



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

SUBMITTED BY:

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Vaghadiya Niyati

Patel Khushi

Mehta Mahek

GUIDED BY:

Mr. Babubhai Aakodiya

Certificate

This to certify

that PRAJAPATI BHARGAV B

Is a student of semester – VI Bachelor of Computer Application (B.C.A SEM-VI) during academic year 2021-24 in N.P College of Computer Studies And Management, Kadi

He developed project on

The Majestic Maharaja Restaurant

Using PHP as Front End and MySQL 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.

Mr. Ankit Rami

Project Coordinator

Dr. Nirmesh B. Patel

Head of Department

Certificate

This to certify that

VAGHADIYA NIYATI LALITBHAI

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

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Ankit Rami

Project Coordinator

Dr. Nirmesh B. Patel

Head of Department

Certificate

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MAHEK AMITBHAI

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

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Project Coordinator

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PATEL KHUSHI CHANDUBHAI

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

Hedevelopedprojecton

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UsingPHPasFrontEndandMYSQLasBackEndatNPCC

SMKadi.

**Thesystemisverifiedbyusandfoundsuitableforimple
mentationat the Firm/Institute.**

Duringprojectwork,Hewassincereandregular.

AnkitRami

ProjectCoordinator

Dr.NirmeshB.Patel

HeadofDepartment

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 the theoretical and practical working. With this willing I joined this project.

First of all, I thank 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 obliged in taking the opportunity to sincerely thank to my worthy teacher Mr. Rajendra Patel sir moreover. I am highly obliged in taking 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 throughout 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 through the intricacies and complexities of today's information technology world. It covers a very wide spectrum of activities and throughout the course practical knowledge one cannot actually survive in today's 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 world to all student of the course. The objective of project training at this level is to have a practical experience of the world by undertaking a live project. The project consists of developing projects for other institutes or organizations.

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1.) PROJECTPROFILE

PROJECTTITLE:-THE MAJESTIC MAHARAJA RESTAURANT

PROJECTDEFINITION:- THE MAJESTIC MAHARAJA RESTAURANT is efficient way to manage different module of University like Admin Module, Result Module,

1.INTERNALGUIDE:-Mr.Babubhai Aakodiya

FRONTEND

BACKEND

TEAM NUMBER: - 4

GROUPDETAIL:-

N0	NAME	ROLL.NO.	ENROLLMENTNO	EXEAM NO
1	PRAJAPATI BHARGAV BABUBHAI	130	22BCA24080	165141
2	VAGHADIYA NIYATI LALITBHAI	145	22BCA24250	166161
3	MEHTA MAHEK AMITBHAI	185	22BAC24066	166048
4	PATEL KHUSHI CHANDUBHAI	119	22BCA24110	165107

2) PRELIMINARY INVESTIGATION

2.1) NEED OF PROJECT

- THE MAJESTIC MAHARAJA RESTAURANT
Provide powerful database security to user.
- Only admin can access functionality of this system.
- System can manage all basic module of university in one platform.

2.2) PROJECT SCOPE &

LIMITATION PROJECT SCOPE:

- Our system is designed to improve management and reduce workload of restaurant.
- Admin have major authority of this system, he can add and remove and booked.

LIMITATION:

- This system is only for THE MAJESTIC MAHARAJA RESTAURANT, so only admin can use its functionality.
- Only admin accesses all feature.

2.3) Existing system

- Existing system had physical files and record, so difficult to manage.
- In existing system more paper work compared to new system.
- It was very time consuming.

2.4) ADVANTAGES&DISADVANTAGESOFEXISTINGSYSTEM

Advantages:-

- Cost-ineffective.
- Anydevises(mobileorcomputer)arenotrequired.
- Internetisrequired.

Disadvantages:-

- Existingsystemistimeconsuming,timewasting.
- Dataandfile recordsarenotsecureforlongtime.
- Physicalfile datacanbe Destroy.

2.5) ProposedSystem

- Mainproposeofthissystemismakeeasytomanagementofsystemandincreasedfunctionality.
- Systembeingeasytounderstandforalluser.
- Providingbestsecurityfeaturesforuser.

2.6) FEASIBILITYSTUDY

❖ EconomicFeasibility:-

- Allhardwareandsoftwarecosthastobebornebytheorganization.
- Overall, we have estimated that the benefits the organization isgoingtoreceivefromtheproposedsystemwillsurelyovercometheinitialcostsandthelateronrunningcostfor system.

❖ Technical Feasibility:-

- This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system.

❖ Operational Feasibility:-

- No doubt the proposed system is fully GUI based that is very userfriendly and all inputs to be taken all self-explanatory even to a layman.
- As far as our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

3) SYSTEM REQUIREMENTS SPECIFICATION

3.1) HARDWARE & SOFTWARE at server side:

Hardware specification:-

- ✚ RAM-4GB (Minimum)
- ✚ Hard-disk-10GB (Minimum)
- ✚ Intel Core i5 or AMD A8 (Better Performance)

Software Specification:-

- ✚ PHP 7.3.30 ✚
- MySQL
- ✚ Web Server: Apache, Wamp Server, Xampp Server-version 7.3.30, ✚
- Visual Studio Code (version 1.60)
- ✚ Web Browser (JavaScript Supported)

3.2) HARDWARE & SOFTWARE at client side:

Hardware specification:-

- ✚ RAM-2GB (Minimum)
- ✚ Hard-disk 10GB (Minimum) ✚
- Any Processor.

Software Specification:-

- + Window, Linux, ParrotOS (user can use any operations system except dos.)
- + Web Browser
- + JavaScript enabled

3.3) **Non-Functional Requirements:-**

❖ **Security:**

- + Only Admin can access the system with username and password.
- + The details of user must be safe and secure.

❖ **Performance:**

- + Web pages are loaded in few seconds.
- + Easy tracking of records and updating can be done.

❖ **User Friendly:**

- + The system is very interactive and menu-based interface.

❖ **Maintainability:**

- + The database must be kept backed up

❖ **Availability:**

- + The system is available 100% for the user and is used 24 hrs. a day and 365 days a year.

3.4) FRONTEND AND ITS NEED

HTML:-

- ✚ The Hypertext Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser.
- ✚ It is used to generate a webpage.
- ✚ It provides a means to describe the structure of text-based information in a document.

CSS:-

- ✚ Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML.
- ✚ Target various screen sizes to make a webpage responsive
- ✚ Primarily handle the "Look and Feel" of a webpage

JavaScript:-

- ✚ Interactivity to a webpage.
- ✚ Handles complex functions and features
- ✚ Frontend validation

Bootstrap:-

- ✚ Speed development
- ✚ Customizable
- ✚ Contains grid system
- ✚ It is well documented
- ✚ and supported
- ✚ Makes responsive website

3.5) BACKEND AND ITS NEED

PHP:-

- + PHP is a general-purpose scripting language geared towards web development.
- + PHP can generate dynamic page content.
- + PHP runs on various platforms (Windows, Linux, UNIX, MacOSX, etc.).
- + PHP supports a wider range of databases.

MYSQL: -

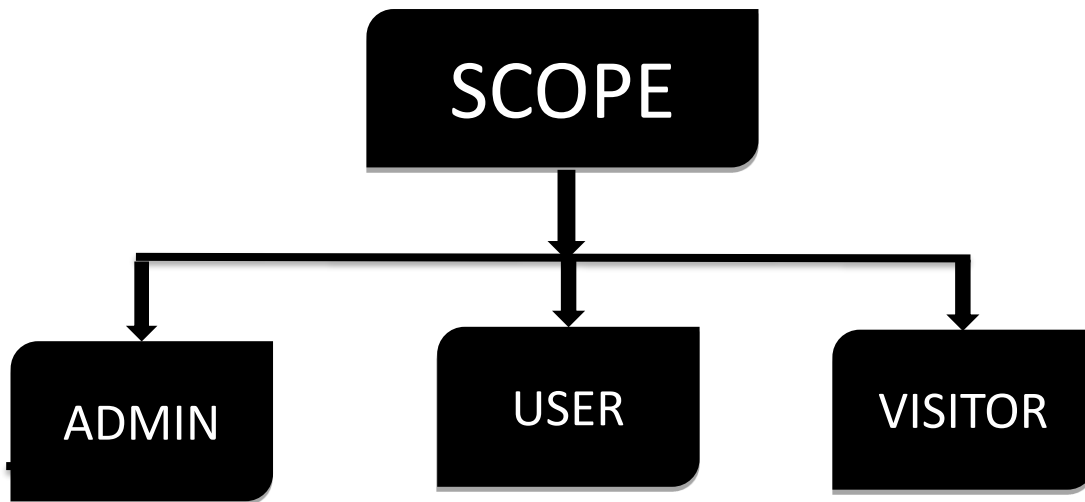
- + MySQL is globally renowned for being the most secure and reliable database management system.
- + MySQL is globally renowned for being the most secure and reliable database management system.
- + MySQL is very fast, reliable, and easy to use.

XAMPP Server:-

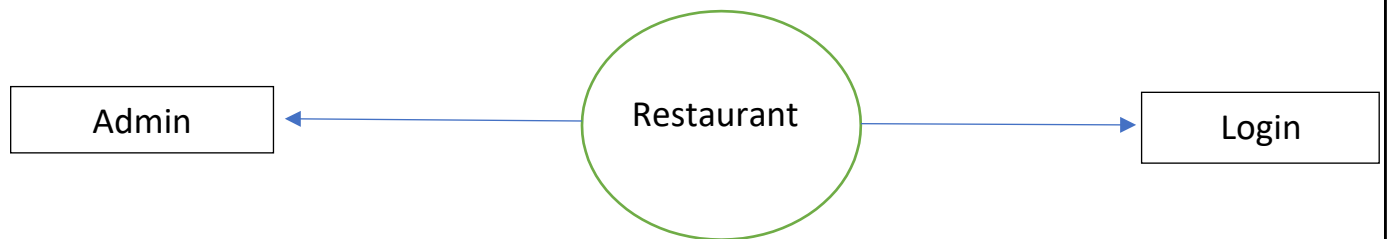
- + XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.
- + It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system it hosts itself.

4.1)HIERARCHICALCHART

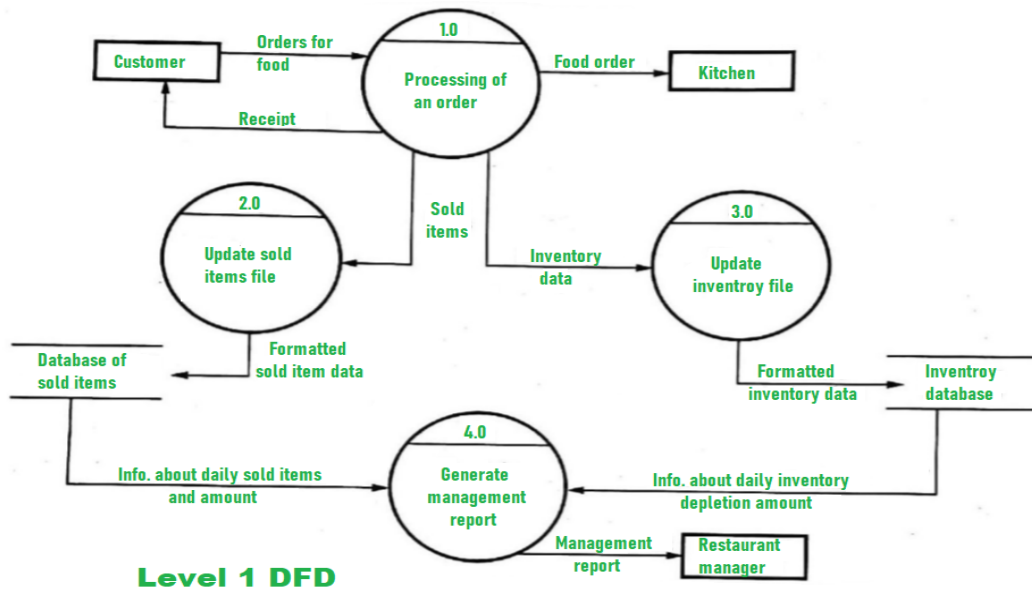
HierarchicalChart



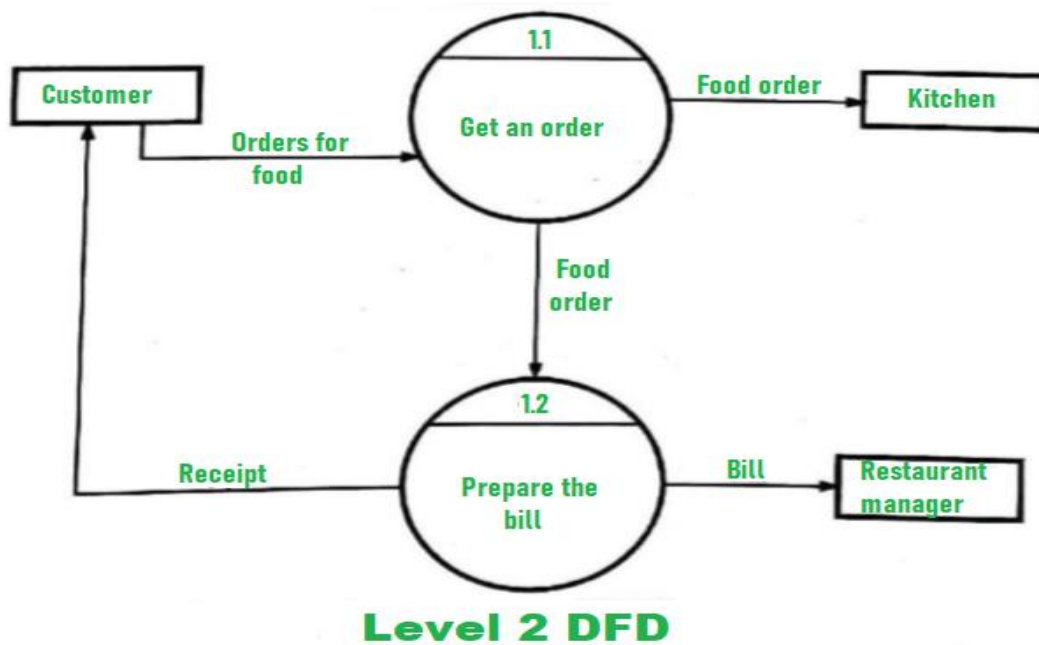
CONTEXTLEVELDFD:



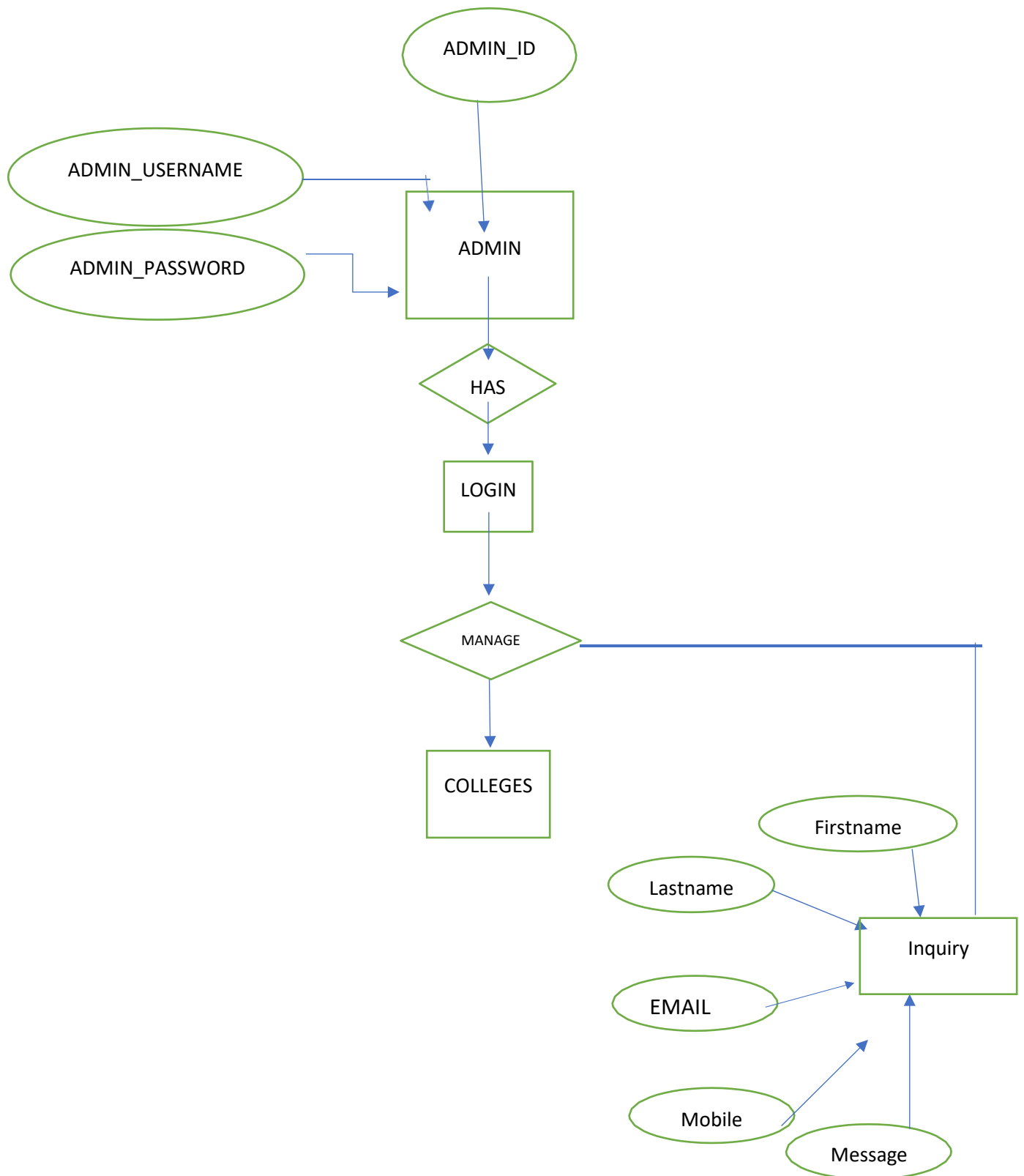
1st LEVEL DFD:



2ND LEVEL DFD DIAGRAM



ER DIAGRAM:-



4.4)DATADICTIONARY:

1)ADMINTABLE

PRIMARY KEY:

ADMIN_IDFOREIGNKEY:

FIELD NAME	DATATYPE	FILED SIZE	CONSTRAINT	DESCRIPTION
ADMIN_ID	INT	11	PRIMARYKEY	ADMINID
ADMIN_USERNAME	VARCHAR	100	NOT NULL	ADMIN USERNAME
ADMIN_PASSWORD	VARCHAR	100	NOT NULL	ADMINPAS SWORD
Role	INT	11	NOT NULL	ADMIN ROLE

3)INQUIRYTABLE

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: tblssss

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.
Message	Text	Null	Sent message.

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.

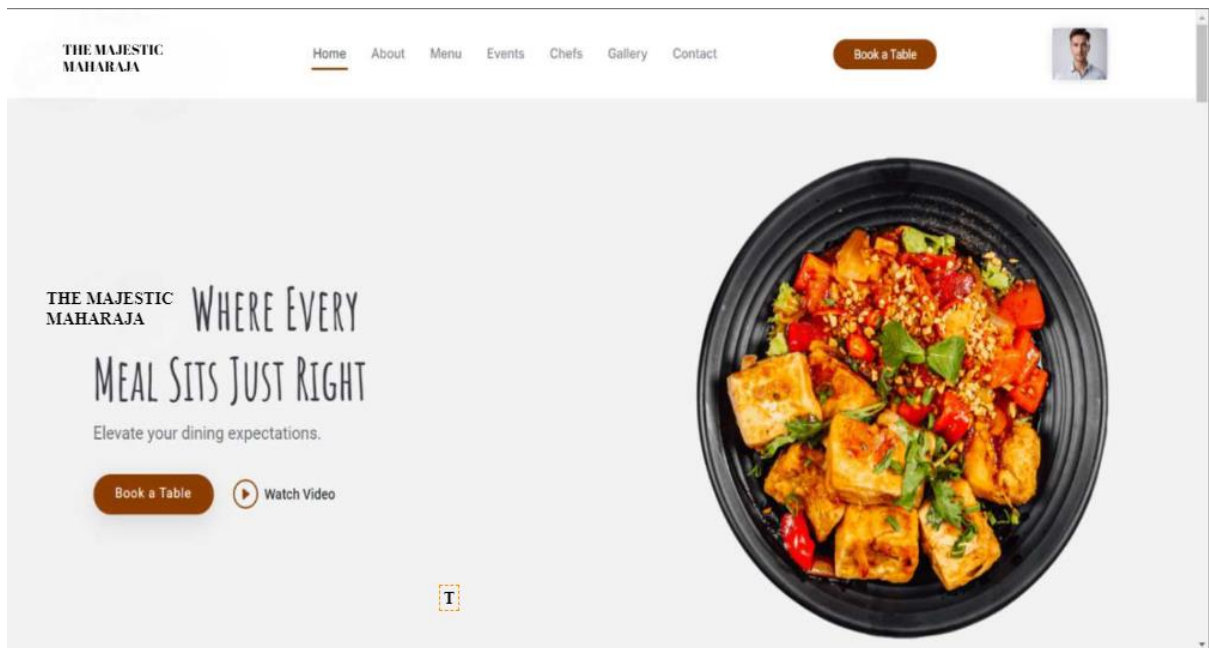
Table Name: tblusers

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.

SCREENSHOTS:-

HOMEPAGE




ABOUT US

THE MAJESTIC
MAHARAJA

[Home](#) [About](#) [Menu](#) [Events](#) [Chefs](#) [Gallery](#) [Contact](#)


Book a Table



T

ABOUT US

LEARN MORE ABOUT US




Book a Table

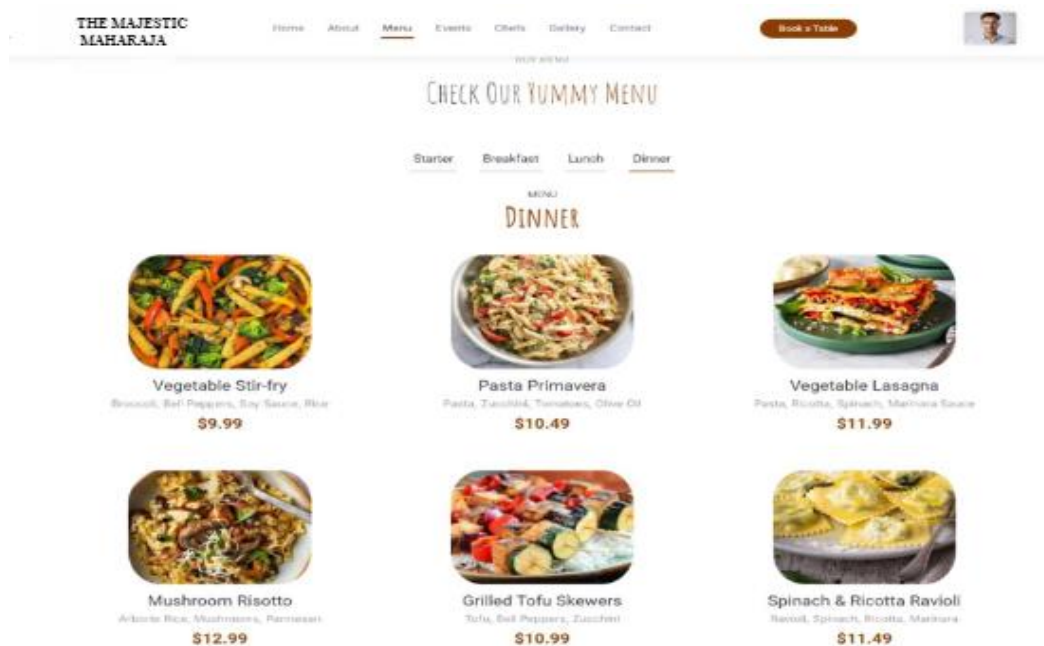
+91 8799 050 118

Perch, located in Surat, blends local traditions with international cuisine to offer a diverse, delightful menu in a warm and inviting atmosphere. Join us for an unforgettable dining experience crafted with the freshest ingredients and exceptional care.

Welcome to Perch, a culinary haven in the heart of Surat. We blend local traditions with international cuisine to create a diverse menu that delights the senses. Our journey began with the idea of offering exceptional food in a warm, inviting atmosphere. At Perch, we believe great food brings people together. From casual lunches to romantic dinners and special celebrations, every detail is designed to provide an unforgettable dining experience. Join us at Perch for a perfect blend of comfort, elegance, and mouth-watering cuisine.



Menu Section:-





OUR MENU

CHECK OUR YUMMY MENU

[Starter](#) [Breakfast](#) [Lunch](#) [Dinner](#)

MENU

LUNCH



Veggie Burger

Vegetable Patty, Lettuce, Tomato, Bun

\$9.49



Grilled Vegetable Panini

Grilled Vegetables, Mozzarella, Bread

\$7.99



Falafel Wrap

Falafel, Lettuce, Tomato, Tortilla

\$8.49



Greek Salad

Lettuce, Olives, Feta, Cucumber

\$6.99



Margherita Pizza

Tomatoes, Mozzarella, Basil

\$9.99



Hummus & Pita

Hummus, Pita Bread

\$5.99

Reservation

RESERVATION

Book a Table

Jenil Dhola shreeji.gamer.bot@gmail.com

8799050118 15-09-2024

16:28

Your Message

2-seater 4-seater 6-seater 8-seater

Make a Reservation Go Back Show Reservation

Show Reservation

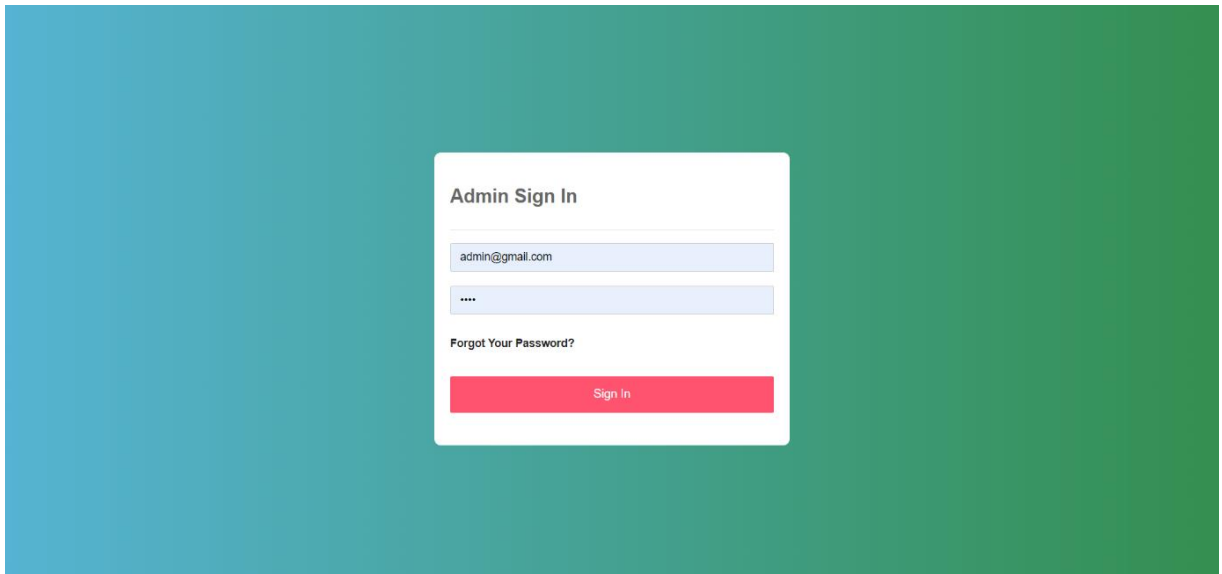
Reservation Details

Your Booking

Name: Jenil Dhola
Email: shreeji.gamer.bot@gmail.com
Phone: 8799050118
Date: 2024-09-16
Check-in Time: 16:28:00
Table Format: 4-seater
Message: yoo

Cancel Reservation

ADMINLOGIN



The image shows a web form titled "Admin Sign In" centered on a background with a green-to-blue gradient. The form is a white rounded rectangle containing two input fields: the first contains the email "admin@gmail.com" and the second contains four dots for a password. Below the password field is a link "Forgot Your Password?". At the bottom of the form is a red button labeled "Sign In".

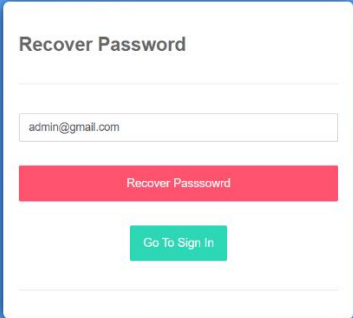
Admin Sign In

admin@gmail.com

[Forgot Your Password?](#)

Sign In

Forget Password:-

A screenshot of a 'Recover Password' form centered on a blue background. The form is white with a title 'Recover Password' at the top. Below the title is a text input field containing the email address 'admin@gmail.com'. Underneath the input field is a red button labeled 'Recover Password'. At the bottom of the form is a green button labeled 'Go To Sign In'.

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

