N.P. College Of Computer Studies and Management

PROJECT REPORT

ON

THE MAJESTIC MAHARAJA RESTAURANT

AS A PARTIAL REQUIREMENT FOR THE DEGREE

OF

BACHELOR OF COMPUTER APPLICATION

(B.C.A)

2024-2025

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Certificate

This to certify that

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Is a student of semester – VI Bachelor of Computer Application (B.C.A SEM-VI) during academic year 2021-22 in N.P College of Computer Studies And Management, Kadi

He developed project on

The Majestic Maharaja Restaurant

Using PHP as Front End and MY SQL as Back End at

NPCCSM Kadi.

The system is verified by us and found suitable for implementation at the Firm/Institute. During project work, He was sincere and regular.

Babubhai Aakodiya — **Project Coordinator**

Dr. Nirmesh B. Patel — **Head of Department**

ACKNOWLEDGEMENT

It is always a pleasure to remain the fine people in KSV University for their sincere guidance I received so much help from so many people. In the present world of succeed. Project is like a bridge between theoretical and practical working. With this willing I joined this project.

First of all, I thanks to my parent for giving encouragement, enthusiasm and invaluable assistance to me. Without all this, I might not be able to complete this project. I am feeling oblige in talking the opportunity to sincerely thanks to my worthy teacher Mr. Rajendra Patel sir moreover. I am highly obliged in talking the opportunity to sincerely thank to all the staff members of BCA department for their generous attitude and friendly behavior. At last, but not the least I am thankful to all my teachers and friends who have been always helping and encouraging me though out the year. I have no valuable words to express my heart is still full of the favor received from every person.

PREFACE

- Bachelor of computer application & information technology Integrated course offering unique chance to able to find way thought the intricacies and complexities of today information technology word. It covers a very wide spectrum of activities and throughout the course practical knowledge one cannot actually survive in today era of information technology.
- I made a Project on **THE MAJESTIC MAHARAJA RESTAURANT.** The project training in 5th semester of the course aims at giving an exposure of real word to all student the course. The objective of project training at this level is to have a practical experience of the word by undertaking a live project. The project consists of develop projects for other institutes of organization.

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1

Chapter

Introduction

1.1 Project Profile

1.2 Project Introduction

1.1 Project Profile

Project Title	:	**The Majestic Maharaja Restaurant**
Objective	:	To provide platform for Booking Table
Name of the Institute	:	N.P. College Of Computer Studies and Management
Developed For	:	**The Majestic Maharaja Restaurant**
Project Guide	:	Ankit Rami
Front End	:	PHP
Back End	:	MySQL
Team Members	:	4

N0	NAME	ROLL.NO.	ENROLLMENT NO	EXEAM NO
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1.2 Project Introduction

- **The Majestic Maharaja** is an online platform designed to give users a seamless dining experience by allowing them to book tables, explore our diverse menu, check out upcoming events, and get to know our talented chefs.
- Users can browse through our categorized menu, including breakfast, starters, lunch, and dinner, to find dishes that suit their taste. Each category is crafted to offer the best of seasonal ingredients and culinary creativity.
- Customers have the opportunity to explore and book exclusive events hosted by **The Majestic Maharaja**, such as chef's tasting menus, special holiday dinners, and live music nights.
- Each chef's profile, complete with a detailed bio and specialties, is available for users to learn more about the minds behind their meals.
- After dining, customers can leave feedback and reviews to share their experience. This feedback helps us continuously improve our service and menu offerings.
- **The Majestic Maharaja** provides a simple and intuitive interface to manage reservations, including booking modifications, cancellations, and special requests. Users can also view reservation history and receive personalized dining recommendations.
- Our platform offers real-time availability of tables, ensuring that users can book their preferred time and date with ease.
- **The Majestic Maharaja** offers dedicated customer support for booking inquiries, event information, and other dining-related queries, ensuring every customer has the best possible experience.
- With a focus on customer satisfaction, we allow users to rate their dining experience, which helps us evaluate and enhance the overall service.

2

Chapter

Environment Description

2.1 Hardware and Software Requirement

2.1.1 Development Tools

2.1.2 Client Side Tools

2.1.3 Server Side Tools

2.2 Tools and Technology

2.2.1 Core Technology

2.2.2 Extra Tools

2.1Hardware And Software Requirement

✓ **Client Side :**

- Internet enabled devices with Web Browser

✓ **Server Side :**

- Wamp Server (2.2 Version)

- Disk Space (1 GB)

✓ **Development Side :**

- Processor (Intel Inside Pentinum)

- O.S (Windows 8.1)

- Memory (2 GB)

- Hard Disk (500 GB)

- Web Browser: Developed in Google Chrome(Tested in Google Chrome)

2.2 Tools And Technology

Technology

->HTML

->PHP(5.3.13) Frontend

->MYSQL(5.5.24) Backend

➲ **Core Technology** :

✓ **HTML:**

- First developed by Tim Berners-Lee in 1990, **HTML** is short for Hypertex Markup Language.

- **HTML** is used to create electronic documents (called pages) that are displayed on the World Wide Web.

- Each page contains a series of connections to other pages called hyperlinks.

✓ **MySQL:**

- **MySQL**, the most popular Open Source SQL database management system, is developed, distributed, and supported by Oracle Corporation.

- The **MySQL** website (http://www.**mysql**.com/) provides the latest **information about MySQL** software.

- A database is a structured collection of data.

✓ **PHP:**

- Hypertext Preprocessor (or simply ***PHP***) is a general-purpose programming language was 32-bit x86 builds, requiring Windows 32-bit compatibility mode while using **Internet *Information* Services** (IIS) on a 64-bit Windows platform

➲ Extra Technology:

->Java script

->Bootstarp

->Tailwind cs

- ✓ **Bootstrap:**
- ✓ Bootstrap is a popular open-source front-end framework used for developing responsive, mobile-first web pages.
- ✓ It includes pre-designed HTML, CSS, and JavaScript components, such as forms, buttons, navigation, and typography, to simplify web development.
- ✓ Bootstrap utilizes a grid system to create flexible, responsive layouts across different screen sizes and devices.
- ✓ It is highly customizable, allowing developers to override its default styles or extend it with custom CSS.
- ✓ **Tailwind CSS:**
- ✓ Tailwind CSS is a utility-first CSS framework designed for rapidly building custom user interfaces.
- ✓ Instead of pre-built components, Tailwind offers low-level utility classes that allow developers to style elements directly in their HTML, giving greater design flexibility.
- ✓ Tailwind promotes a design system approach, where developers can compose complex designs by combining small utility classes.
- ✓ **JavaScript:**

- JavaScript is a dynamic computer programming language.

- It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages.

- It is an interpreted programming language with object-oriented capabilities.

Tools:

➲ Documentation Tools:

- ✓ **MS Word:**
  - **Microsoft Word** or **MS**-**WORD** (often called **Word**) is a Graphical **word** processing program that users can type with.
  - It is made by the computer company **Microsoft**. Its purpose is to allow users to type and save documents.
- ✓ **MS Power Point:**

- PowerPoint is a slideshow presentation program that's part of the **Microsoft** office suite o tools.

-PowerPoint makes it easy to create, collaborate, and present your ideas in dynamic, visually compelling ways.

3

Chapter

Existing System

3.1 Introduction
3.2 Limitation

3.1 Introduction

-> Customers must physically visit the restaurant to secure a table, which often leads to long waiting times, especially during peak hours.

-> The manual process of table booking, management, and customer queuing consumes a considerable amount of time and resources.

-> There is no way for customers to plan or guarantee a table in advance, making the dining experience uncertain and inconvenient.

-> Users are required to wait for their turn, sometimes for extended periods, which can be frustrating and result in a poor customer experience.

-> The restaurant staff must handle all reservations manually, which increases the workload and leaves room for errors, such as double bookings or inaccurate waiting times.

-> Managing reservations without a centralized, automated system makes it difficult for both the restaurant and the customers to track table availability in real-time, further complicating the process.

3.2 Limitation

1. **Manual Booking**: The system relies on manual reservation processes, leading to errors and inefficiencies.
2. **No Real-Time Availability**: Customers and staff lack real-time table availability, resulting in longer wait times.
3. **Customer Inconvenience**: Guests must visit the restaurant and wait for a table, causing delays and dissatisfaction.
4. **Increased Staff Workload**: Managing bookings manually burdens staff, especially during busy hours.
5. **No Online Flexibility**: Customers cannot book, modify, or cancel reservations online.
6. **No Feedback Mechanism**: There's no system for collecting customer feedback to improve service.
7. **Event Management Issues**: Reservations for events are not integrated into the system, complicating management.

4

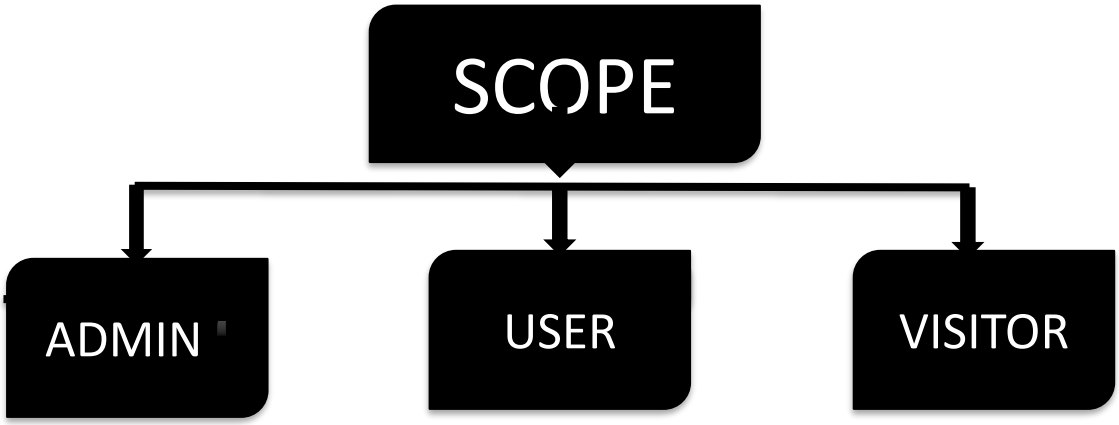
Chapter

Proposed System

4.1 Scope
4.2 Aim and Objective
4.3 Excepted Advantage

4.1 Scope

- ✓ The scope of the website "**The Majestic Maharaja Restaurant"** is global.



1. Admin:

The key roles of Admin are:

Super Admin do the entire task as Sub Admin dose. As well as he can also manages Sub Admin (Create, Delete, Block) and it's permission (Insert, Update, Delete).

✓ Admin can do following task:

- View the information of registered Seller/Interior Designer/Customer (Activate/Deactivate) .
- Block or Unblock Seller/Interior Designer/Customer.
- Manage category, category type, category subtype of various product.
- View the feedback of website as well as feedback of various Product also can view the inquiries which provided by various customers and reply on that.
- View which customers have taken the product from which Seller/Interior Designer.
- Manage various packages for Seller and Interior Designer like Silver package, Brown package and Platinum package.
- Process on customer's order like Not Processed , Order Processing , Shipping , Delivered and also manage payment status.
- View the order process of seller's product.
- View reports like Monthly Selling.
- Change their own Profile and Password.
- Manage the Newsletter for various product advertisement and also manage CMS pages like About Us, Contact Us, etc...
- Manage banner images which are shown at client side.
- Generate new offers according to new trend.

2. Customer:

The key role of Customer is:

- ✓ Before purchasing various product customer must have to register himself/herself.
- ✓ View category and category type of product and also inquiry about product.
- ✓ View offer given by admin , seller.
- ✓ Customer can also give feedback and rating.
- ✓ Customer can view portfolio of interior designer and request for according to their requirement.

3. Visitor:

The key role of Visitor is:

- ✓ Visitor can view client pages, product and also make inquiry.
- ✓ View the status of product on the basis of ratings & feedback which given by customer and also view portfolio of interior designer.
- ✓ Visitors have to register himself/herself to purchase the product.

4.2 Aim and Objective

Mission: To provide a seamless and efficient dining experience by enabling customers to easily book tables online, manage reservations, and enhance overall customer satisfaction through advanced restaurant management solutions. This platform aims to:

- Simplify the booking process with real-time table availability and reservation management.
- Minimize customer wait times by allowing pre-booking of tables and events.
- Offer a comprehensive view of the menu, special events, and chef profiles, empowering customers to make informed dining decisions.
- Collect valuable customer feedback to continuously improve service quality.
- Provide restaurants with tools to streamline operations, manage reservations, and optimize seating arrangements for maximum efficiency and customer comfort.

4.3 Excepted Advantage

- Admins can access real-time data on bookings, peak hours, and customer preferences. This data can be used to optimize seating arrangements, staffing, and inventory management.
- Offering online booking can attract more customers who prefer the convenience of reserving a table online, potentially increasing the number of reservations.
- By providing an easy and accessible way to book tables, the restaurant can improve customer satisfaction, leading to better reviews and repeat business.
- The system can automatically send booking confirmations and reminders to customers, reducing no-shows and ensuring better table management.
- Admins can analyze trends in booking data, such as popular booking times, peak days, and average party size. This information can be valuable for making informed business decisions.
- The platform can be used to promote special events, offers, or discounts directly to customers who book online, enhancing the restaurant's marketing efforts.

5

Chapter

System Planning

5.1 Requirement Specification
5.2 Feasibility Study
5.3 Life Cycle Model
5.4 Effort Distribution Diagram
5.5 Task Dependency Diagram
5.6 Project Schedule Chart

5.1 Requirement Specification

- ✓ The website must be able to retrieve, store, update data with great ease and it should be very efficient.
- ✓ The website should be easy to understand and flexible to use even in local language.
- ✓ The website should allow admin to modify client side pages, manage all website and database and satisfy request of customer.
- ✓ The website should allow visitor to view client pages and get information required and thereby contact the admin for further details.
- ✓ All the navigations must be very smooth and flexible. The product must be scalable when required.
- ✓ Efficiency, Scalability, Maintainability, Reliability-all must be emphasized for the successful working of the system.
- ✓ We have used Google Pay as payment gateway.

5.2Feasibility Study

Feasibility study is an online description of the Website and how it will be used. Three test of feasibility studies by us:

1) Technical Feasibility.
2) Economical Feasibility.
3) Operational feasibility.

1) Technical Feasibility

- ✓ Technical feasibility is concerned with technical facilities and tools available and their relation with Website.
- ✓ The Website has been developed with Wamp server 2.2 and Mysql as backend tools and for the designing use the jquery and cascading style sheet (css).
- ✓ We need proper knowledge of technology and its functional areas.

2) Economical Feasibility

- ✓ Economical feasibility looks at the financial aspects of the investment in a project.
- ✓ Form the financial point of view the project is feasible; we guess there will not be any monetary requirement for our project.

3) Operational Feasibility

- ✓ Test of operational feasibility asks if the application will work when it is developed and installed.
- ✓ As well as this application do not cause any harm to the other application, and can also be implemented in-phase with the other application.
- ✓ System provides the user friendly interface which helps new user in operating the application.

5.3 Life Cycle Model

➲ Increment Model:

- ✓ The incremental Model is an evolution of the waterfall Model, where the waterfall Model is incrementally applied.
- ✓ The series of releases is referred to as “increments”, with each increment providing more functionality to the customers. After the first increment, a core product is delivered, which can already be used by the customer. Based on customer feedback, a plan is developed for the next increments, and modifications are made accordingly. This process continues, with increments being delivered until the complete product is delivered. The incremental philosophy is also used in the agile process model.

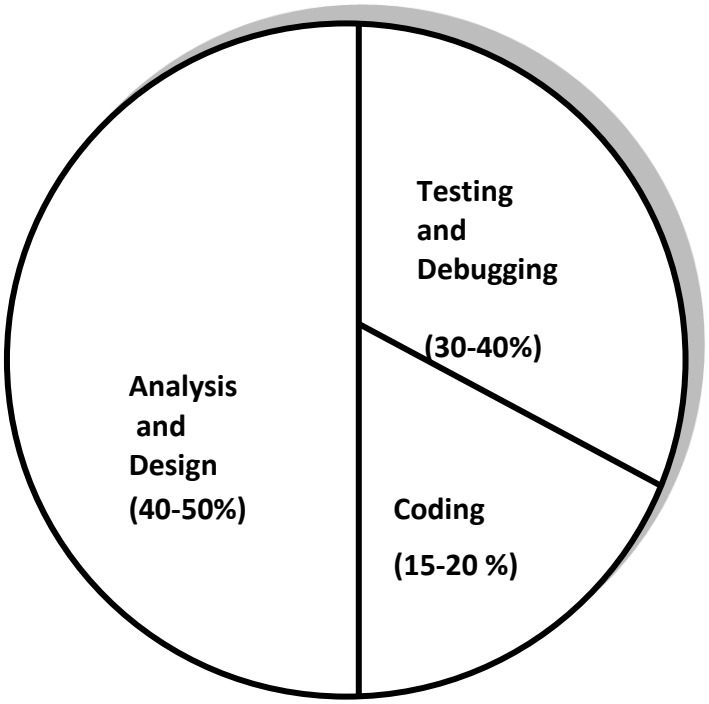
❖ Advantages

- ✓ After every iteration any faulty piece software can be identified easily as very few changes are done after every iteration.
- ✓ It is easier to test and debug as testing and debugging can be performed after each iteration.
- ✓ This model does not affect anyone's business values because they provide core of the software which customer needs, which will indeed help that person to keep run his business.
- ✓ After establishing an overall architecture, system is developed and delivered in increments.

❖ Disadvantages

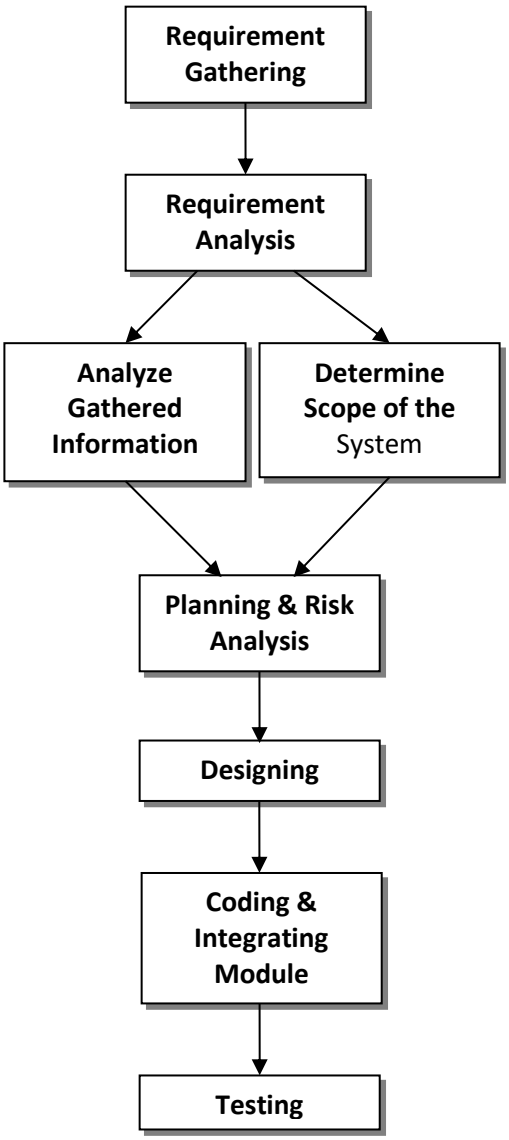
- ✓ If the requirements initially were thought to be stable but at later stages are realized to be unstable then the increments have to be withdrawn and have to be reworked.
- ✓ Resulting cost may exceed the cost of the organization. Problems may arise related to system architecture.

5.4 Effort Distribution Diagram

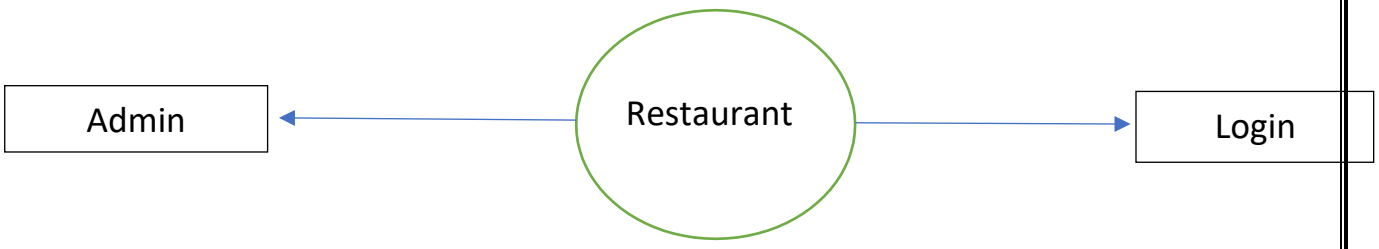


Requirement Analysis:	10 to 25 %
Design:	20 to 25 %
Coding:	15 to 20 %
Testing / Debugging:	30 to 40 %

5.5 Task Dependency Diagram



CONTEXT LEVEL DFD:



6

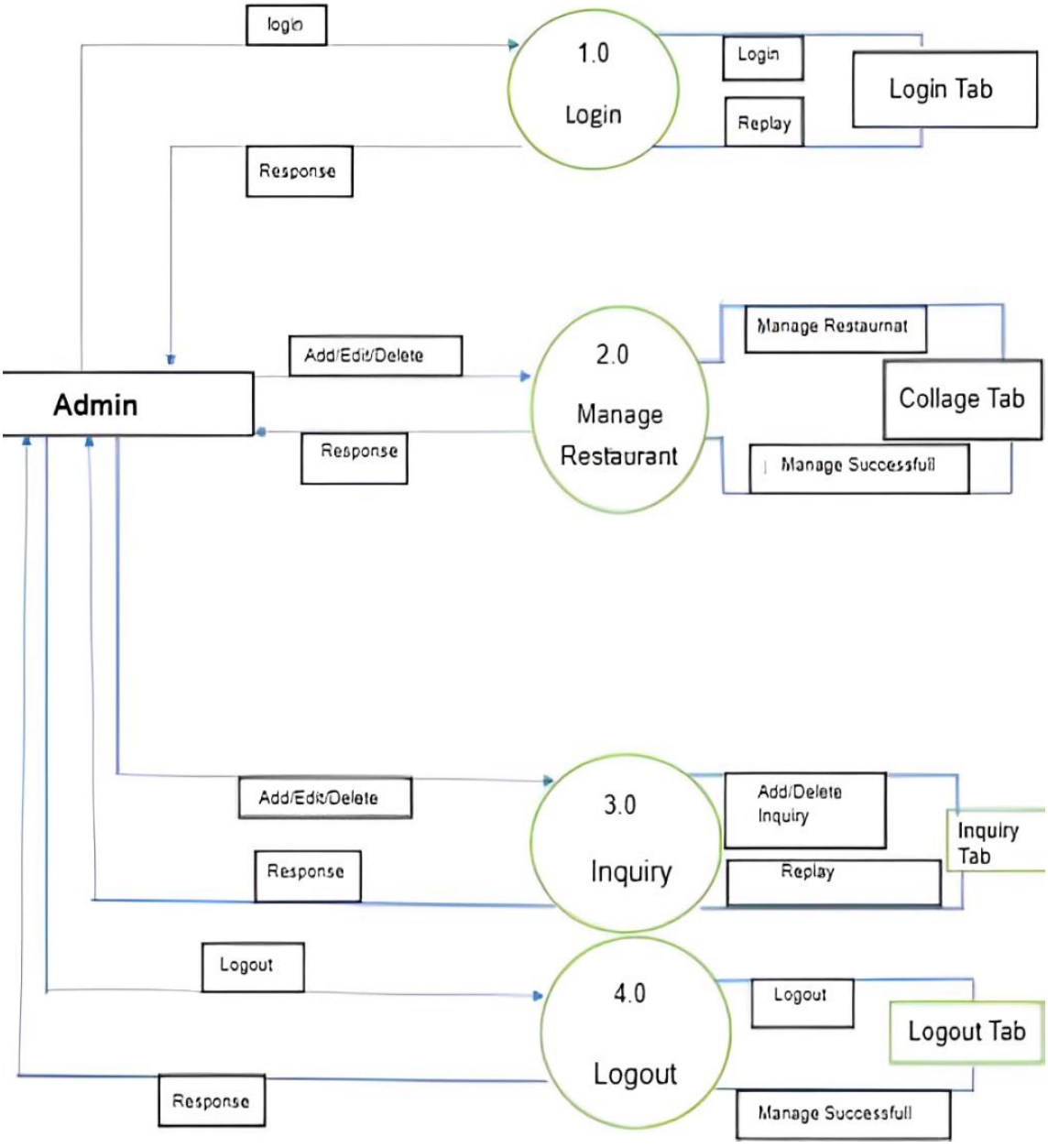
Chapter

System Model Architecture

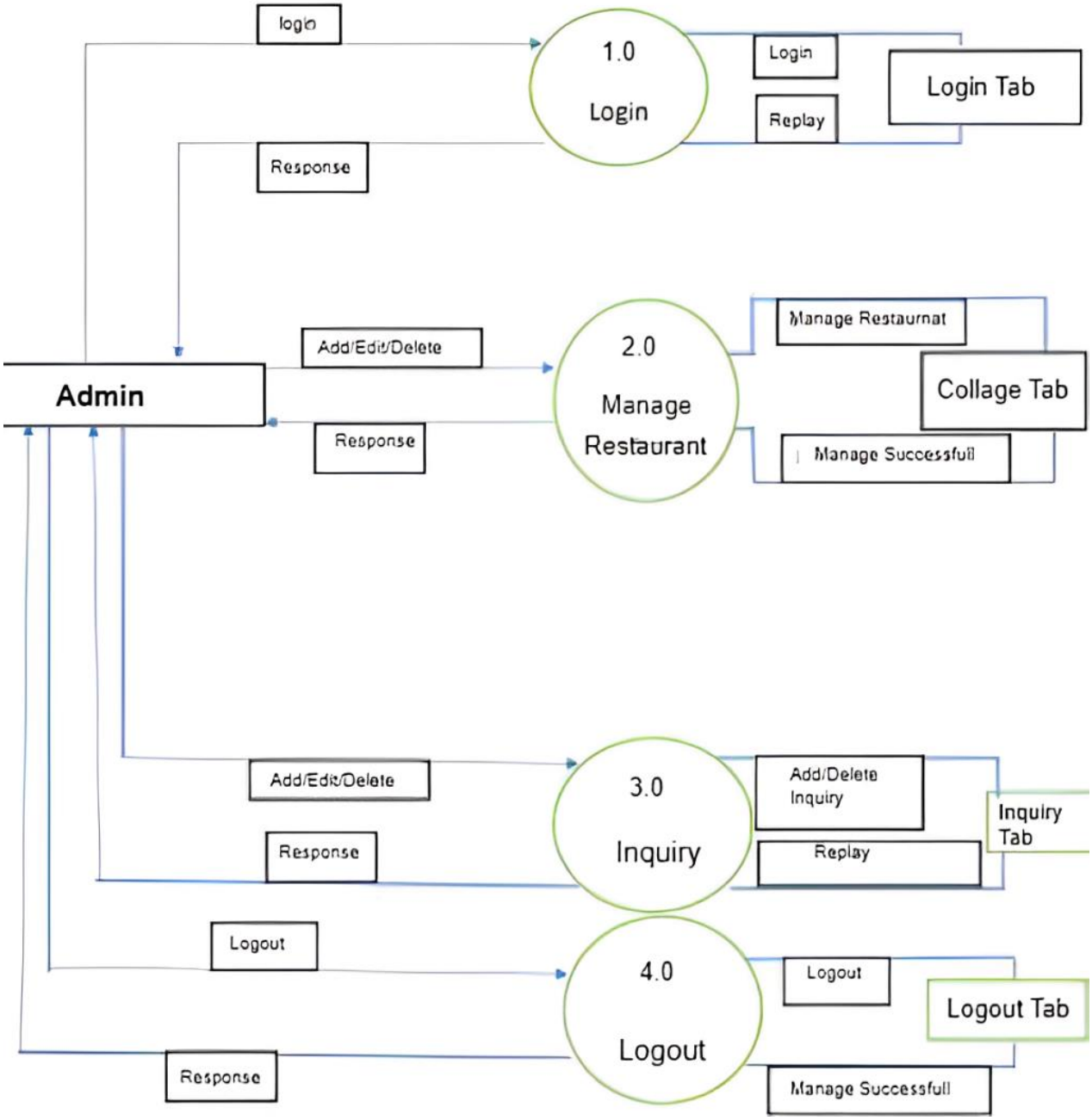
6.1 Data Flow Diagram

6.1 Data Flow Diagram

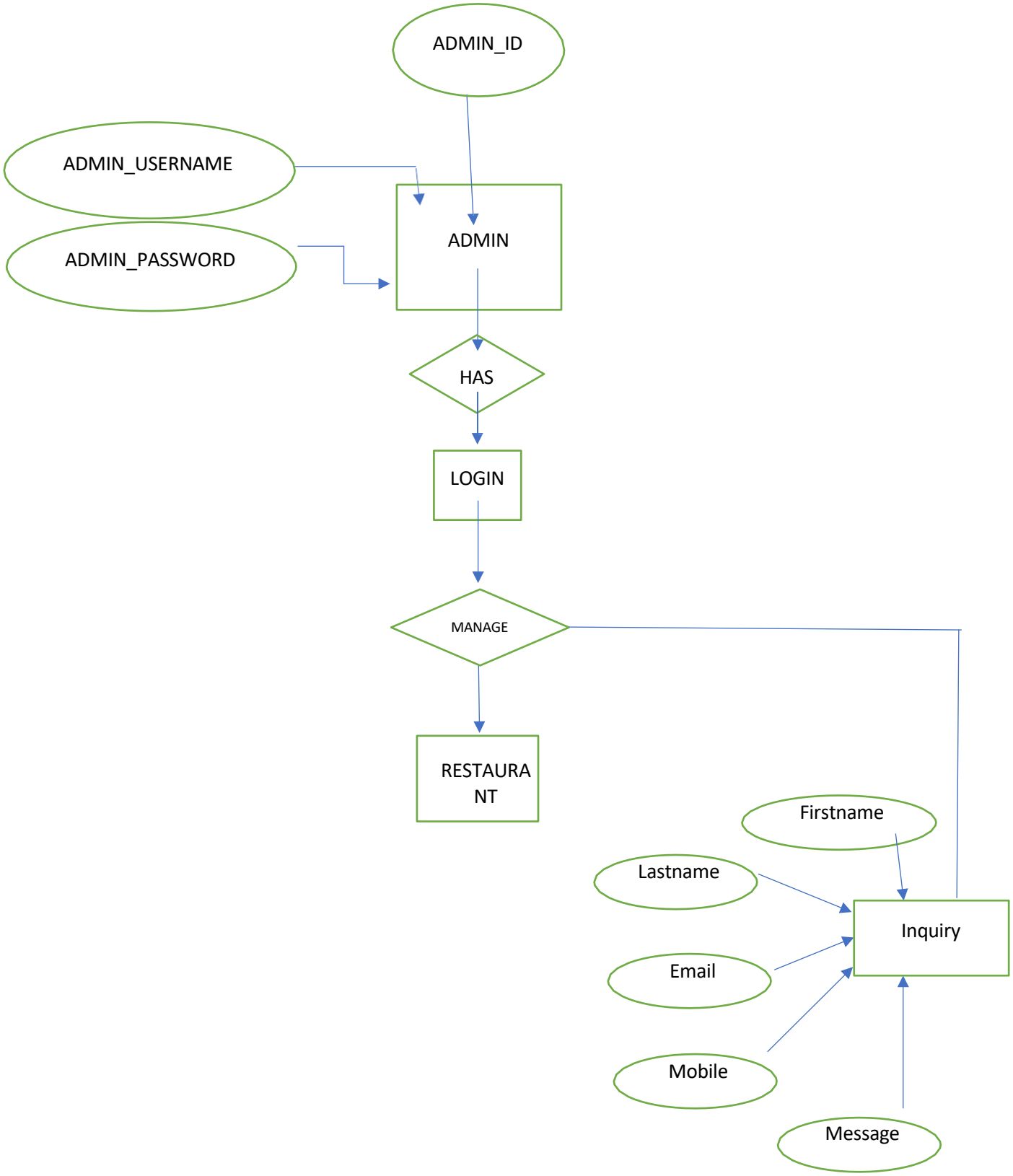
1st LEVEL DFD:



2ND LEVEL DFD DIADRAM



ER DIAGRAM :-


ADMIN_ID
ADMIN_USERNAME
ADMIN_PASSWORD
ADMIN
HAS
LOGIN
MANAGE
RESTAURANT
Firstname
Lastname
Inquiry
Email
Mobile
Message

7

Chapter

System Diagram

7.1 Table Structure
7.2 Screen Layout

7.1 Table Structure

Table Name: tbladmin
Use: It is used to store the information of Admin.

Field	Type	Constraints	Description
Admin_ID	int(11)	Primary Key (AutoIncrement)	Unique field.
Admin_email	varchar(60)	Not Null	Store EmailID.
Admin_pass	Varchar(60)	Not Null (Unique Key)	Specify Password.
Role	Int(11)	Not Null	..

Table Name: tblbook
Use: It is used to store the information of Booking

Field	Type	Constraints	Description
Id	int(11)	Primary Key (AutoIncrement)	Unique field.
Name	varchar(225)	Null	Specify Name.
Email	Varchar(255)	Null	Store Email.
Phone	Varchar(20)	Null	Store Phone.
Date	Date	Null	Store Date.
Table_format	Enum	Null	Format.
Massage	Text	Null	Transfer Massage.
Check_in	Time	Null	Checkin time.
Check_cout	Time	Null	Checkout time.
Created_at	Timestamp(6)	Null	Create at.
Reservation	Int(11)	Null	Reserved table.

Table Name: tblchefs
Use: It is used to store the information of Chefs.

Field	Type	Constraints	Description
Chef_id	int(11)	Primary Key (AutoIncrement)	Unique field.
Chef_name	varchar(20)	None	Store chefs name.
Chef_desc	Varchar(80)	None	Not def.
Chef_type	Varchar(20)	None	Types.
Chef_image	Longblob	None	Define image.

Table Name: tblevents
Use: It is used to store the information of Events.

Field	Type	Constraints	Description
Title	Varchar(40)	Primary Key (AutoIncrement)	Unique field.
Price	varchar(30)	Not Null	Price.
Description	Varchar(100)	Not Null	Desc.
Image	Varchar(50)	Not Null	Images.

Table Name : tblmenu_items
Use : It is used to store the information of Menu_items.

Field	Type	Constraints	Description
id	int(11)	Primary Key (AutoIncrement)	Unique field.

Category	varchar(50)	Null	Category.
Item_name	Varchar(100)	Null	Item name.
Ingredients	Text	Null	Ingredients.
Price	Decimal(10.2)	Null	Price.
Image	Varchar(100)	Null	Images.
Image_type	Varchar(10)	Null	Types of images.
Menu_status	Varchar(50)	Unpublished	See only sever.

Table Name: tblpassword_resets
Use: It is used to store the information of Password_resets.

Field	Type	Constraints	Description
Id	int(11)	Primary Key (AutoIncrement)	Unique field.
Email	varchar(255)	Not Null	Find Email.
Otp	Varchar(6)	Not Null	Send otp.
Otp_expiry	Datetime	Not Null	After some time expire.
Created_at	Timestamp	Not Null	New pass.`
Reset_successful	Tinyint(1)	Null	Successfully reset.

Table Name: tblreservations
Use: It is used to store the information of Reservations.

Field	Type	Constraints	Description
Id	int(11)	Primary Key (AutoIncrement)	Unique field.
Name	varchar(100)	Not Null	Store name.

Email	Varchar(100)	Not Null	Store email.
Phone	Varchar(20)	Not Null	Store phone.
Date	Date	Not Null	Set date.
Time	Time	Not Null	Set time.
Table_id	Varchar(10)	Not Null	Reserved.
Massage	Text	Null	Sent massage.

Table Name: tblstats_table
Use: It is used to store the information of Stats table.

Field	Type	Constraints	Description
Five_star_reviews	int(10)	Primary Key (AutoIncrement)	Unique field.
Unique_dishes	Int(20)	Not Null	Dishes.
Event_hosting	Int(20)	Not Null	Hosting event.
Years_of_excellence	Int(10)	Not Null	Years excellence.

Table Name: tbltables
Use: It is used to store the information of Tables.

Field	Type	Constraints	Description
Table_id	Varchar(10)	Primary Key (AutoIncrement)	Unique field.
Seats	Int(11)	Not Null	Setting.
Status	Enum	Null	Status.

Table Name: tblwhychooseperch
Use: It is used to store the information of preches.

Field	Type	Constraints	Description
Id	int(10)	Primary Key (AutoIncrement)	Unique field.
Title	varchar(20)	Not Null	Define title.
Description	Varchar(100)	Not Null	Description.
Icon	Varchar(20)	Not Null	Item icon.
Delay	Int(20)	Not Null	Order delay.

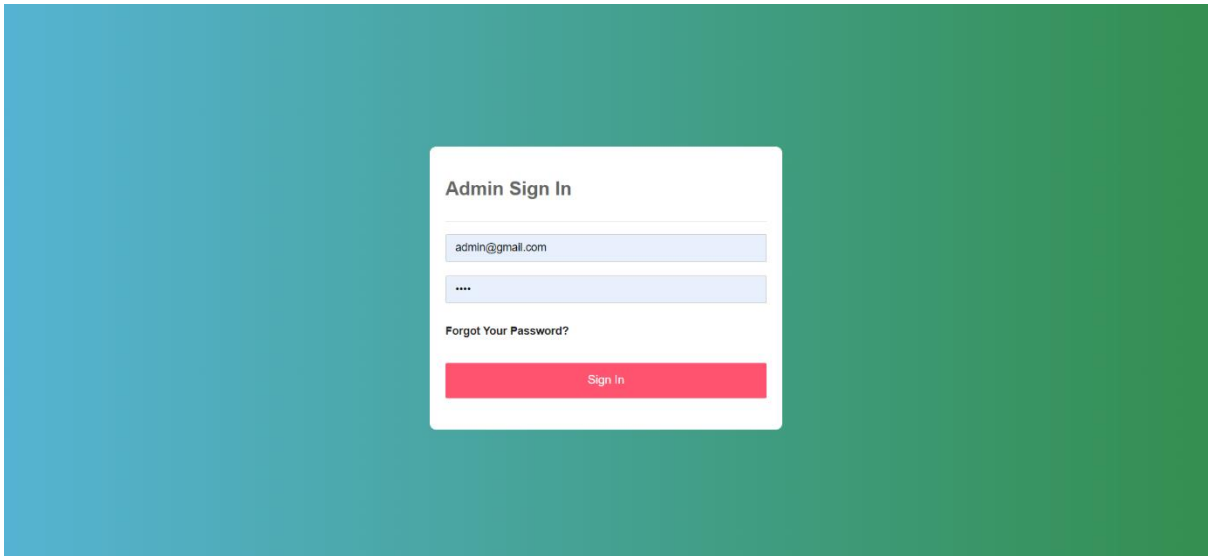
Table Name: tblusers
Use: It is used to store the information of Users.

Field	Type	Constraints	Description
Id	int(11)	Primary Key (AutoIncrement)	Unique field.
Email	varchar(255)	Not Null	Store EmailID.
Name	Varchar(255)	Not Null	Store name.
Mobile	Varchar(20)	Not Null	Store mobile.
Photo	Varchar(20)	Not Null	Add photo.
Password	Varchar(255)	Not Null	Set password.
Otp	Varchar(10)	Not Null	Set otp.
Otp_expiry	Datetime	Not Null	Expiry otp.
Verified	Tinyint(1)	Null	Verified.
Created_at	Timestamp	Not Null	Created.

7.2 Screen Layout

➲ Admin Side:-

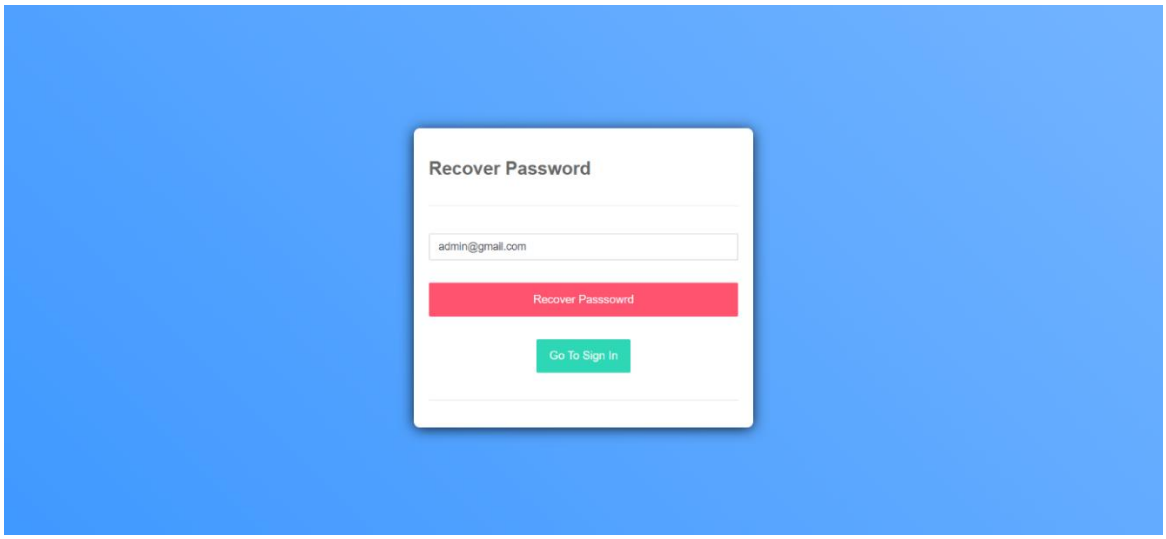
Login:-



→ In this page admin can login in to own website for authentication check.

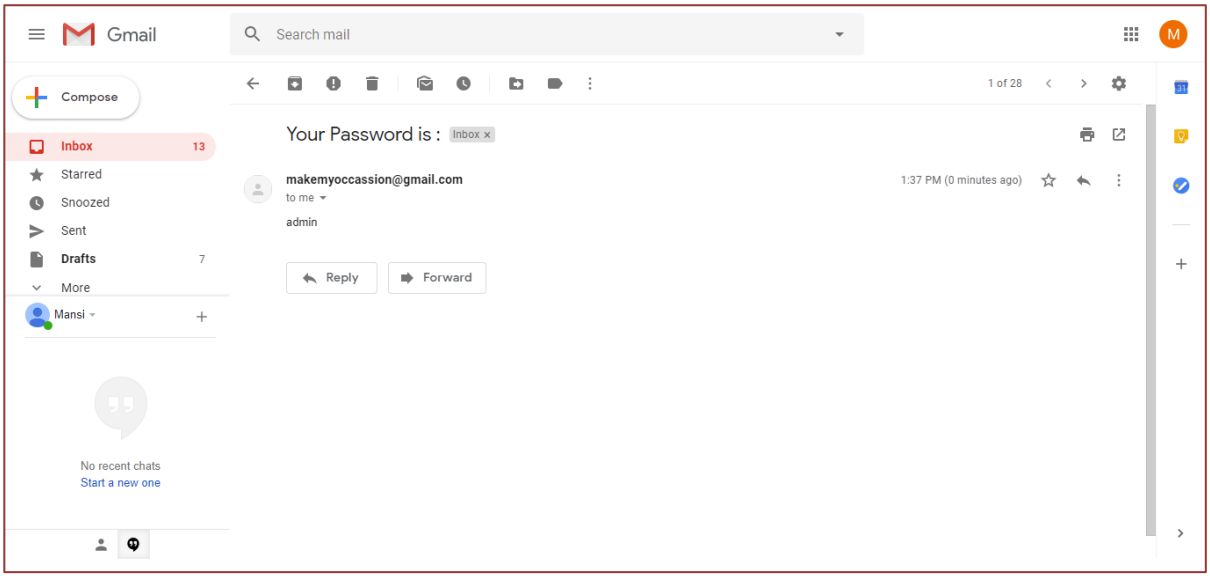
→ In any situation admin forgot the password the can get password on registered mail it will display on next page.

Forget Password:-



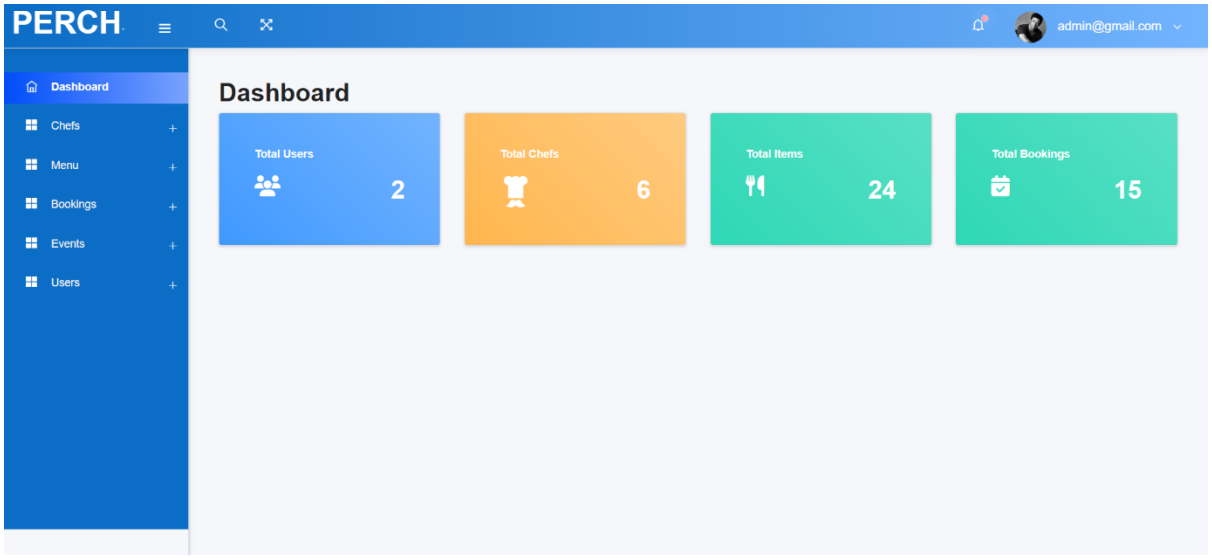
→ Admin get their Forgot password through email. And if they want to change it they can change password after login

Forget link open in Gmail Account:-



→ In this page Admin can see the Original Password in Goggle Account

Dashboard:-

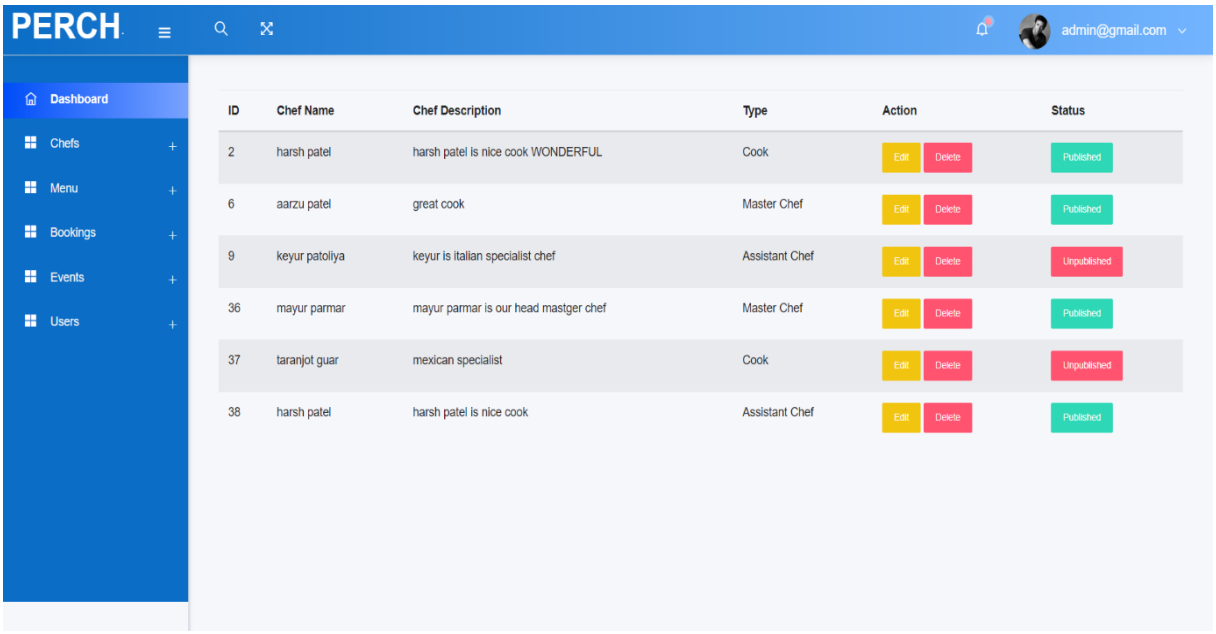


→ In this Page admin can see the Dash Board ,Total Users, Total Chefs ,Total Items ,Total Bookings .

Add Chef:-

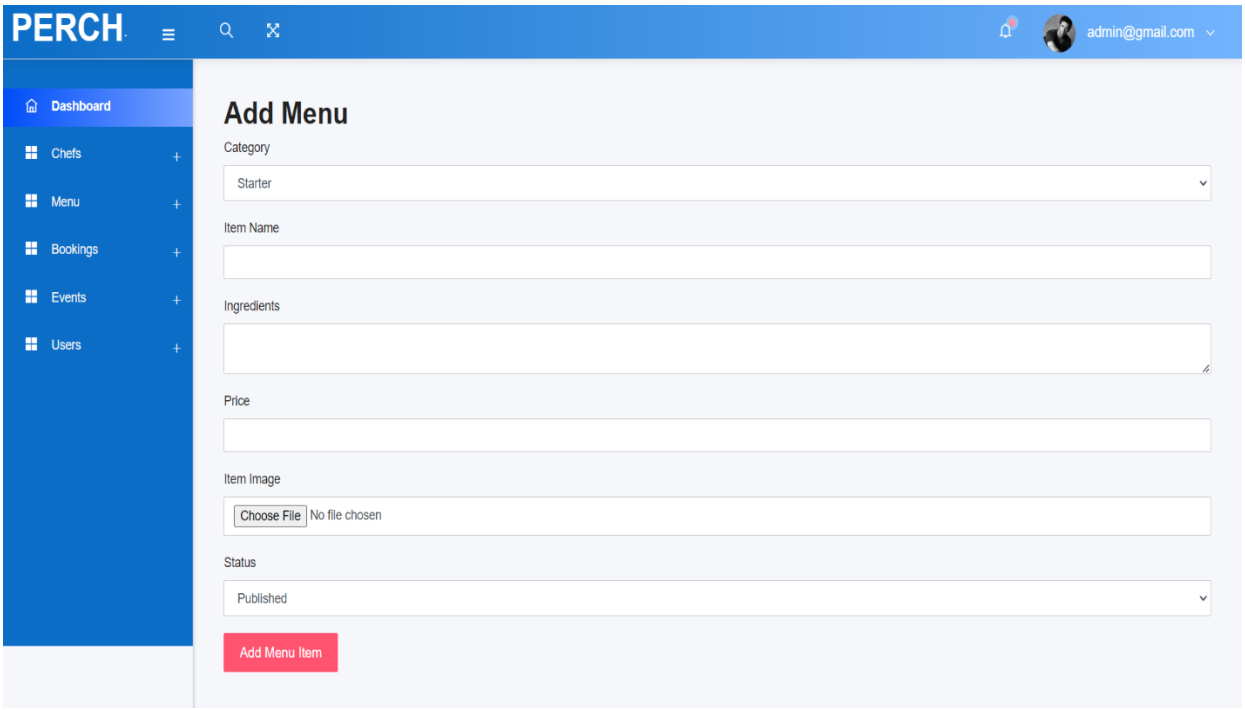
→In this page Admin can add chefs detail with image.

Manage Chef:-



➔ In this page Admin can manage chef, edit chef, delete chef, publish, unpublish chef to user

Add Menu:-



→In this page Admin can add Menu detail with image.

Manage Menu:-

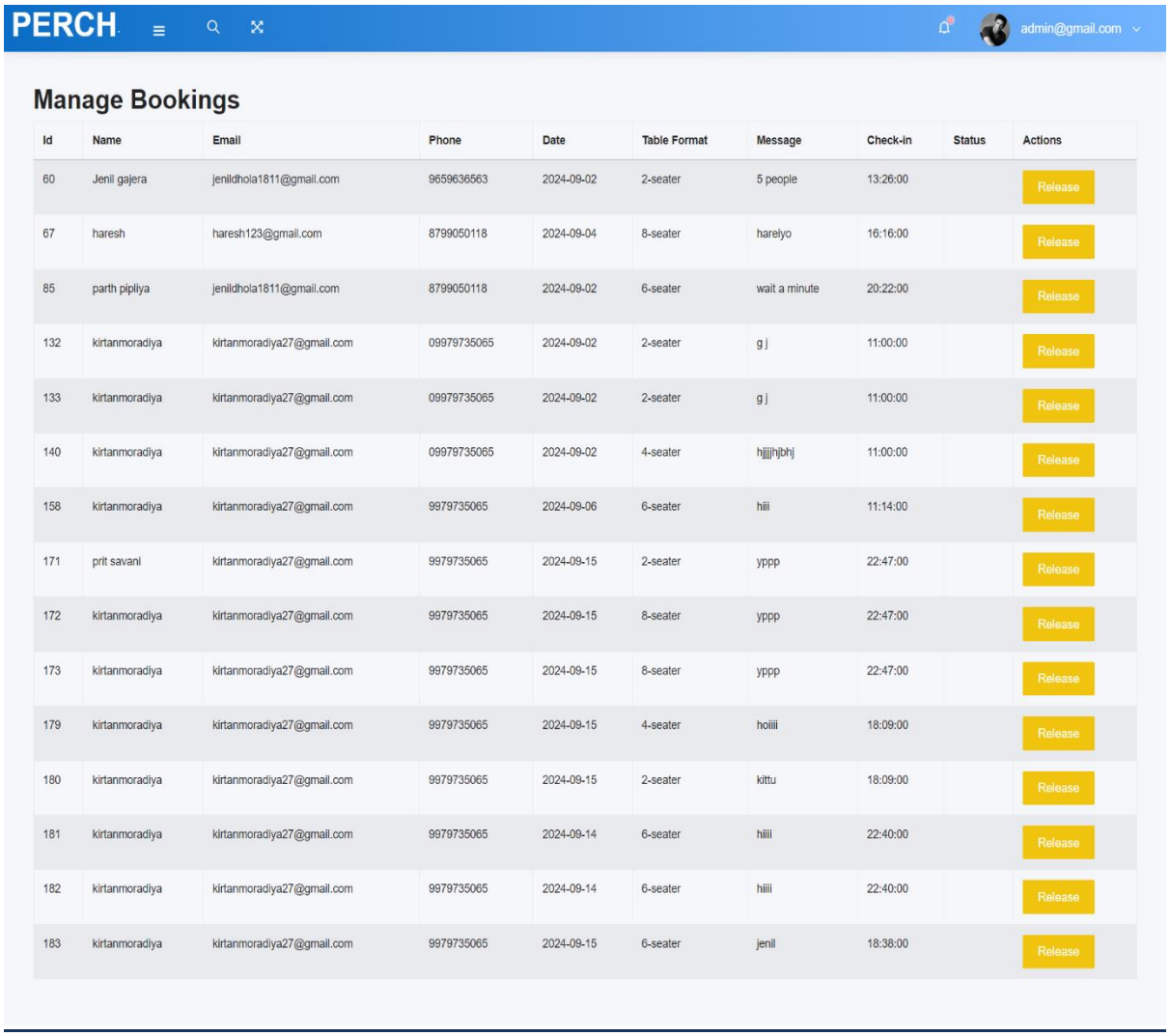
➔ In this page Admin can manage Menu, edit Menu, delete Menu publish, unpublish Menu to show user

PERCH admin@gmail.com

Manage Menu

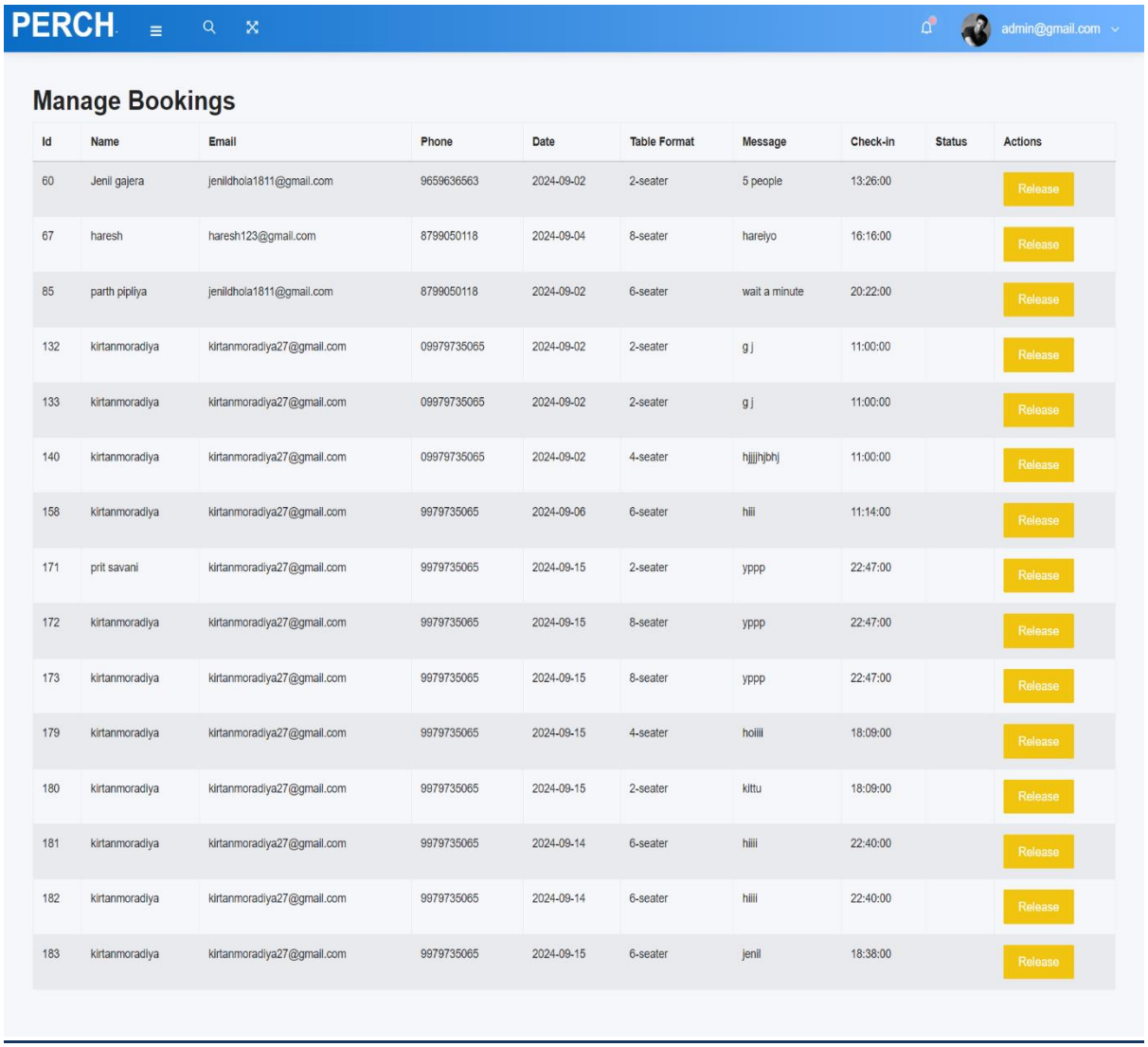
ID	Category	Item Name	Ingredients	Price	Image	Image Type	Action	Status
42	breakfast	Veggie Omelette	Eggs, Bell Peppers, Onions, Cheese	0.00		jpg	Edit Delete	Unpublish
43	breakfast	Avocado Toast	Bread, Avocado, Olive Oil	5.49		jpg	Edit Delete	Unpublish
44	breakfast	Smoothie Bowl	Berries, Yogurt, Granola	5.99		jpg	Edit Delete	Unpublish
45	breakfast	Chia Pudding	Chia Seeds, Almond Milk, Fruits	4.99		jpg	Edit Delete	Unpublish
46	breakfast	Fruit Salad	Seasonal Fruits	0.00			Edit Delete	Unpublish
47	breakfast	Vegetable Frittata	Zucchini, Tomatoes, Cheese	6.49		jpg	Edit Delete	Unpublish
48	starter	Caprese Salad	Tomatoes, Mozzarella, Basil, Olive Oil	4.99		jpg	Edit Delete	Unpublish
49	starter	Garlic Bread	Bread, Garlic, Butter	3.49		jpg	Edit Delete	Unpublish
50	starter	Bruschetta	Tomatoes, Basil, Garlic, Bread	4.99		jpg	Edit Delete	Unpublish
51	starter	Stuffed Mushrooms	Mushrooms, Cheese, Herbs	5.49		jpg	Edit Delete	Unpublish
52	starter	Vegetable Spring Rolls	Cabbage, Carrots, Soy Sauce, Wrapper	5.99		jpg	Edit Delete	Unpublish
53	starter	Grilled Asparagus	Asparagus, Olive Oil, Parmesan	4.99		jpg	Edit Delete	Unpublish
54	lunch	Veggie Burger	Vegetable Patty, Lettuce, Tomato, Bun	9.49		jpg	Edit Delete	Unpublish
55	lunch	Grilled Vegetable Panini	Grilled Vegetables, Mozzarella, Bread	7.99		jpg	Edit Delete	Unpublish
56	lunch	Falafel Wrap	Falafel, Lettuce, Tomato, Tortilla	8.49		jpg	Edit Delete	Unpublish
57	lunch	Greek Salad	Lettuce, Olives, Feta, Cucumber	6.99		jpg	Edit Delete	Unpublish
58	lunch	Margherita Pizza	Tomatoes, Mozzarella, Basil	9.99		jpg	Edit Delete	Unpublish
59	lunch	Hummus & Pita	Hummus, Pita Bread	5.99		jpg	Edit Delete	Unpublish
60	dinner	Vegetable Stir-fry	Broccoli, Bell Peppers, Soy Sauce, Rice	9.99		jpg	Edit Delete	Unpublish
61	dinner	Pasta Primavera	Pasta, Zucchini, Tomatoes, Olive Oil	10.49		jpg	Edit Delete	Unpublish
62	dinner	Vegetable Lasagna	Pasta, Ricotta, Spinach, Marinara Sauce	11.99		jpg	Edit Delete	Unpublish
63	dinner	Mushroom Risotto	Arborio Rice, Mushrooms, Parmesan	12.99		jpg	Edit Delete	Unpublish
64	dinner	Grilled Tofu Skewers	Tofu, Bell Peppers, Zucchini	10.99		jpg	Edit Delete	Unpublish
65	dinner	Spinach & Ricotta Ravioli	Ravioli, Spinach, Ricotta, Marinara	11.49		jpg	Edit Delete	Unpublish

Manage Bookings:-



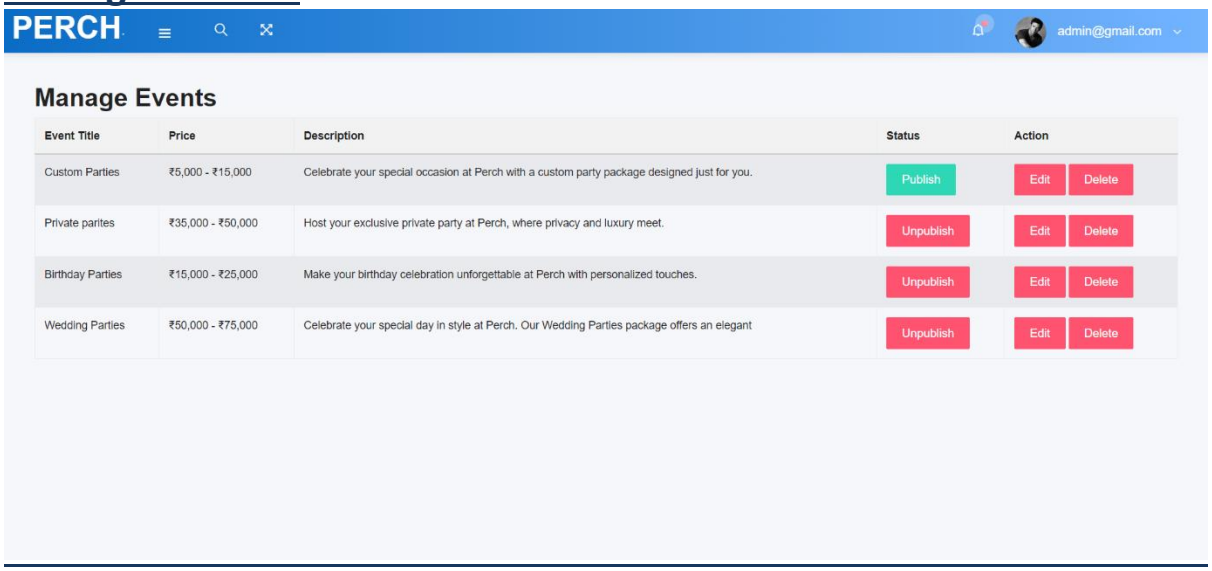
->In this page Admin can see bookings details and Release bookings after user left the table

Add Events:-



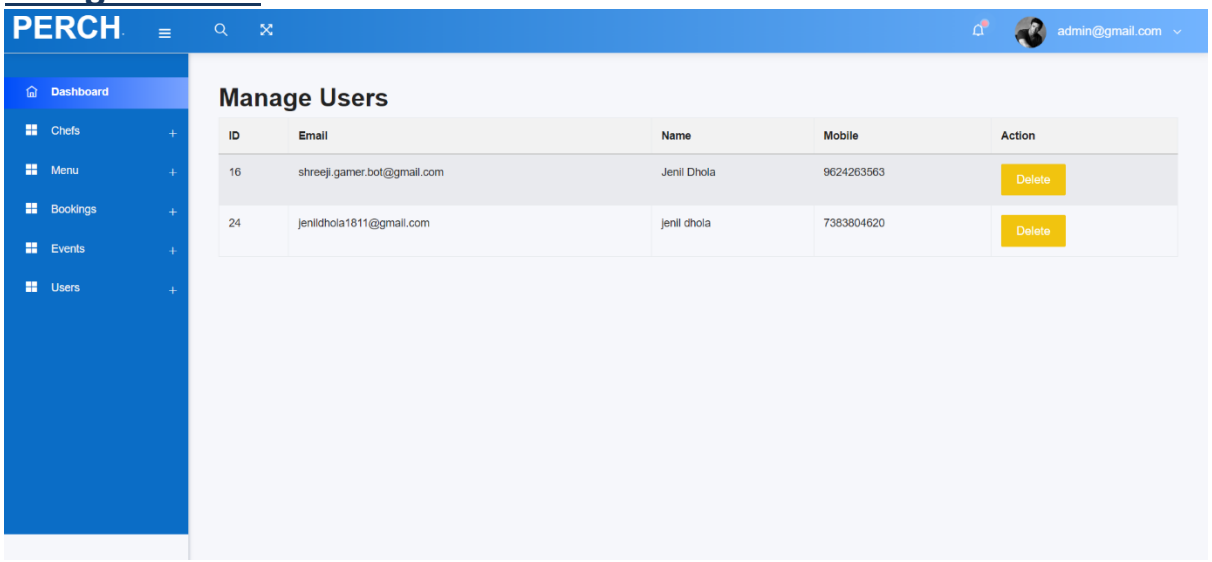
→ In this page Admin can add Events detail with image.

Manage Events:-



➔ In this page Admin can manage Menu, edit Events, delete Events publish, unpublish Events to show user .

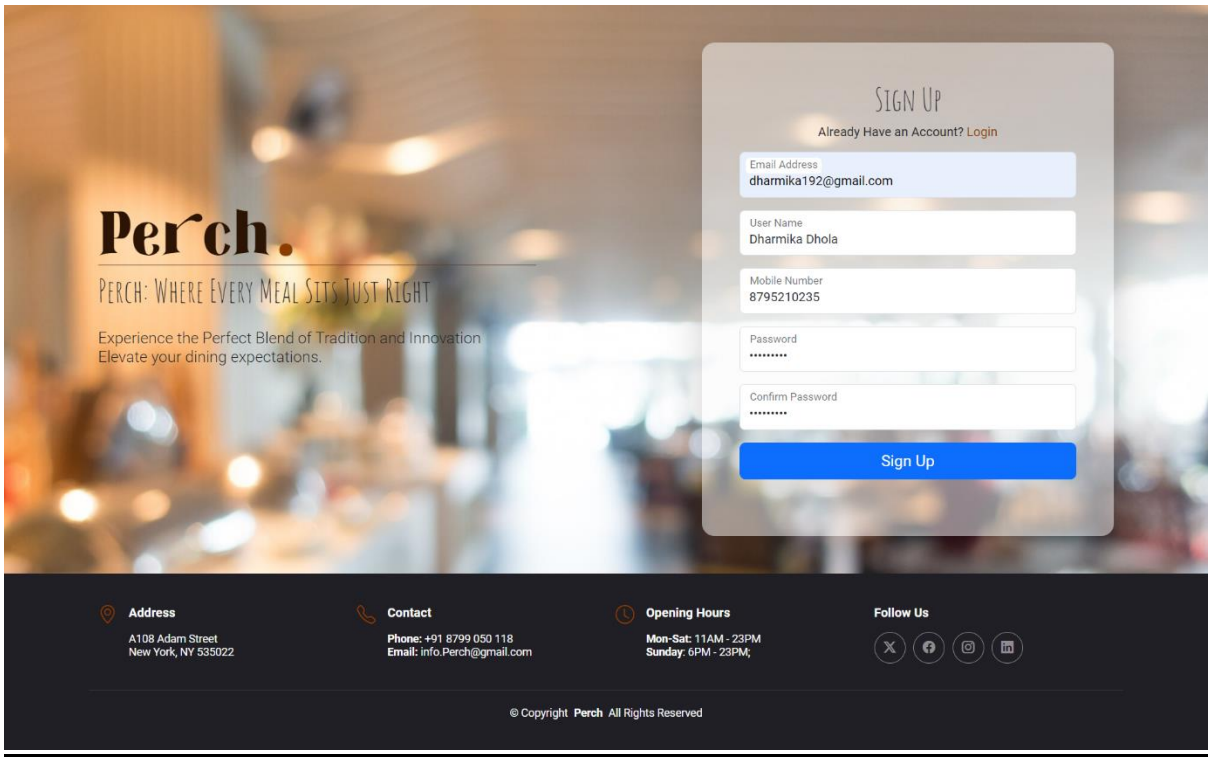
Mange Users:-



→ In this page Admin see users details and also delete user.

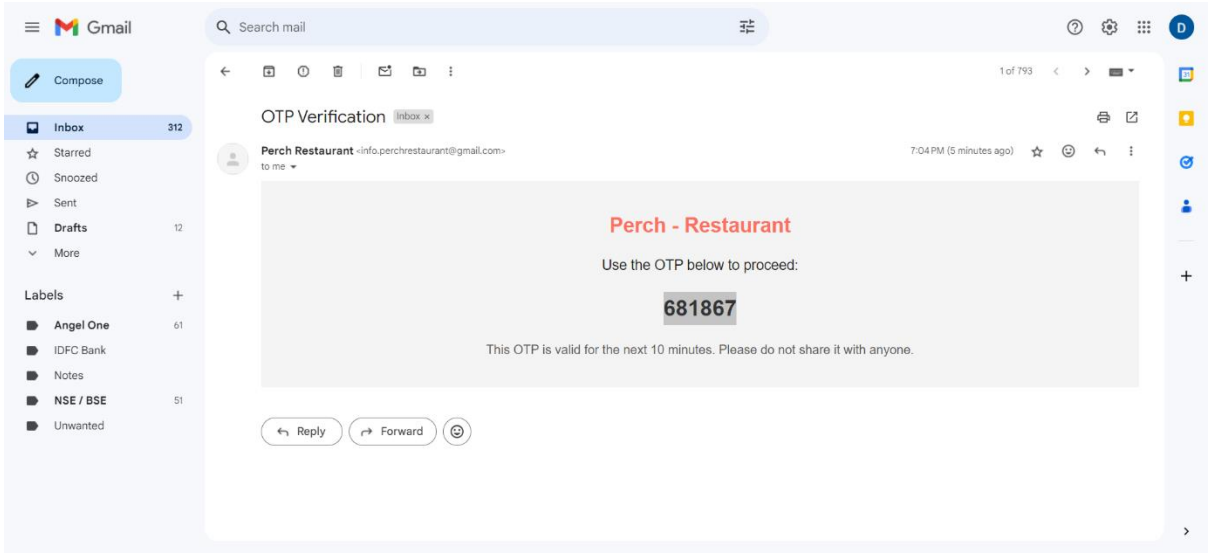
User Panel:-

Sign Up:-

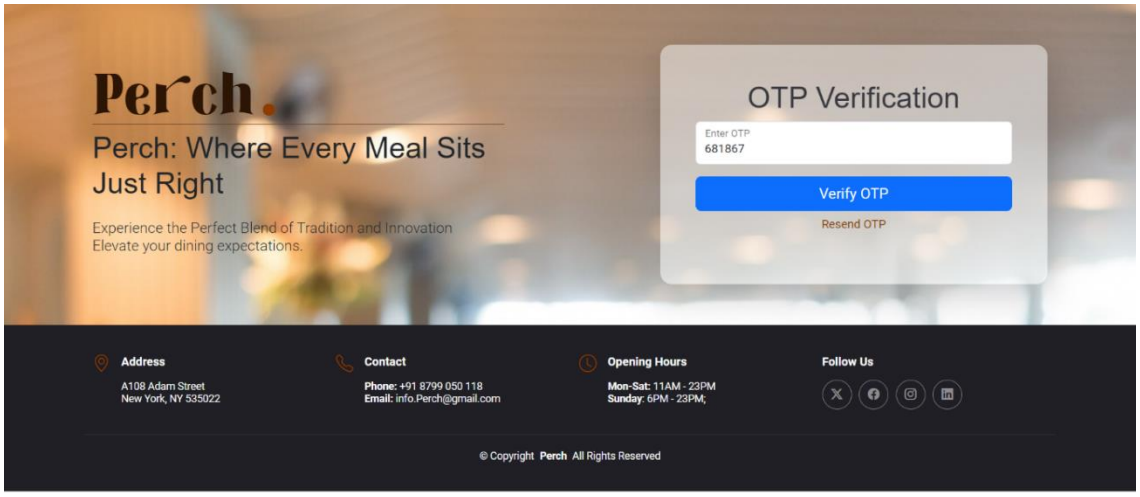


->User can Sign up by providing Email, Mobile Number, Username ,password and confirm password now OTP goes to email-id.

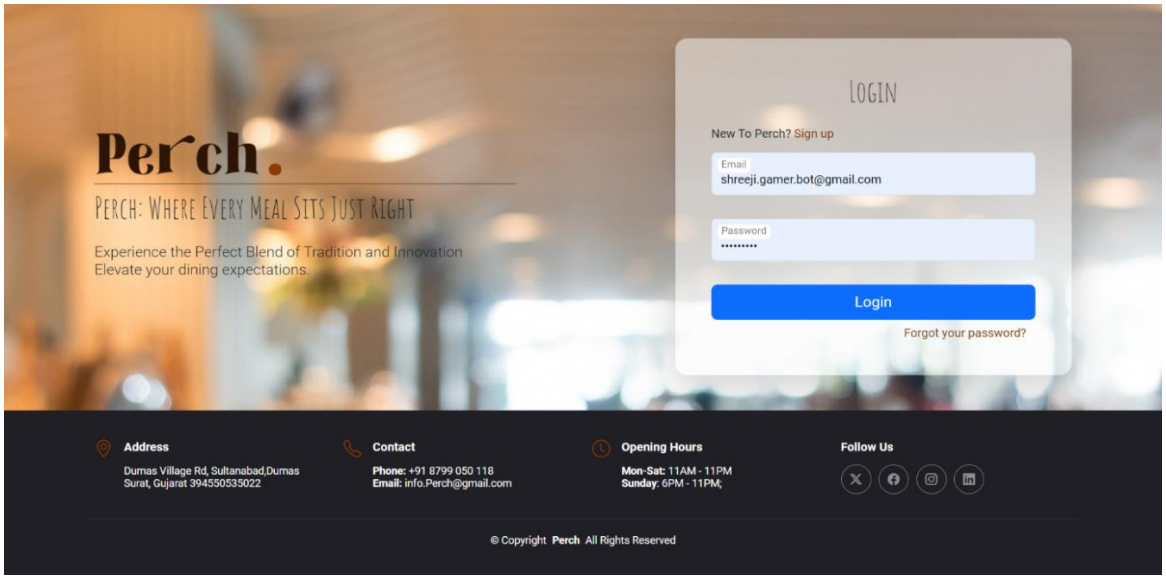
->OTP At Email:-



->OTP Verification:-

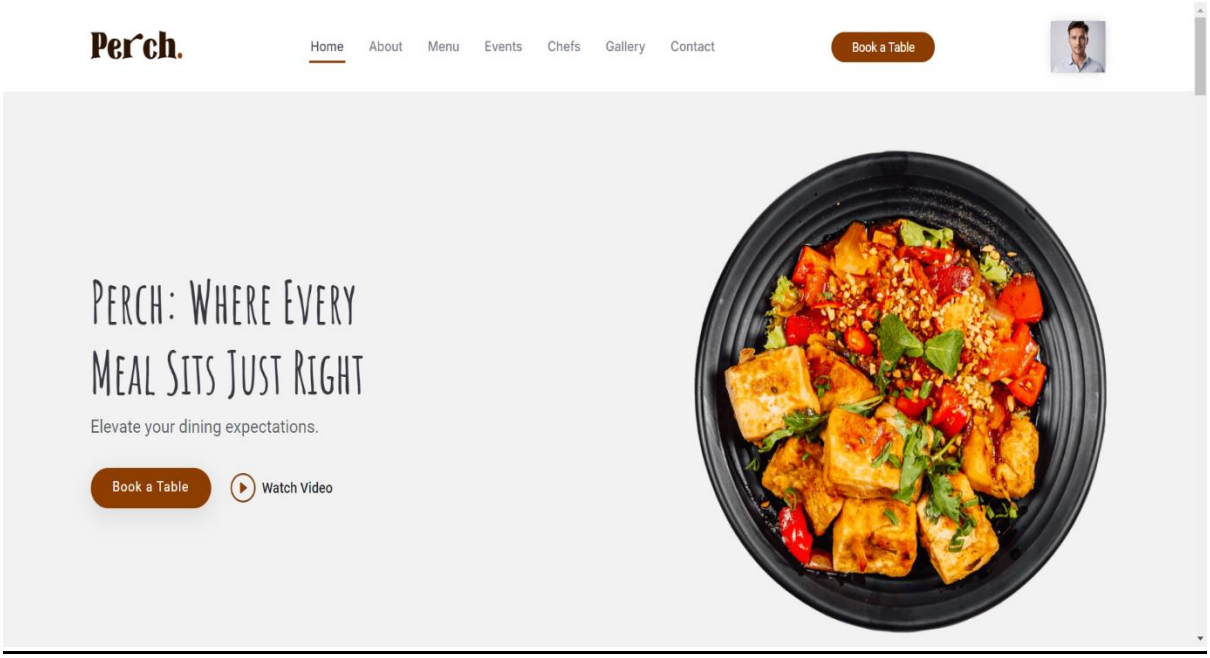


Login:-



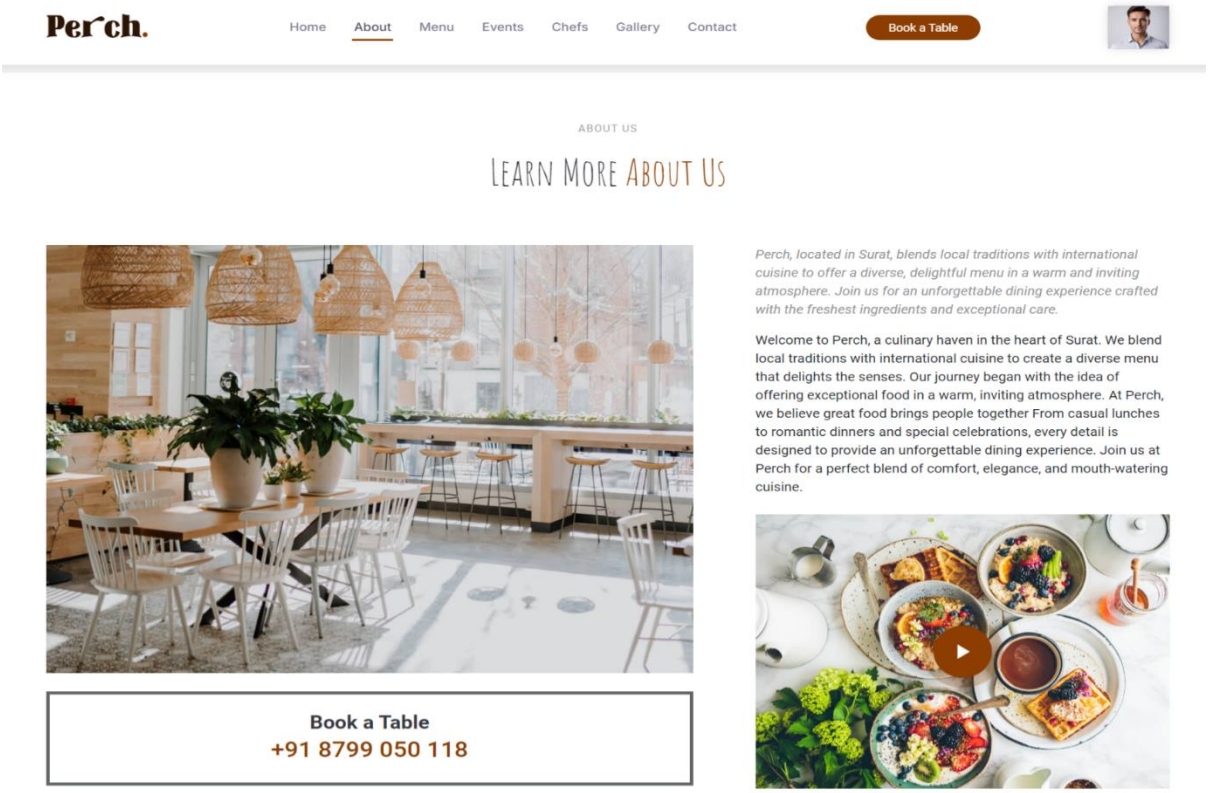
→ User Can login After Registration to the website and book a table.

->Header Section-

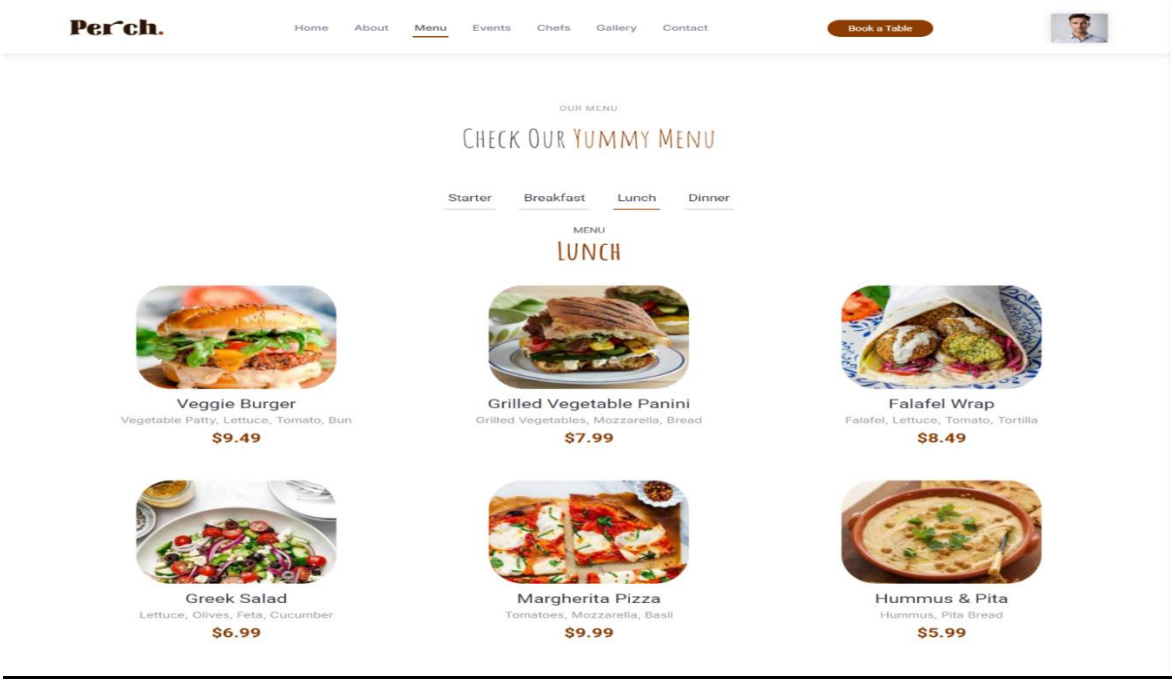


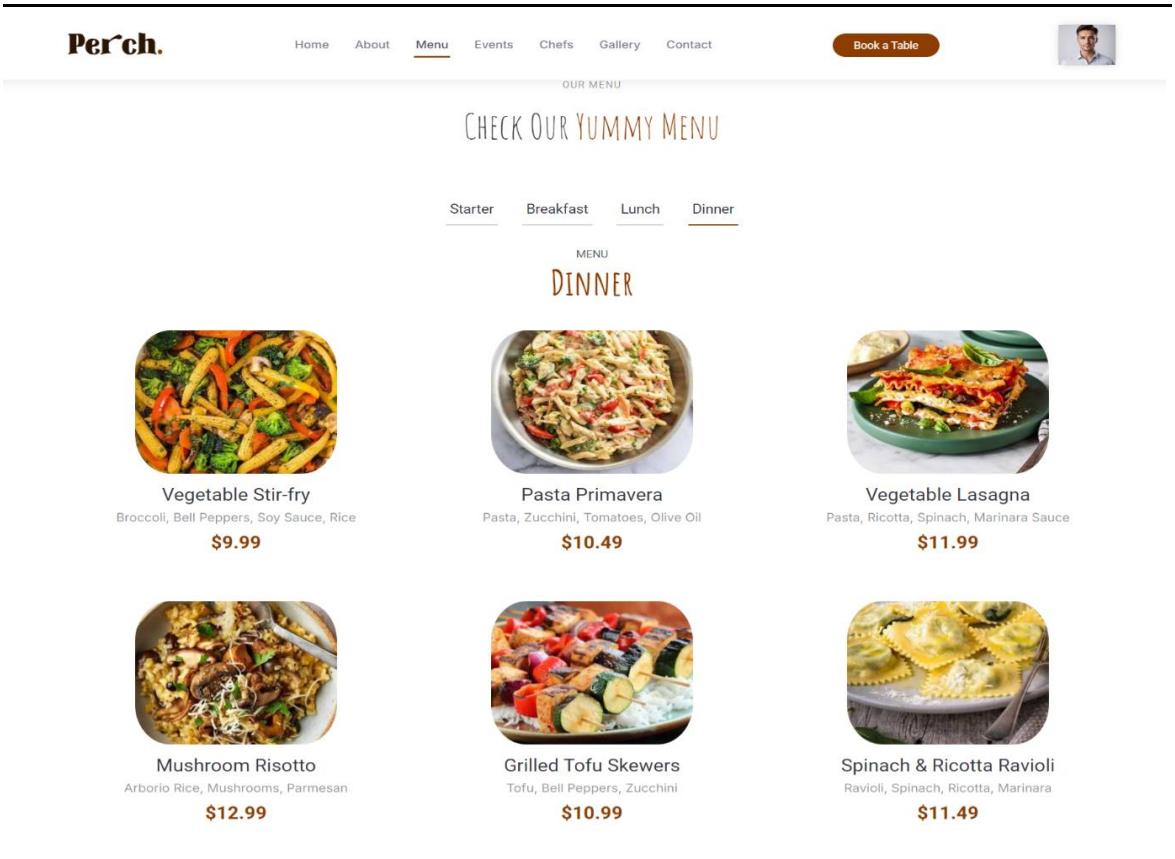
->Header Section in website here navbar so we can reach anywhere in website by clicking on it also book a table by clicking on it.

->About Us Section:-



->Menu Section:-





Perch.

Home About Menu Events Chefs Gallery Contact

Book a Table

OUR MENU

Check Our Yummy Menu

Starter Breakfast Lunch Dinner

MENU

Starter

Caprese Salad
Tomatoes, Mozzarella, Basil, Olive Oil
$4.99

Garlic Bread
Bread, Garlic, Butter
$3.49

Bruschetta
Tomatoes, Basil, Garlic, Bread
$4.99

Stuffed Mushrooms
Mushrooms, Cheese, Herbs
$5.49

Vegetable Spring Rolls
Cabbage, Carrots, Soy Sauce, Wrapper
$5.99

Grilled Asparagus
Asparagus, Olive Oil, Parmesan
$4.99

Perch.

Home About Menu Events Chefs Gallery Contact

Book a Table

Starter Breakfast Lunch Dinner

MENU

Breakfast

Veggie Omelette
Eggs, Bell Peppers, Onions, Cheese
$0.00

Avocado Toast
Bread, Avocado, Olive Oil
$5.49

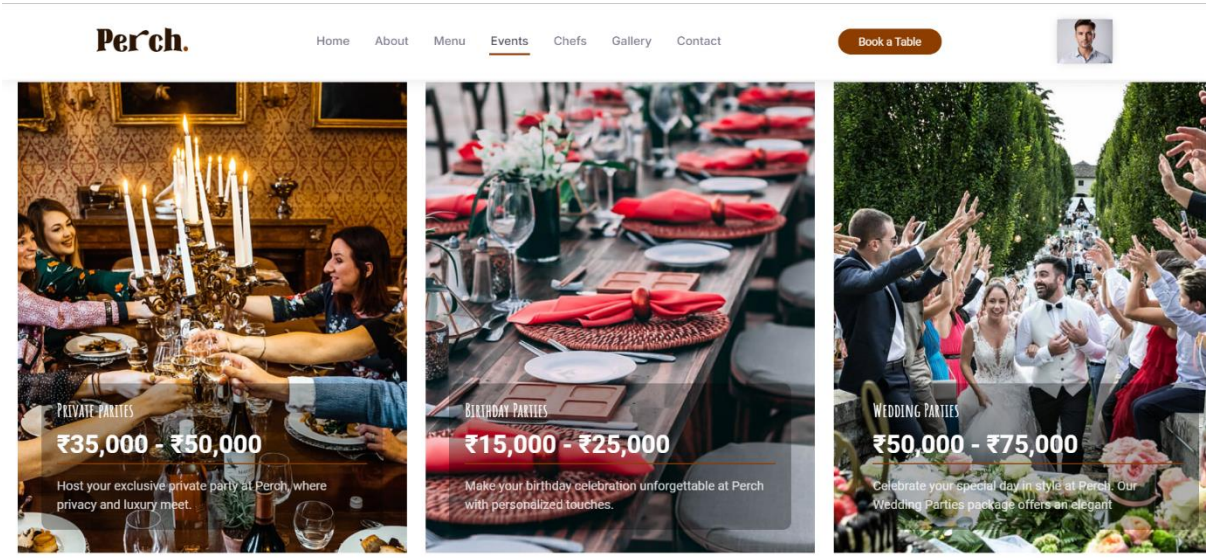
Smoothie Bowl
Berries, Yogurt, Granola
$5.99

Chia Pudding
Chia Seeds, Almond Milk, Fruits
$4.99

Fruit Salad
Seasonal Fruits
$0.00

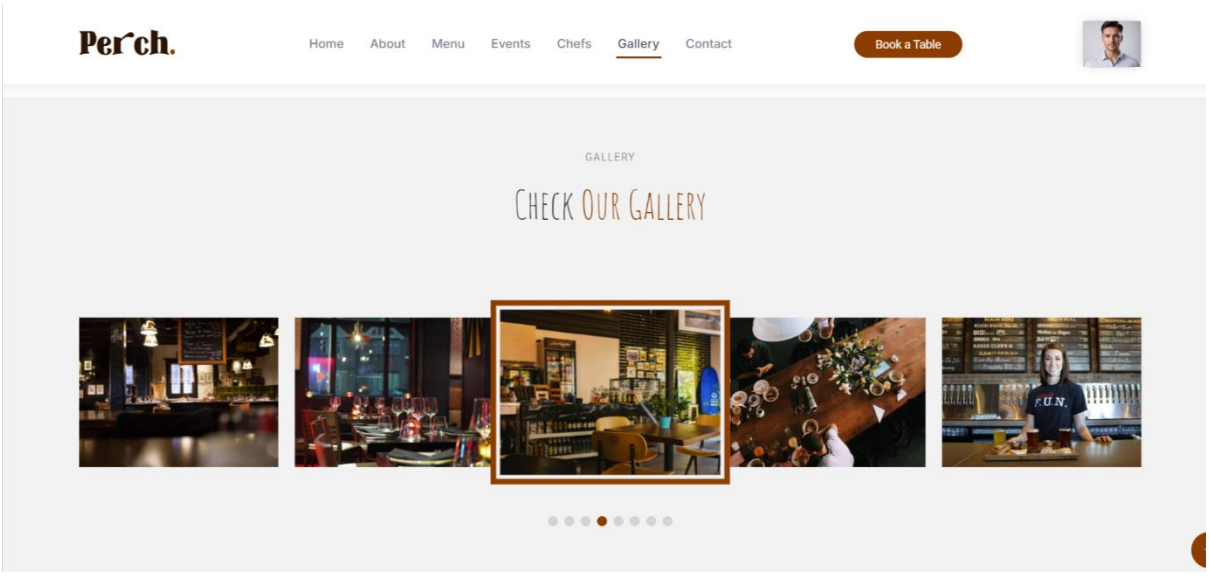
Vegetable Frittata
Zucchini, Tomatoes, Cheese
$6.49

->Events Section:-

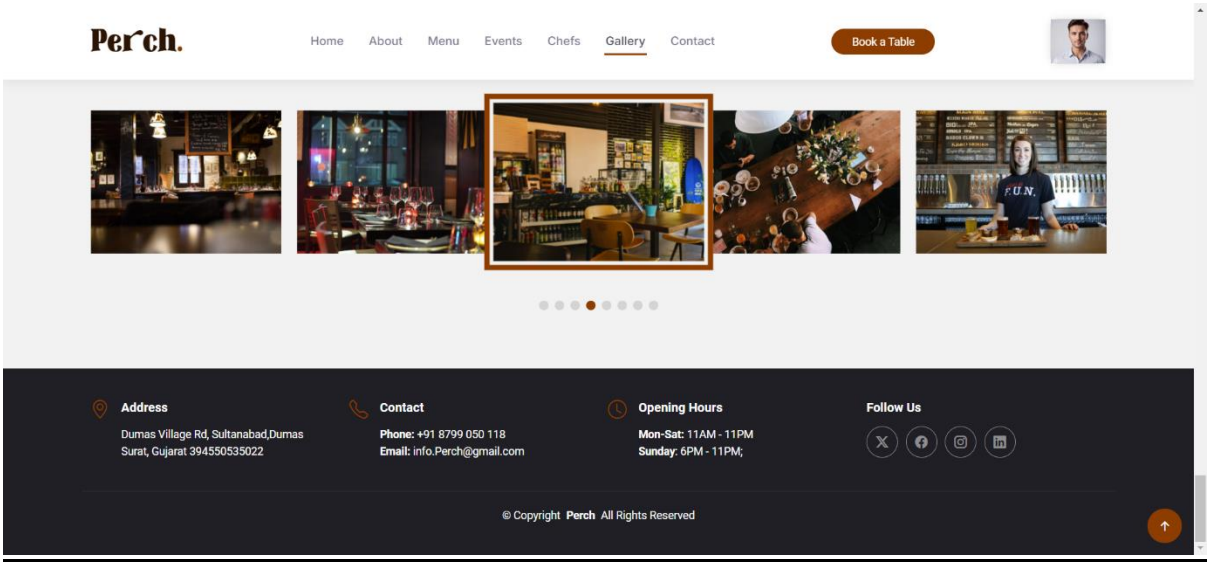


->Chefs Section:-

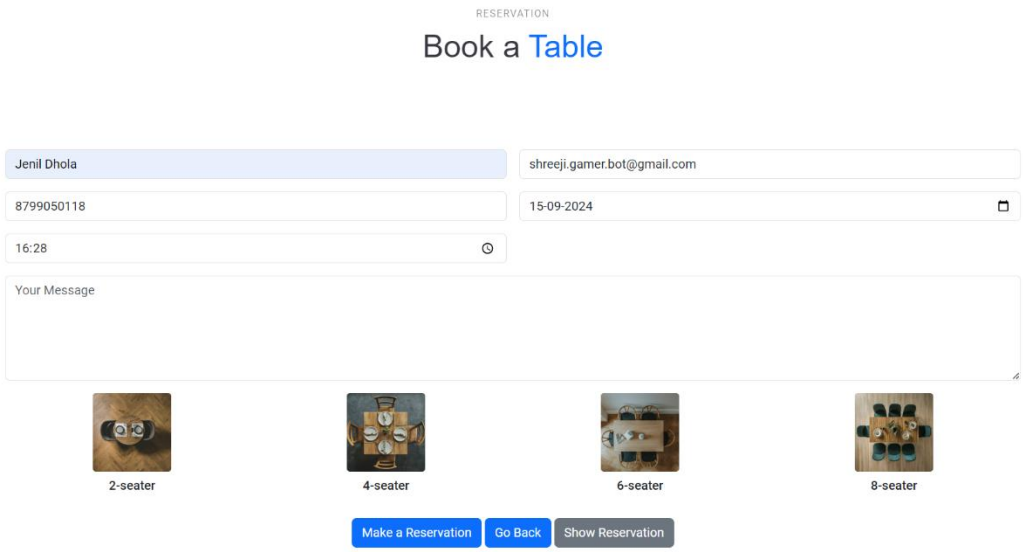
->Gallery Section:-



->Footer Section:-

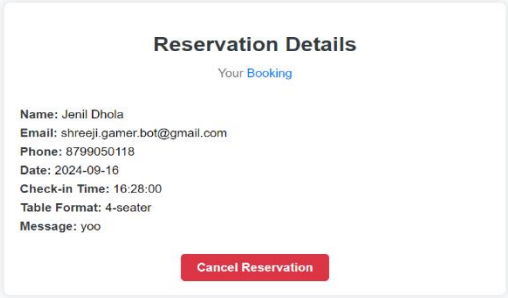


->Reservation Page:-



->User can book a table with specific date ,time and table format.

->Show Reservation:-



->User can show reservation by clicking on show reservation button And also cancel reservation within 2 hours.

9

Chapter

System Limitation and Future Enhancement

System Limitation And Future Enhancement

The project report entitled "Perch Restaurant Reservation and Management System" has successfully reached its final stage, achieving nearly all its expectations. Based on the innovative concept of **Perch**, the website has been carefully developed to ensure it is both error-free and efficient in providing a seamless dining experience.
I have made every effort to make the site dynamic, enabling regular updates to the website information as needed. Provisions have also been made for future enhancements to meet evolving requirements. Additionally, the system is secured to a satisfactory level, ensuring a safe user experience.

➲Limitations:-

- While **Perch** is a web-based application, the service is only available in specific locations, limiting its reach to a broader user base.
- Currently, customers cannot be categorized or prioritized beyond the default settings established by the admin, which limits personalization.

➲ Future Enhancement:-

-> We plan to implement a **rating and feedback feature** to enhance customer interaction and service quality assessment.
->In future phases, the system will be integrated into a desktop management application, ensuring that internal operations, such as table assignments and event planning, can also be efficiently managed.
-> The website can be upgraded with a **3D interactive menu view**, allowing customers to visualize dishes, restaurant layouts, and seating arrangements, offering an immersive experience when booking tables and events.

10

Chapter

References

10.1 Bibliography
10.2 Webography

10.1 Bibliography

All the needed information related to my project "**Perch Restaura" as Booking Website"** was being clumped from the following sources:

➲ Books:

☐ For PHP

- ✓ PHP Manual
- ✓ PHP 5 Fast & Easy Web Development, Julie C. Meloni, 2nd Ed, 2002.

10.2 Webography

➲ Sites URL:-

☐ For PHP

- ✓ www.php.net
- ✓ http://www.w3schools.com/php/

☐ For MySQL

- ✓ http://dev.mysql.com/doc

☐ For Bootstarp and CSS

- ✓ https://getbootstrap.com/
- ✓ http://css-tricks.com/
- ✓ http://cssglobe.com/