All Messages**

[Dashboard](#) / [Messages](#)

<b>Id</b>	<b>Name</b>	<b>Email</b>	<b>Number</b>	<b>Message</b>	<b>Action</b>
1	Rock	Rock@gmail.com	9876534520	great choice food course learn	<a href="#">Delete</a>
2	Virat Kohli	virat@gmail.com	8967452398	that expirence choice	<a href="#">Delete</a>
3	Harshad	harsadlakum@gmail.com	9878978657	food learning and great recipe	<a href="#">Delete</a>
4	perry	perry@gmail.com	6787606547	New things and great chef cook food.	<a href="#">Delete</a>
5	Aayush	aayush@gmail.com	8979654739	Exepirence and many choice food learning a great qualite video and recipe book	<a href="#">Delete</a>
6	keval goti	keval@gmail.com	8979865098	Food learning and recipe great idea	<a href="#">Delete</a>
7	Tejas	tejas@gmail.com	7867854690	ordinary work get learn and cooking food	<a href="#">Delete</a>
8	Lione messi	messi@gmail.com	8789865645	Great course And Better Expirence.	<a href="#">Delete</a>

**Admin Manage Recipe :**

**All Recipes**

Dashboard / Recipe

Images	Images Name	Recipes	Action
	Burger	 The Classic Burger Total 8 mins Yield Makes 8 servings	<a href="#" style="color: green; text-decoration: none;">Edit</a> <a href="#" style="color: red; text-decoration: none;">Delete</a>
	Cake		<a href="#" style="color: green; text-decoration: none;">Edit</a> <a href="#" style="color: red; text-decoration: none;">Delete</a>

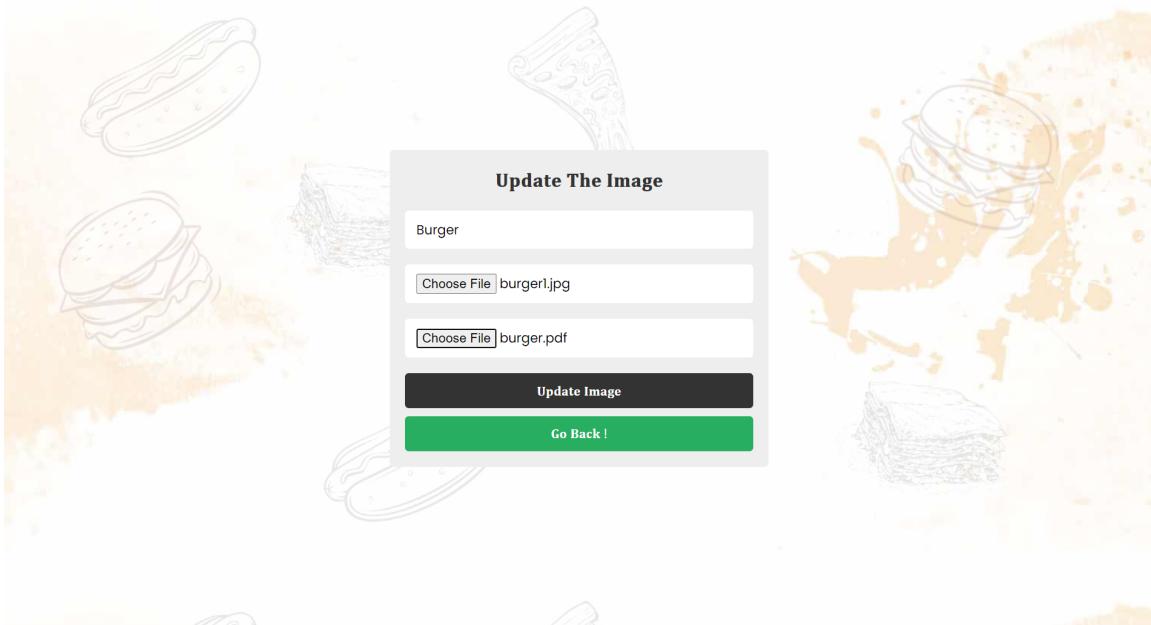
**Admin Manage Add Recipe :**

**All Recipes**

Dashboard / Recipe

Images	Images Name	Recipes	Action
	Burger <small>taco</small>	 <small>The Classic Burger</small> <small>Yield: 30 mins</small> <small>Yield: Makes 4 servings</small> <small>4 stars</small> <small>Get your teeth into a delicious restaurant-style hamburger recipe made from lean ground beef. This is a simple recipe that takes the extra time to craft an over-the-top, mouthwatering burger.</small>	<a href="#" style="background-color: green; color: white; padding: 5px 10px; border-radius: 5px;"><i>&gt;Edit</i></a> <a href="#" style="background-color: red; color: white; padding: 5px 10px; border-radius: 5px;"><i>Delete</i></a>
	Cake <small>taco</small>	 <small>Tortilla Chocolate Cake Recipe Card</small> <small>Yield: 12 mins</small> <small>Yield: Makes 12 servings</small> <small>4 stars</small> <small>Get your teeth into a delicious restaurant-style chocolate cake recipe made from scratch. This is a simple recipe that takes the extra time to craft an over-the-top, mouthwatering chocolate cake.</small>	<a href="#" style="background-color: green; color: white; padding: 5px 10px; border-radius: 5px;"><i>&gt;Edit</i></a> <a href="#" style="background-color: red; color: white; padding: 5px 10px; border-radius: 5px;"><i>Delete</i></a>

### Admin Manage Update Recipe :

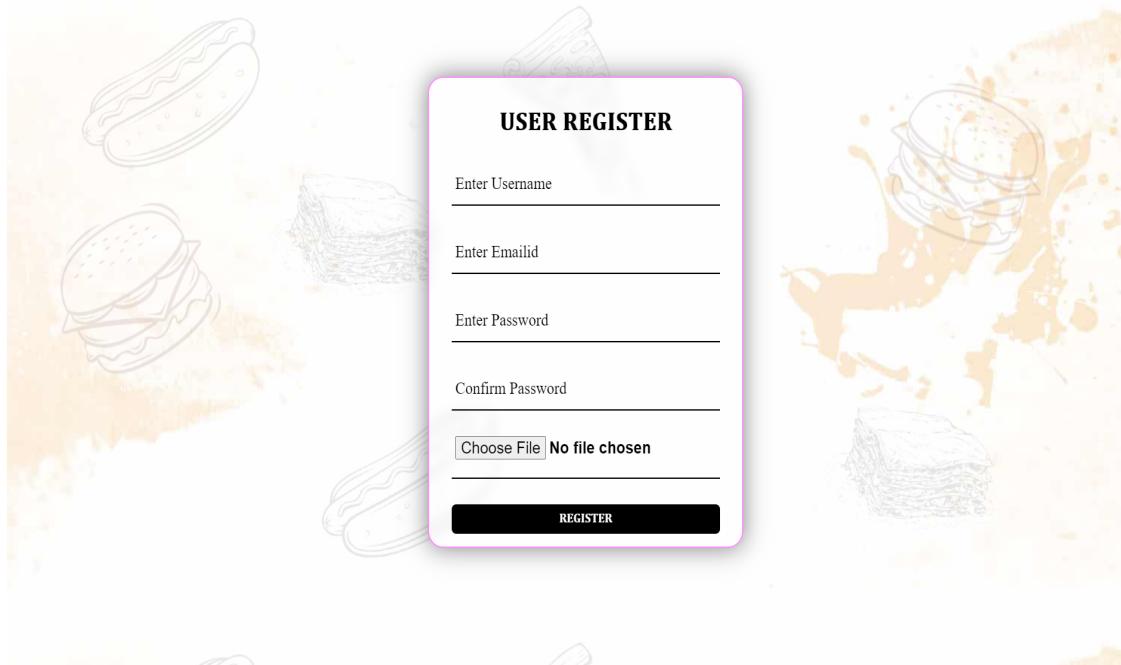


## Admin Manage Delete Recipe :

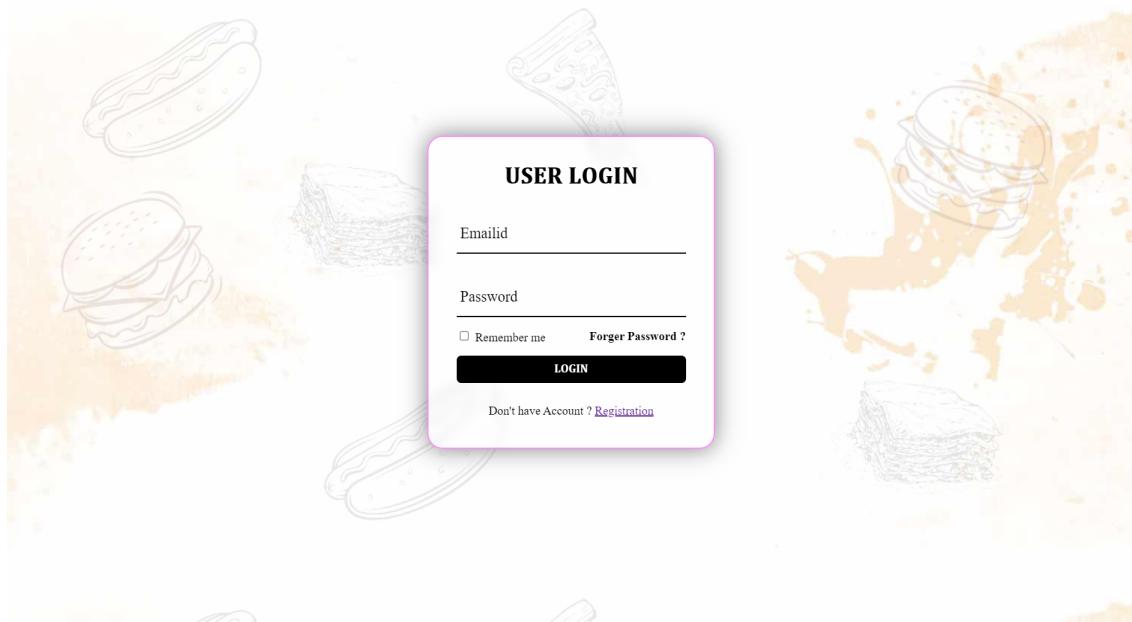
Images	Images Name	Recipes	Action
	Burger	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>The Classic Burger</b>                      Total: 30 mins                      5 reviews   100% Rating                      100% healthy &amp; organic                      style: Hamburger recipe makes from lean beef, cheese, lettuce, tomato, onion, pickles, the extra time to cook at your own, and that                 </div> </div>	<a href="#" style="color: green; border: 1px solid #ccc; padding: 5px 10px; margin-right: 10px;"><input checked="" type="checkbox"/> Edit</a> <a href="#" style="color: red; background-color: red; color: white; border: 1px solid #ccc; padding: 5px 10px;"> Delete</a>
	Cake	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>Chocolate Chai Coffee Mix</b>                      Total: 20 mins                      5 reviews   100% Rating                      100% healthy &amp; organic                 </div> </div>	<a href="#" style="color: green; border: 1px solid #ccc; padding: 5px 10px; margin-right: 10px;"><input checked="" type="checkbox"/> Edit</a> <a href="#" style="color: red; background-color: black; color: white; border: 1px solid #ccc; padding: 5px 10px;"> Delete</a>
	Chai	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>TEA &amp; SPICES</b>                      Total: 15 mins                      5 reviews   100% Rating                      100% healthy &amp; organic                 </div> </div>	<a href="#" style="color: green; border: 1px solid #ccc; padding: 5px 10px; margin-right: 10px;"><input checked="" type="checkbox"/> Edit</a> <a href="#" style="color: red; background-color: red; color: white; border: 1px solid #ccc; padding: 5px 10px;"> Delete</a>
	Chinese-Bhel	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>Chinese-Bhel</b>                      Total: 20 mins                      5 reviews   100% Rating                      100% healthy &amp; organic                 </div> </div>	<a href="#" style="color: green; border: 1px solid #ccc; padding: 5px 10px; margin-right: 10px;"><input checked="" type="checkbox"/> Edit</a> <a href="#" style="color: red; background-color: red; color: white; border: 1px solid #ccc; padding: 5px 10px;"> Delete</a>
	Cocktail	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>Easy Whiskey Sour</b>                      Total: 15 mins                      5 reviews   100% Rating                      100% healthy &amp; organic                 </div> </div>	<a href="#" style="color: green; border: 1px solid #ccc; padding: 5px 10px; margin-right: 10px;"><input checked="" type="checkbox"/> Edit</a> <a href="#" style="color: red; background-color: red; color: white; border: 1px solid #ccc; padding: 5px 10px;"> Delete</a>
	Tacos	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>Taco Recipe   Vegetarian Tacos</b>                      Total: 20 mins                      5 reviews   100% Rating                      100% healthy &amp; organic                 </div> </div>	<a href="#" style="color: green; border: 1px solid #ccc; padding: 5px 10px; margin-right: 10px;"><input checked="" type="checkbox"/> Edit</a> <a href="#" style="color: red; background-color: red; color: white; border: 1px solid #ccc; padding: 5px 10px;"> Delete</a>

### 3.5.2 Users side

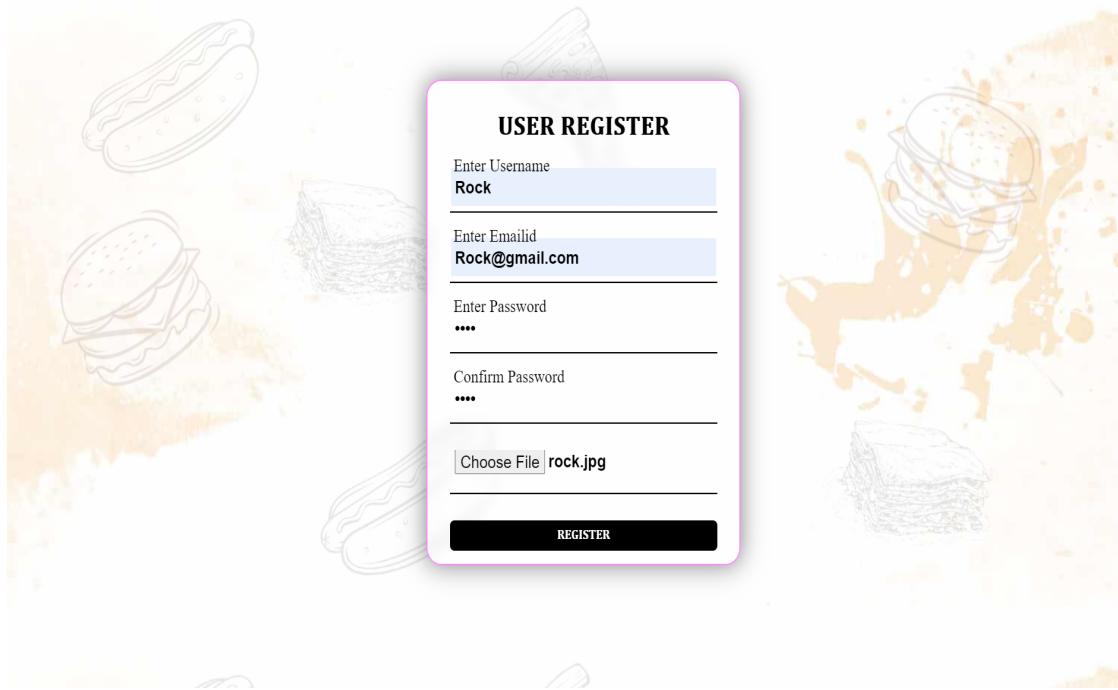
#### User Registration :



### User Login :



### User Add Registration Form :



**USER REGISTER**

Enter Username  
**Rock**

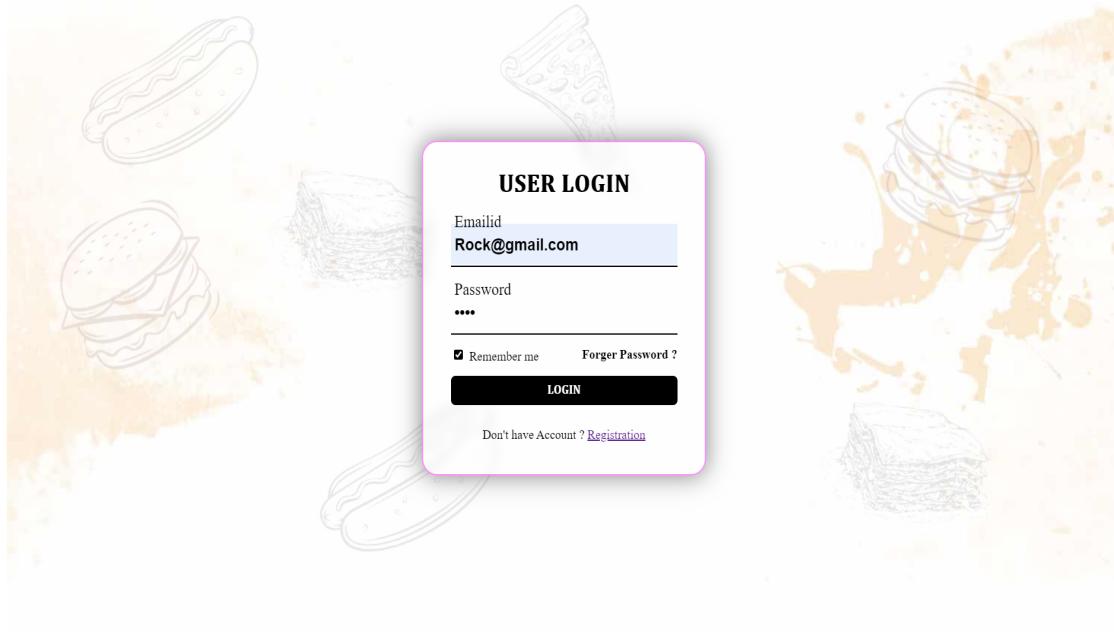
Enter Emailid  
**Rock@gmail.com**

Enter Password  
\*\*\*\*

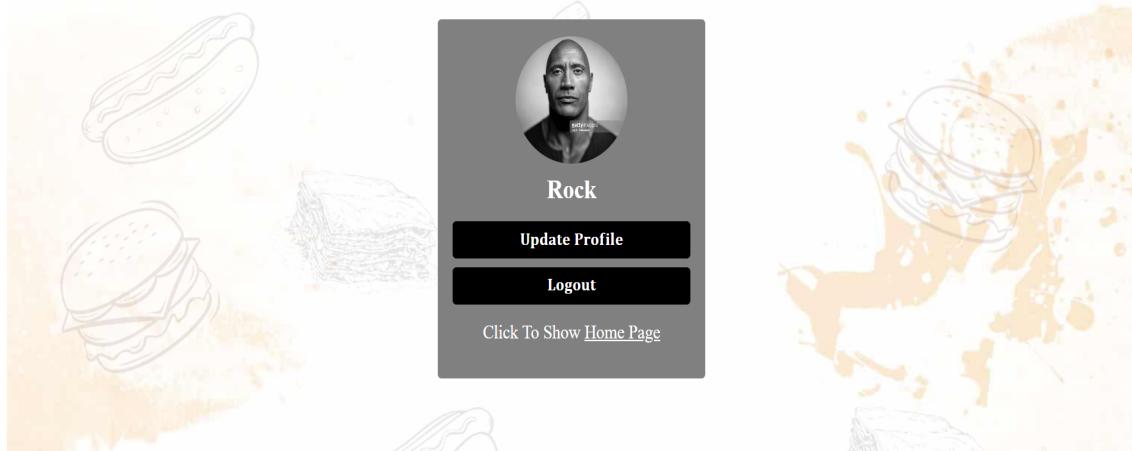
Confirm Password  
\*\*\*\*

**rock.jpg**

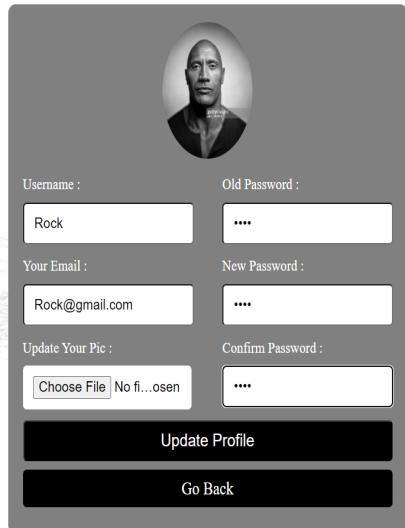
### User Add Login Form :



### User Profile :



### User Update Profile :



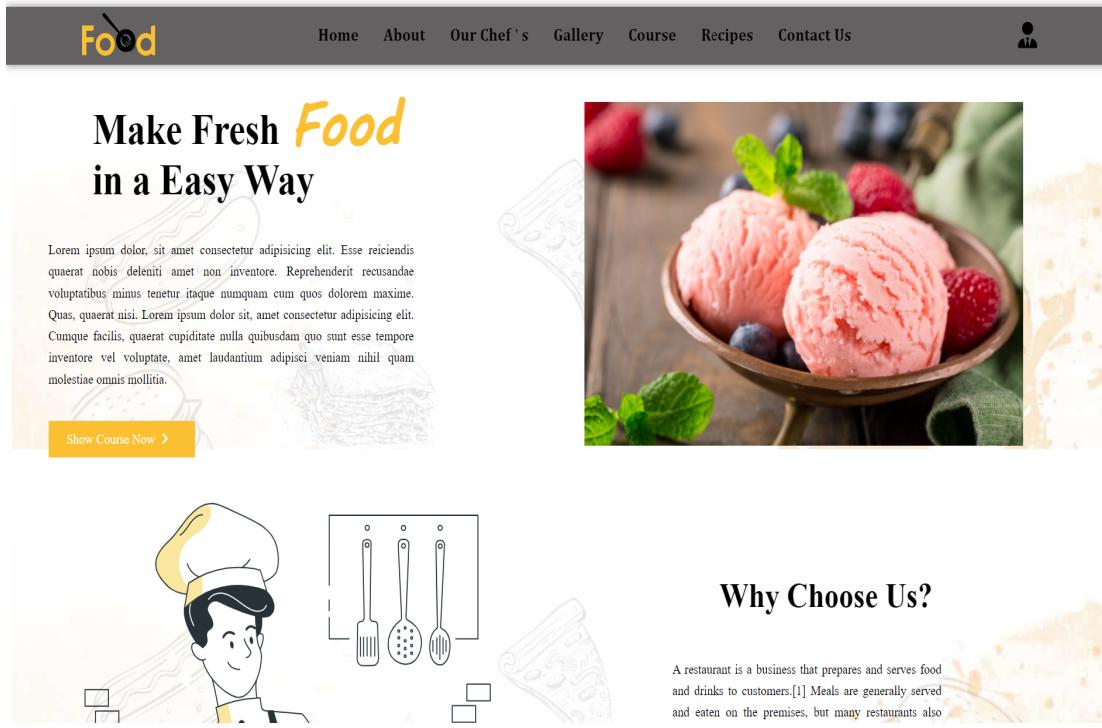
Username :  Old Password :

Your Email :  New Password :

Update Your Pic :  Confirm Password :

**Update Profile**

**Go Back**

**User Home Page :**

The screenshot shows a user interface for an online cooking course. At the top, there is a navigation bar with links: Home, About, Our Chef's, Gallery, Course, Recipes, Contact Us, and a profile icon. Below the navigation bar, the text "Make Fresh Food in a Easy Way" is displayed. To the left of this text is a yellow button labeled "Show Course Now". To the right is a large image of a bowl filled with pink ice cream scoops, raspberries, and blueberries, garnished with mint leaves. Below the main title, there is a paragraph of placeholder text (Lorem ipsum) and a cartoon illustration of a chef holding a rolling pin.

Make Fresh **Food**  
in a Easy Way

Home   About   Our Chef's   Gallery   Course   Recipes   Contact Us

Show Course Now

Why Choose Us?

A restaurant is a business that prepares and serves food and drinks to customers.<sup>[1]</sup> Meals are generally served and eaten on the premises, but many restaurants also



**Food**

- Home
- About
- Our Chef's
- Gallery
- Course
- Recipes
- Contact Us

**Why Choose Us?**

A restaurant is a business that prepares and serves food and drinks to customers.<sup>[1]</sup> Meals are generally served and eaten on the premises, but many restaurants also offer take-out and food delivery services. Restaurants vary greatly in appearance and offerings, including a wide variety of cuisines and service models ranging from inexpensive fast-food restaurants and cafeterias to mid-priced family restaurants, to high-priced luxury establishments.

Show Course Now >

## Our Chef's Team



**Food**

- Home
- About
- Our Chef's
- Gallery
- Course
- Recipes
- Contact Us

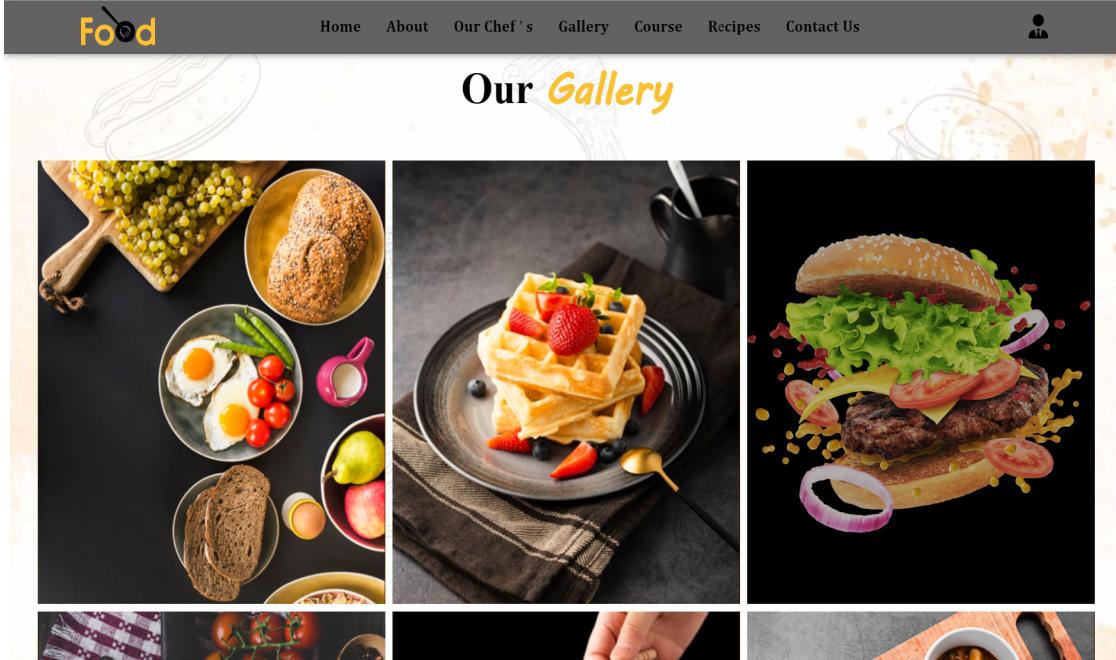
**Our Chef's Team**



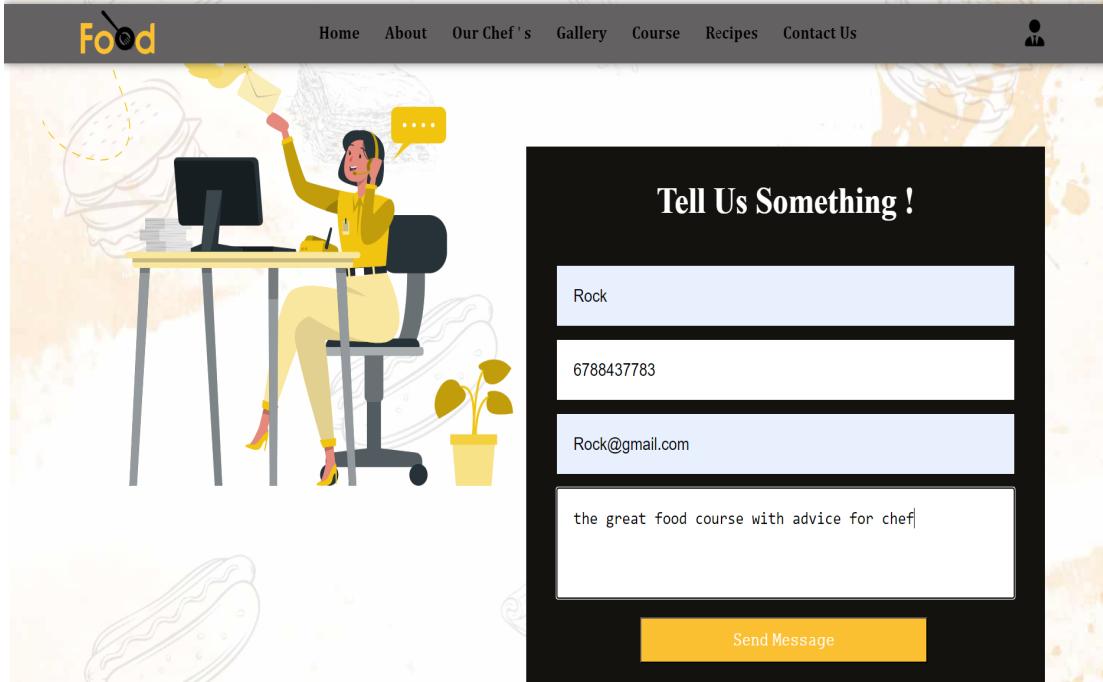








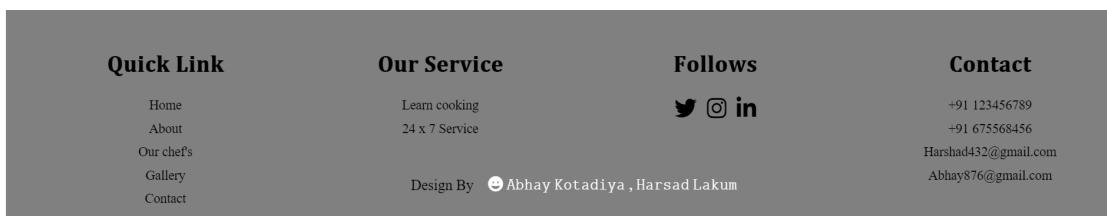
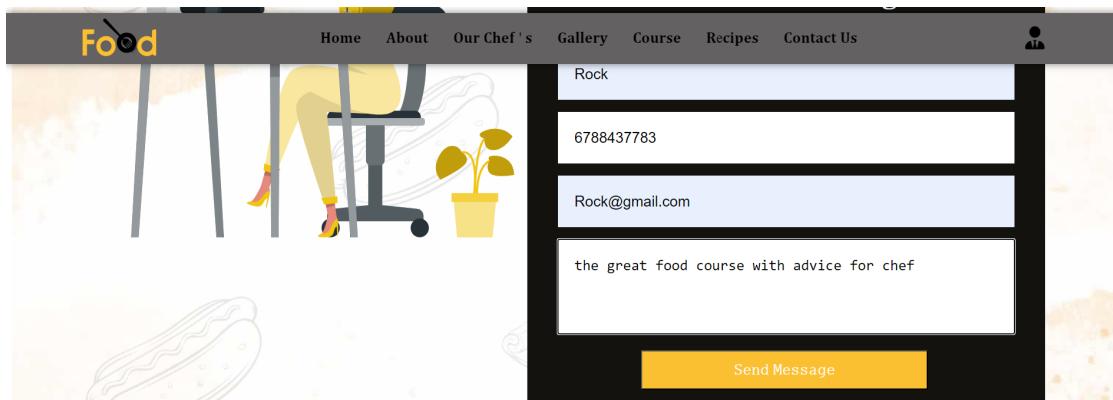
The page features a dark header with the word "Food" in yellow. Below the header is a grid of food images. The top row contains three images: a breakfast spread with eggs, bread, and fruit; a stack of waffles topped with berries; and a large, juicy burger. The bottom row shows a hand holding a small bowl and a close-up of a bowl of soup.



The page has a dark header with the word "Food". The main content area features a cartoon illustration of a woman sitting at a desk, waving and holding an envelope, with a speech bubble above her. To the right is a black form titled "Tell Us Something !". The form fields contain the following information:

Rock
6788437783
Rock@gmail.com
the great food course with advice for chef

A yellow "Send Message" button is at the bottom of the form.



**Quick Link**

- Home
- About
- Our chef's
- Gallery
- Contact

**Our Service**

- Learn cooking
- 24 x 7 Service

Design By  Abhay Kotadiya , Harsad Lakum

**Follows**

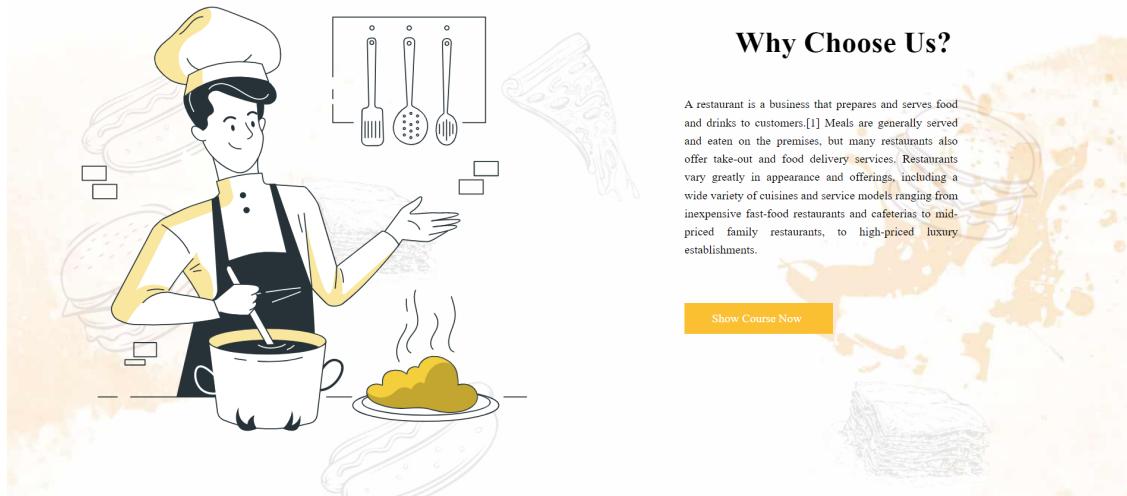
**Contact**

- +91 123456789
- +91 675568456
- Harshad432@gmail.com
- Abhay876@gmail.com

### User About Page :

#### About Us

[Home](#) / [About](#)



#### Why Choose Us?

A restaurant is a business that prepares and serves food and drinks to customers.<sup>[1]</sup> Meals are generally served and eaten on the premises, but many restaurants also offer take-out and food delivery services. Restaurants vary greatly in appearance and offerings, including a wide variety of cuisines and service models ranging from inexpensive fast-food restaurants and cafeterias to mid-priced family restaurants, to high-priced luxury establishments.

[Show Course Now](#)

User Our Chef 's Page :

**Our Chef ' s**

[Home](#) / [Chef ' s Tems](#)



User Gallery Page :

**Our Gallery**

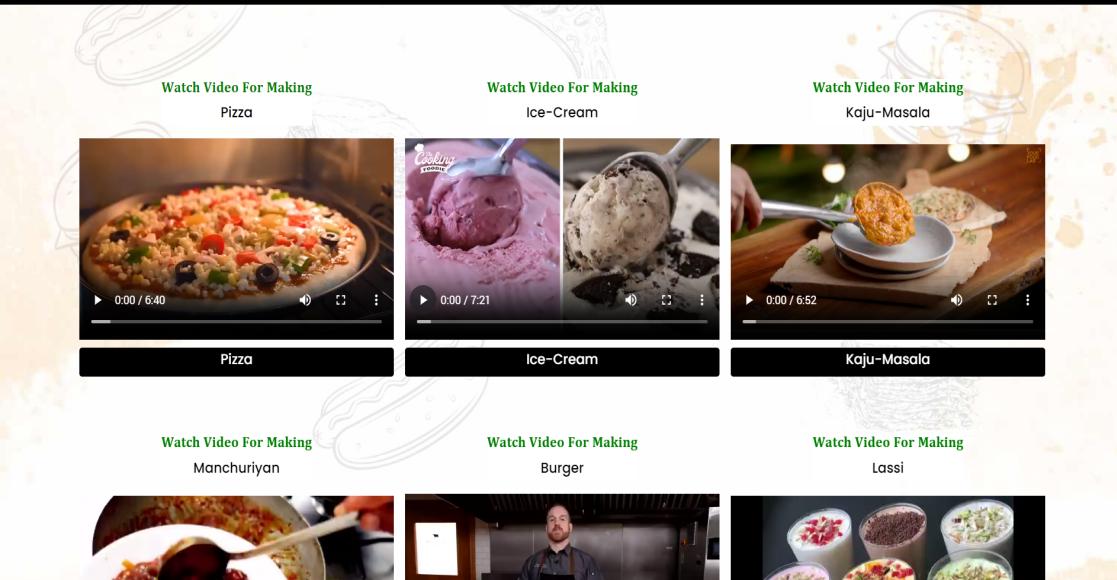
[Home](#) / [Gallery](#)



### User Course Page :

## All Courses

[Home](#) / Course



The page displays six course options, each with a thumbnail image, a title, and a video player showing the duration and controls.

- Pizza**: Watch Video For Making. Duration: 0:00 / 6:40. Image shows a pizza being cooked in an oven.
- Ice-Cream**: Watch Video For Making. Duration: 0:00 / 7:21. Image shows two scoops of ice cream.
- Kaju-Masala**: Watch Video For Making. Duration: 0:00 / 6:52. Image shows a spoonful of Kaju-Masala being served.
- Manchuriyan**: Watch Video For Making. Duration: 0:00 / 6:40. Image shows a bowl of Manchuriyan being stirred.
- Burger**: Watch Video For Making. Duration: 0:00 / 6:40. Image shows a chef in a kitchen.
- Lassi**: Watch Video For Making. Duration: 0:00 / 6:40. Image shows several glasses of Lassi garnished with fruits.

User Recipe Page :

**All Recipes**

[Home](#) / Recipe



Burger



Cake



Chai



Chinese-Bhel

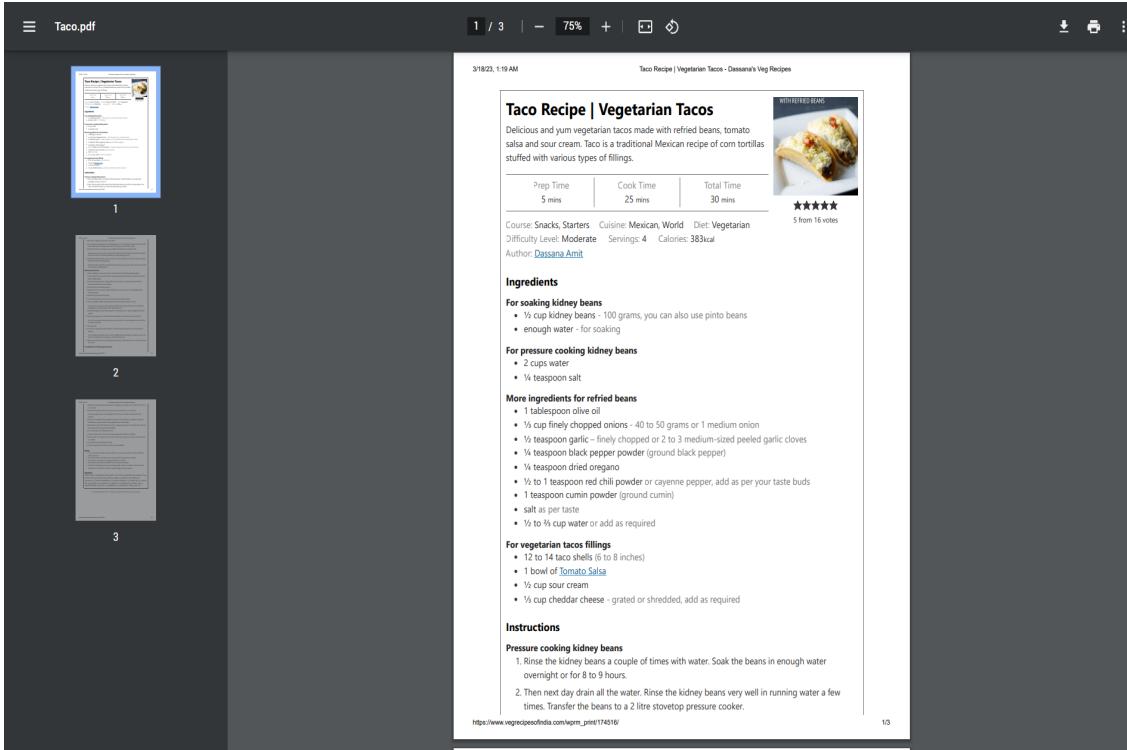


Cocktail



Tacos

## User Recipe Page(PDF) :



**Taco Recipe | Vegetarian Tacos**

Delicious and yum vegetarian tacos made with refried beans, tomato salsa and sour cream. Taco is a traditional Mexican recipe of corn tortillas stuffed with various types of fillings.

Prep Time	Cook Time	Total Time
5 mins	25 mins	30 mins

**Ingredients**

**For soaking kidney beans**

- ½ cup kidney beans - 100 grams, you can also use pinto beans
- enough water - for soaking

**For pressure cooking kidney beans**

- 2 cups water
- ¼ teaspoon salt

**More ingredients for refried beans**

- 1 tablespoon olive oil
- ½ cup finely chopped onions - 40 to 50 grams or 1 medium onion
- ½ teaspoon garlic - finely chopped or 2 to 3 medium-sized peeled garlic cloves
- ¼ teaspoon black pepper powder (ground black pepper)
- ¼ teaspoon dried oregano
- ½ to 1 teaspoon red chilli powder or cayenne pepper, add as per your taste buds
- 1 teaspoon cumin powder (ground cumin)
- salt as per taste
- ½ to ¾ cup water or add as required

**For vegetarian tacos fillings**

- 12 to 14 taco shells (6 to 8 inches)
- 1 bowl of Tomato Salsa
- ½ cup sour cream
- ½ cup cheddar cheese - grated or shredded, add as required

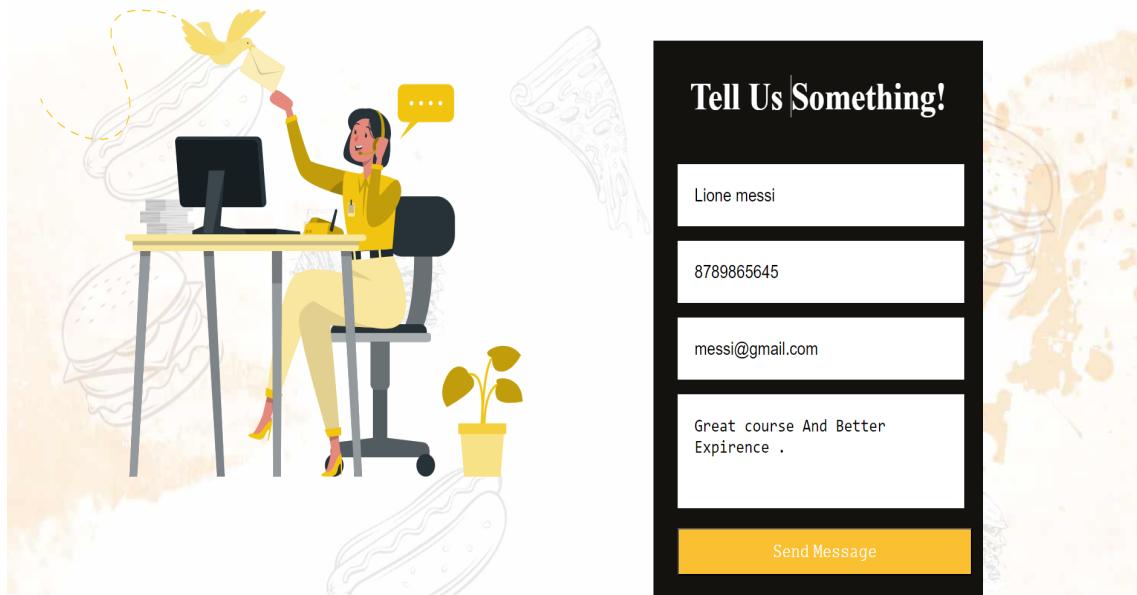
**Instructions**

**Pressure cooking kidney beans**

- Rinse the kidney beans a couple of times with water. Soak the beans in enough water overnight or for 8 to 9 hours.
- Then next day drain all the water. Rinse the kidney beans very well in running water a few times. Transfer the beans to a 2 litre stovetop pressure cooker.

[https://www.vegrecipesofindia.com/lepm\\_print/174016/](https://www.vegrecipesofindia.com/lepm_print/174016/)

**User Contact Page :**



**Tell Us Something!**

Lione messi  
8789865645  
messi@gmail.com  
Great course And Better Expirence .

**Send Message**

## 4. Testing

- Testing is the process of examining an application to ensure it fulfills the requirement for which it was designed and which it was designed and meets quality expectations.
- Testing accomplished a variety of things, but most importantly it measures the quality of websites you are developing. This view presupposes there are defects in your website waiting to be discovered and this view is rarely disproved or even disputed.

### Types of Testing

#### Unit Testing

- In the web based application the smallest testable unit is the Web page itself. So the web pages of the site are to be unit tested. Each web page contains content , navigational links, and processing elements (scripts, event handlers, etc.). The testing will be driven by the content processing , and links contained in the site.
- Using black box testing techniques web pages are tested unit by unit for whether they receive Input properly and give output in proper format or redirect to a specific web page. It is also tested that the error messages are properly displayed and give user-friendly information.

## Navigation Testing

- Navigation tests analyze how users navigate through your website or application, given a specific task or goal. The results help you hone critical user flows, and improve your information architecture.
- Running a navigation test is simple. You upload a series of screens to emulate a particular interaction flow, and at each step, highlight the parts of the interface which can be clicked to navigate to the next step in the sequence. We call these 'hitzones'.
- The user is presented with your interface and asked to complete a particular task. At each step, the position and timing of their clicks are recorded.

## Functional Testing

- Functional testing is a type of software testing that validates the software system against the functional requirements/specifications. The purpose of Functional tests is to test each function of the software application, by providing appropriate input, verifying the output against the Functional requirements.
- Functional testing mainly involves black box testing and it is not concerned about the source code of the application. This testing checks User Interface, APIs, Database, Security, Client/Server communication and other functionality of the application under test. The testing can be done either manually or using automation.

## Environment Testing

- Testing environments can be as simple or as complex as a test environment used to test content, theme, application changes, and the delivery environment performance.
- A single website might have multiple testing environments. Some testing environments focus on content and design integration, application and data integration, performance, and more. A web content test environment is a layer of validation before changes are sent to the live website. The test environment might be used to accumulate changes from your authoring environments before the changes are syndicated to the production delivery environment.

## 4.1 Unit Testing:

### Test Form: Admin

#### Test Case: 1

#### Test Form: Admin Login Form

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Email Id	Empty Or Wrong	Msg. 'Please fill out this field'	As Expected
2	Password	Empty	Msg. 'Please fill out this field'	As Expected
3	Email Id	Valid	Successful	As Expected
4	Password	valid	Successful	As Expected

**Test Case: 2**
**Test Form: Admin Form**

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Name	Empty	Msg. 'Please fill out this field'	As Expected
2	Email id	Empty	Msg. 'Please fill out this field' .	As Expected
3	Password	Empty	Msg. 'Please fill out this field'	As Expected
4	Image	Empty	Msg. 'Please fill out this field'	As Expected
5	Name	Inserted	Successful	As Expected
6	Email id	Inserted	Successful	As Expected
7	Password	Inserted	Successful	As Expected
8	Image	Inserted	Successful	As Expected

**Test Case: 3**
**Test Form: Admin Images**

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Name	Empty	Msg. 'Please fill out this field'	As Expected
2	Image	Empty	Msg. 'Please fill out this field' .	As Expected
3	PDF	Empty	Msg. 'Please fill out this field'	As Expected
4	Name	Inserted	Successful	As Expected
4	Image	Inserted	Successful	As Expected
5	Image	Inserted	Successful	As Expected

**Test Case: 4**
**Test Form: Admin video**

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Name	Empty	Msg. 'Please fill out this field'	As Expected
2	Video	Empty	Msg. 'Please fill out this field' .	As Expected
3	Name	Inserted	Successful	As Expected
4	Video	Inserted	Successful	As Expected

## Test Form: User

### Test Case: 5

#### Test Form: User Login Form

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Email Id	Empty Or Wrong	Msg. 'Please fill out this field'	As Expected
2	Password	Empty	Msg. 'Please fill out this field'	As Expected
3	Email Id	Valid	Successful	As Expected
4	Password	valid	Successful	As Expected

### Test Case: 6

#### Test Form: User Reset Password Form

Field	Input Value	Valid/Invalid	Output
<b>email_id</b>	Harsadlakum.yahoo	Invalid	INCORRECT EMAIL ID !
	abhay@gmail.com	Valid	
<b>Password</b>	G13a	Invalid	Incorrect password !
	abhay@123	Valid	
<b>Conform Password</b>	G13a	Invalid	Incorrect password !
	abhay@123	Valid	

**Test Case: 7**
**Test Form: User Registration Form**

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Name	Empty	Msg. 'Please fill out this field'	As Expected
2	Email id	Empty	Msg. 'Please fill out this field' .	As Expected
3	Password	Empty	Msg. 'Please fill out this field'	As Expected
4	Image	Empty	Msg. 'Please fill out this field'	As Expected
5	Name	Inserted	Successful	As Expected
6	Email id	Inserted	Successful	As Expected
7	Password	Inserted	Successful	As Expected
8	Image	Inserted	Successful	As Expected

**Test Case: 8**
**Test Form: Update Profile**

Field	Input Value	Valid/Invalid	Output
<b>username</b>	NULL, Incorrect username	Invalid	Fill out this username field
<b>email id</b>	NULL, Incorrect email id	Invalid	Fill out this Email Id field
<b>Old Password</b>	NULL, Incorrect old Password	Invalid	Enter the old password
<b>New Password</b>	NULL, Incorrect new Password	Invalid	Enter the new password
<b>Confirm password</b>	NULL, Incorrect confirm password	Invalid	Enter the confirm password
<b>Update pic</b>	NULL, Incorrect user_image	Invalid	Fill out this user_image field

**Test Case: 9**
**Test Form: User Message**

Test Id	Test field	Step Execute	Executed Result	Actual Result
1	Name	Empty	Msg. 'Please fill out this field'	As Expected
2	Email id	Empty	Msg. 'Please fill out this field' .	As Expected
3	Number	Empty	Msg. 'Please fill out this field'	As Expected
4	Message	Empty	Msg. 'Please fill out this field'	As Expected
5	Name	Inserted	Successful	As Expected
6	Email id	Inserted	Successful	As Expected
7	Number	Inserted	Successful	As Expected
8	Message	Inserted	Successful	As Expected

## 4.2 Navigation Testing:

### Admin

Link	Expected Page	Result Of Page
Admin Register	Admin Register page	Admin Register Page
Admin Login	Admin Login page	Admin Login Page
Admin Edit Profile	Admin Edit Profile Page	Admin Edit Profile Page
Admin Dashboard	Admin Dashboard Page	Admin Dashboard Page
Users	Users Page	Users Page
Course	Course page	Course page
Gallery	Gallery Page	Gallery Page
Messages	Messages Page	Messages Page
Profile	Profile page	Profile page
Logout	Logout page	Logout page

## Users

Link	Expected Page	Result Of Page
User Register	User Register page	User Register Page
User Login	User Login page	User Login Page
User Edit Profile	User Edit Profile Page	User Edit Profile Page
Home	Home Page	Home Page
About	About Page	About Page
Our chef's	Our chef's page	Our chef's page
Course	Course Page	Course Page
Recipe	Recipe Page	Recipe Page
Contact us	Contact us page	Contact us page

### **4.3 Functional Testing**

- The Login and Password validation process has been co-operated properly.
- Sending a Forgot Password through mails is working properly.
- Visibility of category wise video and recipe are working Properly.
- User registration is working Properly.
- Course video and recipe are managed properly.
- File Upload Images work properly
- All Pages Design is perfect.

### **4.4 Environment Testing**

- Firefox browser, Internet explorer and chrome consider testing for environment operability of software.
  - Web server – Apache/xampp
  - Database – MYSQL Server
  - OS – Windows 10
  - Browser – Firefox/Internet Explorer/Chrome

## 5. Conclusion

In conclusion, online cooking courses have become increasingly popular in recent years due to their convenience, affordability, and accessibility. They provide an opportunity for individuals to learn new cooking skills, experiment with different cuisines, and develop their culinary expertise from the comfort of their own homes.

In the future, online cooking courses are likely to become even more personalized, interactive, and community-based, with the integration of advanced technologies like AI and smart appliances. This will allow users to receive personalized feedback and recommendations, interact with other learners, and have a more immersive and engaging learning experience.

Online cooking courses provide a valuable resource for individuals who want to learn how to cook or improve their cooking skills. With the potential for further development and improvement, online cooking courses are likely to continue to grow in popularity and importance in the coming years.

## 6.Bibliography

### Website :-

- <https://www.foodnetwork.com/>
- <https://www.vegrecipesofindia.com/>
- <https://www.spendwithpennies.com/>