

A  
*Project Report*  
*Submitted in partial fulfilment of the*  
*Requirements for the award of the Degree of*  
**BACHELOR OF ENGINEERING**  
**IN**  
**INFORMATION TECHNOLOGY**

By  
**SRIRAM L (1602-19-737-114)**  
**VIVEK RAJ (1602-19-737-122)**  
**ABUBUKAR (1602-19-737-083)**

*Under guidance of*

**KEZIA RANI**

Professor



**Department of Information Technology**  
**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University) Ibrahimbagh,**  
**Hyderabad-31 2021-2022**  
**Vasavi College of**  
**Engineering**  
**(Autonomous)**

**(Affiliated to Osmania University) Ibrahimbagh,  
Hyderabad-31**

**Department of Information Technology**



### **DECLARATION BY THE CANDIDATES**

We, **VIVEK RAJ, ABUBAKAR, SRIRAM** bearing hall ticket numbers, **1602-19-737-122, 1602-19-737-083, 1602-19-737-114** hereby declare that the project report entitled “**QUICK FOODIE**” under the guidance of **KEZIA RANI**, Professor, Department of Information Technology, Vasavi College of Engineering, Hyderabad, is submitted in partial fulfilment of the requirement of MINI PROJECT of V semester of **Bachelor of Engineering in Information Technology**.

This is a record of bonafide work carried out by us and the results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

**SRIRAM L (1602-19-737-114)**

**VIVEK RAJ (1602-19-737-122)**

**ABUBUKAR (1602-19-737-081)**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University) Ibrahimbagh,**  
**Hyderabad-31**  
**Department of Information Technology**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled " **QUICKFOODIE**" being submitted by , **VIVEK RAJ, ABUBAKAR, SRIRAM** bearing hall ticket numbers, **1602-19-737-122, 1602-19-737-083, 1602-19-737-114** in partial fulfilment of the requirements for the completion of MINI PROJECT of Bachelor of Engineering in Information Technology is a record of bonafide work carried out by them under my guidance.

**KEZIA RANI**  
**Professor**  
**Internal Guide**

**Dr. K. Ram Mohan Rao**  
**HOD, IT**

## **ACKNOWLEDGEMENT**

The satisfaction that accompanies the successful completion of the project would not have been possible without the kind support and help of many individuals. We would like to extend my sincere thanks to all of them. We would like to take the opportunity to express our humble gratitude to **KEZIA RANI** (Professor) under whom we executed this project. We would also use this opportunity to thank our Head Of Department Dr. K.Ram Mohan Rao. We would also like to thank all faculty members and staff of the Department of Information Technology for their generous help in various ways for the completion of this project.

## **ABSTRACT**

The QUICKFOODIE described in this document has been designed to fill a specific niche in the market by providing small restaurants with the ability to offer their customers an online ordering option without having to invest large amounts of time and money in having custom software designed specifically for them. The system, which is highly customizable, allows the restaurant employees to easily manage the site content, most importantly the menu, themselves through a very intuitive graphical interface.

The website, which is the only component seen by the restaurant customers, is then built dynamically based on the current state of the system, so any changes made are reflected in real time. Visitors to the site, once registered, are then able to easily navigate this menu, add food items to their order, and specify delivery options with only a few clicks, greatly simplifying the ordering process. Back in the restaurant, placed orders are promptly retrieved and displayed in an easily readable format for efficient processing.

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# **CHAPTER 1**

## **TITLE DESCRIPTION**

Quickfoodie is a web application which we have developed to provide a platform to fill a specific niche in the market by providing small restaurants with the ability to offer their customers an online ordering option without having to invest large amounts of time and money in having custom software designed specifically for them. The system, which is highly customizable, allows the restaurant employees to easily manage the site content, most importantly the menu, themselves through a very intuitive graphical interface and this website contains different categories of food. For each category we'll have different variety of food. User can browse all categories and food items and can also order the food. Admin can add update or delete food and its categories, they can also manage and track food order and delivery.

# **CHAPTER 2**

## **SOFTWARE REQUIREMENTS SPECIFICATIONS**

### **2.1 Introduction**

#### **2.1.1 Purpose**

In search of proper platform that helps to order food online easily. User can browse all categories and food items and can also order the food. Admin can add update or delete food and its categories, they can also manage and track food order and delivery.



### 2.1.2 Overview

The specifications include product perspective and the functionalities that the system will provide. The user characteristics, any general constraints or assumptions and dependencies are discussed below.

Requirements are categorized as performance, non-functional requirements and design constraints. Non-functional requirements are scalability, maintainability and dependence.

## 2.2 User Characteristics

### a) user:

- The user can register in our website free of cost.
- He/she can and access the features after logging in.
- They can order their desired food, preview various varieties of food and order them.

### b) Administrator:

- Admin is responsible for maintaining and updating website
- Admin has access to database.
- Admin can add or delete food items and its categories.
- All the payment history and delivery status is stored in database.

## 2.3 System Requirements

### 2.3.1 Hardware Requirements

- 1GB RAM
- 1GB CORE

### 2.3.2 Software Requirements

#### INTERPRETER:

Visual Studio Code- It features a lightning-fast source code editor, perfect for day-to-day use. With support for hundreds of languages, VS Code helps you be

instantly productive with syntax highlighting, bracket-matching, auto indentation, box-selection, snippets, and more.

.

- **XAMPP CONTROL:**

PHPMYADMIN is easy and sophisticated tool for backend connection and managing the database.

## **2.4 Design Constraints**

- Software Constraints: Users can run this application in windows.
- Hardware Constraints: The system will run on a core processor with minimum 400MB ram.
- Acceptance Criteria: Before accepting, the developer must check whether the application is running properly or not and should also check whether the data is stored correctly.

## **CHAPTER 3**

### **SYSTEM DESIGN**

#### **3.1 Architecture and Technology Use**

##### **Front-End:**

- 1) HTML
- 2) CSS
- 3) JAVA SCRIPT 4) BOOTSTRAP

##### **Back-End:**

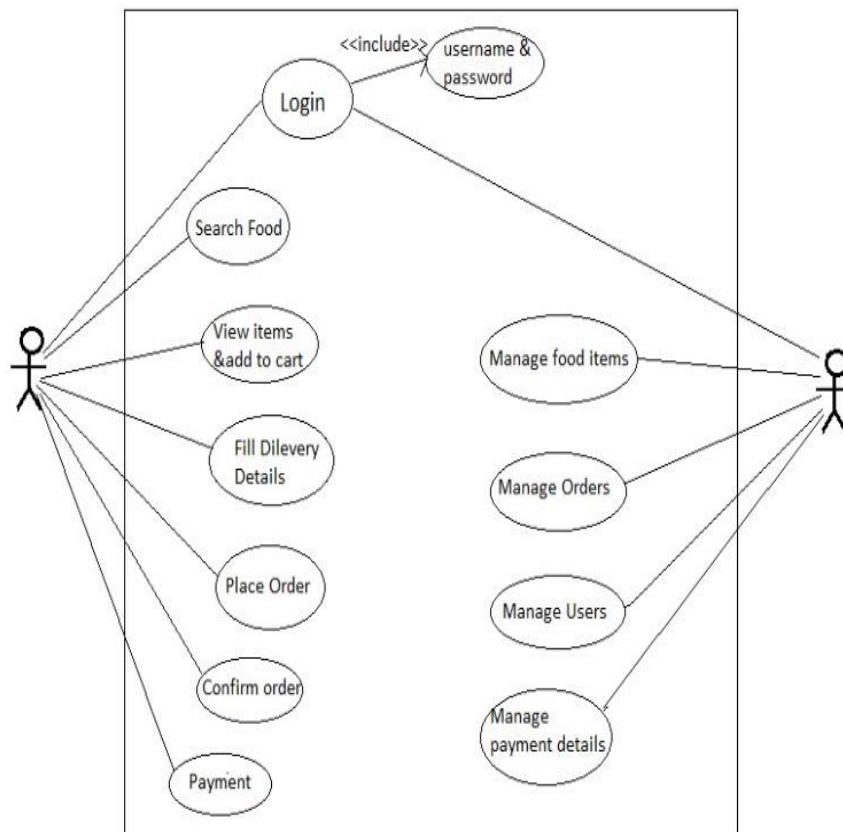
- 1) SQL
- 2) PHP

MY SQL for connectivity

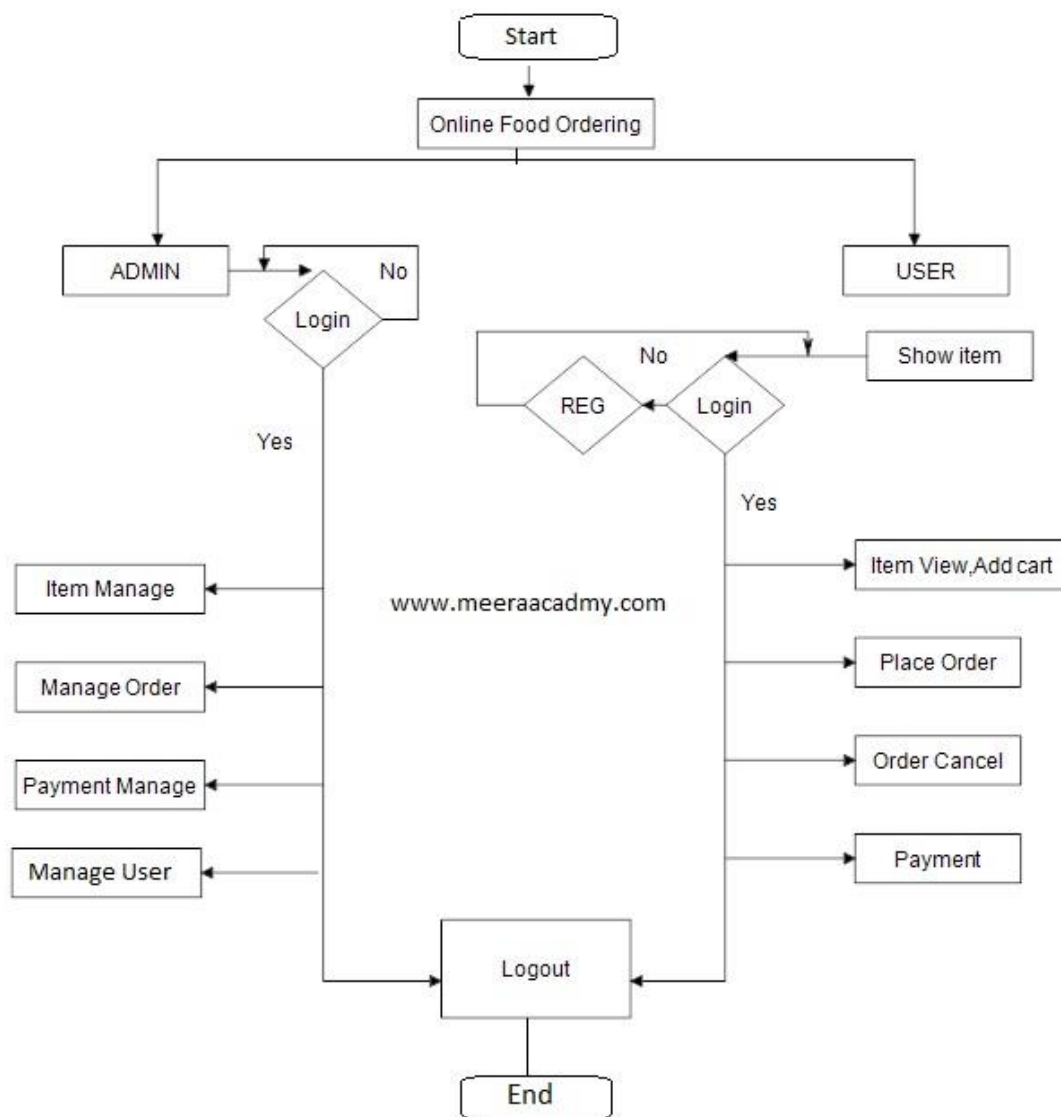
### 3.2 UML Diagrams

#### Use-case Diagram :

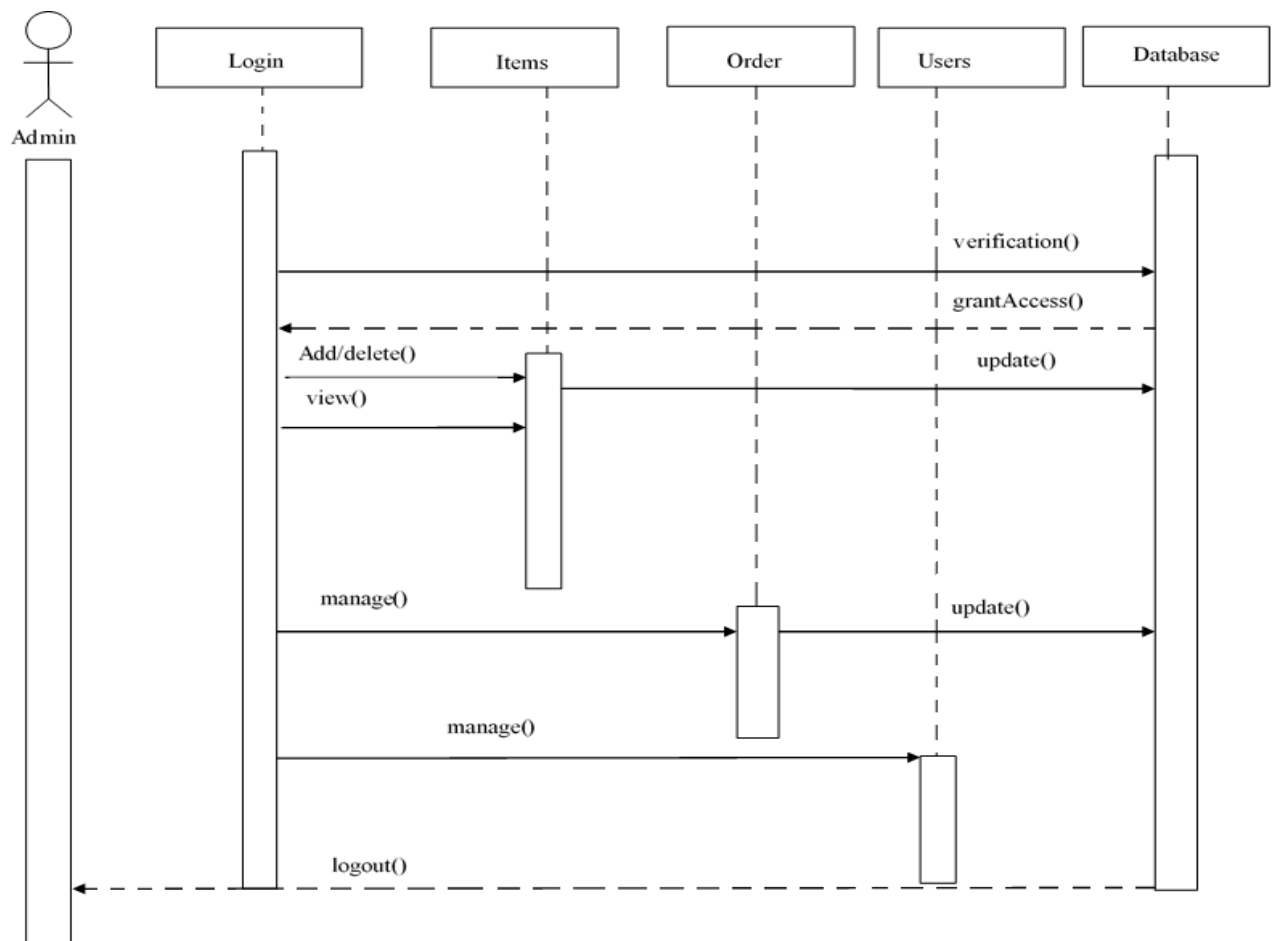
Use case diagrams are the diagrammatic representations depicting users' interactions with the system. This diagram shows different types of users and various ways in which these users interact with the system.



## Flow Chart:



## Sequence Diagram:



## **CHAPTER 4**

### **IMPLEMENTATION**

#### **4.1 System Architecture (Design)**

##### **USER:**

Users of the web ordering system, namely restaurant customers, must be provided the following functionality:

- Create an account.
- Log in to the system.
- Navigate the restaurant's menu.
- Select an item from the menu.
- Customize options for a selected item.
- Add an item to their current order.
- Review their current order.
- Remove an item/remove all items from their current order.
- Provide delivery and payment details.
- Place an order.
- Receive confirmation in the form of an order number.

As the goal of the system is to make the process of placing an order as simple as possible for the customer, the functionality provided through the web ordering system is restricted to that which most pertinent to accomplish the desired task. All of the functions outlined above, with the exceptions of account creation and management, will be used every

time a customer places an order. By not including extraneous functions, I am moving towards my goal of simplifying the ordering process.

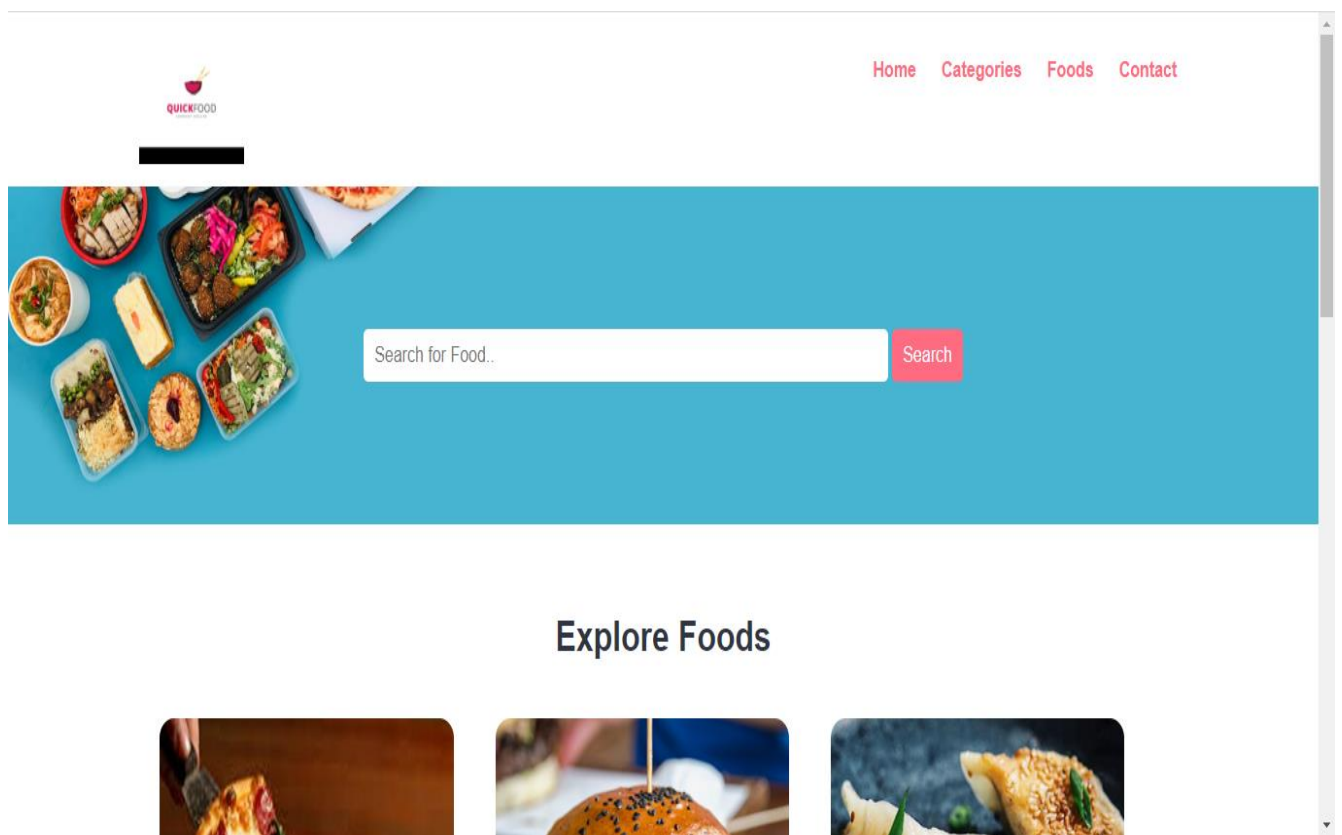
#### **ADMIN:**

The menu management system will be available only to admin and will, as the name suggests, allow them to manage the menu that is displayed to users of the web ordering system. The functions afforded by the menu management system provide user with the ability to, using a graphical interface:

- Add a new/update/delete vendor to/from the menu.
- Add a new/update/delete food category to/from the menu.
- Add a new/update/delete food item to/from the menu.
- Add a new/update/delete option for a given food item.
- Update price for a given food item.
- Update default options for a given food item.
- Update additional information (description, photo, etc.) for a given food item.

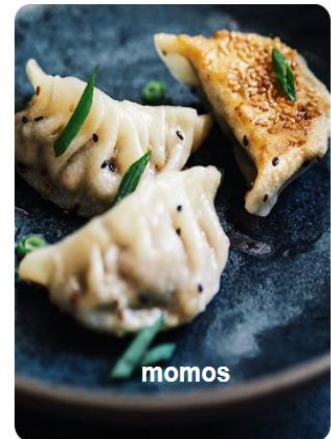
It is anticipated that the functionality provided by this component will be one of the first things noted by the restaurant user, as they will have to go through it to configure their menu, etc. before beginning to actually take orders. Once everything is initially configured, however, this component will likely be the least used, as menu updates generally do not occur with great frequency.

## 4.2 IMPLEMENTATION





## Explore Foods



## Food Menu



**paneertikka pizza**  
Rs.200.00  
made with indian spice and cheese

[Order Now](#)



**indian burger**  
Rs.150.00  
delicious burger with indian style

[Order Now](#)



**momo**  
Rs.130.00  
delicious

[Order Now](#)

[See All Foods](#)





## Foods on "pizza"

### Food Menu



#### paneertikka pizza

Rs.200.00

made with indian spice and cheese

[Order Now](#)

# Login

Please login to access Admin Panel.

Username:

Password:

Created By - [Vivek Sriram Abu](#)

## Dashboard

Login Successful.

5

Categories

3

Foods

4

Total Orders

Rs.500.00

Revenue Generated

Quickfoodie. Developed By - [Vivek\\_Sriram\\_Abubakar](#)

## Manage Admin

Add Admin

S.N.	Full Name	Username	Actions		
1.	ROOT	root	<a href="#">Change Password</a>	<a href="#">Update Admin</a>	<a href="#">Delete Admin</a>
2.	administrator	admin	<a href="#">Change Password</a>	<a href="#">Update Admin</a>	<a href="#">Delete Admin</a>
3.	VIVEK RAJ	vivek	<a href="#">Change Password</a>	<a href="#">Update Admin</a>	<a href="#">Delete Admin</a>

Quickfoodie. Developed By - [Vivek\\_Sriram\\_Abubakar](#)

## Update Admin

Full Name:

Username:

[Update Admin](#)

## Change Password

Current Password:

New Password:

Confirm Password:

[Change Password](#)

## Add Admin

Full Name:




Username:

Password:

[Add Admin](#)

## Manage Category

[Add Category](#)

S.N.	Title	Image	Featured	Active	Actions
1.	pizza		Yes	Yes	<a href="#">Update Category</a> <a href="#">Delete Category</a>
2.	burger		Yes	Yes	<a href="#">Update Category</a> <a href="#">Delete Category</a>
					

## Update Category

Title:

Current  
Image:



New Image:  No file chosen

Featured: ☒ Yes ☐ No

Active: ☒ Yes ☐ No

## Add Category

Title:



Select  
Image:  No file chosen

Featured: ☐ Yes ☐ No

Active: ☐ Yes ☐ No

## Manage Food

[Add Food](#)


S.N.	Title	Price	Image	Featured	Active	Actions
1.	paneertikka pizza	Rs.200.00		Yes	Yes	<a href="#">Update Food</a> <a href="#">Delete Food</a>
2.	indian burger	Rs.150.00		Yes	Yes	<a href="#">Update Food</a> <a href="#">Delete Food</a>
3.	momo	Rs.130.00		Yes	Yes	<a href="#">Update Food</a> <a href="#">Delete Food</a>

## Update Food

Title:

Description:

Price:

Current Image: 

Select New Image:  No file chosen

Category:

Featured: ☒ Yes ☐ No

Active: ☒ Yes ☐ No

[Update Food](#)



## Add Food

Title:   
 Description:   
 Price:   
 Select Image:  No file chosen  
 Category:   
 Featured:   
 Active:

## Manage Order

S.N.	Food	Price	Qty.	Total	Order Date	Status	Customer Name	Contact	Email	Address	Actions
1.	indian momo	100.00	3	300.00	2021-12-09 05:49:49	Delivered	VIVEK RAJ	88883778	vivekraj.mu939@gmail.com	Saidabad, Hyderabad	<input type="button" value="Update Order"/>
2.	paneertikka pizza	200.00	1	200.00	2021-12-08 07:24:37	Delivered	vivek	88883778	vivekraj.mu939@gmail.com	hyderabad saidabad	<input type="button" value="Update Order"/>

## Update Order

Food Name: **indian momo**  
 Price: **Rs. 100.00**  
 Qty:   
 Status:   
 Customer Name:   
 Customer Contact:   
 Customer Email:   
 Customer Address:

phpMyAdmin

Server: 127.0.0.1 Database: quick\_foodie

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers M

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> tbl_admin		3	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> tbl_category		5	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> tbl_food		3	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> tbl_order		2	InnoDB	utf8_general_ci	16.0 KiB	-
<b>4 tables</b>	<b>Sum</b>	<b>13</b>	<b>InnoDB</b>	<b>utf8_general_ci</b>	<b>64.0 KiB</b>	<b>0 B</b>

☐ Check all

phpMyAdmin

Server: 127.0.0.1 » Database: quick\_foodie » Table: tbl\_admin

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds)

SELECT \* FROM `tbl\_admin`

Options

				id	full_name	username	password
<input type="checkbox"/>	Edit	Copy	Delete	1	ROOT	root	63a9f0ea7bb98050796b649e85481845
<input type="checkbox"/>	Edit	Copy	Delete	2	administrator	admin	21232f297a57a5a743894a0e4a801fc3
<input type="checkbox"/>	Edit	Copy	Delete	3	VIVEK RAJ	vivek	061a01a98f80f415b1431236b62bb10b

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

phpMyAdmin

Server: 127.0.0.1 » Database: quick\_foodie » Table: tbl\_category

Showing rows 0 - 4 (5 total, Query took 0.0009 seconds)

SELECT \* FROM `tbl\_category`

Options

					id	title	image_name	featured	active
<input type="checkbox"/>	Edit	Copy	Delete	1	pizza	Food_Category_689.jpg	Yes	Yes	
<input type="checkbox"/>	Edit	Copy	Delete	2	burger	Food_Category_250.jpg	Yes	Yes	
<input type="checkbox"/>	Edit	Copy	Delete	3	momos	Food_Category_88.jpg	Yes	Yes	
<input type="checkbox"/>	Edit	Copy	Delete	4	nonveg pizza	Food_Category_145.jpg	Yes	Yes	
<input type="checkbox"/>	Edit	Copy	Delete	5	veg pizza	Food_Category_394.jpg	No	No	

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

# Testing

The purpose of testing is to get errors. Testing is that the process of trying to get every conceivable fault or weakness during a work product. It provides how to see the functionality of components, sub-assemblies, assemblies, and/or a finished product it's the method of exercising software with the intent of ensuring that the software meets its requirements and user expectations and doesn't fail unacceptably.

There are various sorts of tests. Each test type addresses a selected testing requirement.

The various types of testing that follow are listed below.

## UNIT TESTING

Unit testing involves the planning of test cases that validate that the interior program logic is functioning properly, which program inputs produce valid outputs. All decision branches and internal code flow should be validated. it's the testing of individual software units of the appliance.

It is done after the completion of a private unit before integration. this is often structural testing, that relies on knowledge of its construction and is invasive. Unit tests perform basic tests at the component level and test a selected business process, application, and/or system configuration.

Unit tests make sure that each unique path of a business process performs accurately to the documented specifications and contains clearly defined inputs and expected results.

## INTEGRATION TESTING

Integration tests are designed to check integrated software components to work out if they run together with the program. Testing is event-driven and is more concerned with the essential outcome of screens or fields.

Integration tests demonstrate that although the components were individually satisfied, as shown by successful unit testing, the mixture of components is correct and consistent. Integration testing is specifically aimed toward exposing the issues that arise from the mixture of components.

## VALIDATION TESTING

Validation testing is that the process of ensuring if the tested and developed software satisfies the client/user needs. The business requirement logic or scenarios need to be tested intimately. All the critical functionalities of an application must be tested here.

As a tester, it's always important to understand the way to verify the business logic or scenarios that are given to you. One such method that helps intimately evaluation of the functionalities is that the Validation Process.

## **SYSTEM TESTING**

System testing of software or hardware is testing conducted on an entire, integrated system to gauge the system's compliance with its specified requirements.

System testing falls within the scope of recorder testing, and intrinsically, should require no knowledge of the inner design of the code or logic.

As a rule, system testing takes, as its input, all of the "integrated" software components that have successfully passed integration testing and also the software itself integrated with any applicable hardware system(s).

System testing may be a more limited sort of testing; it seeks to detect defects both within the "inter-assemblages" and also within the system as an entire.

System testing is performed on the whole system within the context of a Functional Requirement Specification(s) (FRS) and/or a System Requirement Specification (SRS).

System testing tests not only the planning but also the behavior and even the believed expectations of the customer. it's also intended to check up to and beyond the bounds defined within the software/hardware requirements specification(s).

## **CHAPTER 6**

### **CONCLUSION AND FUTURE SCOPE**

#### **Conclusion:**

We believe that our website will be helpful for common people and also who have or do not have any experience. This website contains different categories of food. For each category we'll have different variety of food. User can browse all categories and food items and can also order the food. Admin can add update or delete food and its categories, they can also manage and track food order and delivery. Our website will be a one- stop- place to order food easily, will build a bridge between customer and the admin.

#### **Future scope:**

- Google maps for most popular restaurants in India.
- Language translator can be introduced into the website so that people who are not comfortable with English can use.
- Based on the feedback from the user(s) modifications in the website can be done.

## CHAPTER 7

### REFERENCES

- <https://www.w3schools.com/>
- <https://www.indiacode.nic.in/handle/123456789/2263?locale=en>
- [http://ictactjournals.in/paper/IJMS Vol 5 Iss 4 Paper 3 1089 1094.pdf](http://ictactjournals.in/paper/IJMS_Vol_5_Iss_4_Paper_3_1089_1094.pdf)
- <https://www.php.net/manual/en/langref.php>