A

Project Report

Submitted in partial fulfilment of the

Requirements for the award of the Degree of

BACHELOR OF ENGINEERING

IN

INFORMATION TECHNOLOGY

By

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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, HASEEBA YASEEN,MUKESH TRIPATHI** 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.

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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

HASSEBA YASEEN

 MUKESH TRIPATHI   **Dr. K. Ram Mohan Rao**

Professor   **HOD, IT**

Internal Guide

ACKNOWLEDGEMENT

The satisfaction that accompanies that 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 HASEEBA YASEEN, MUKESH TRIPATHI** ((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:
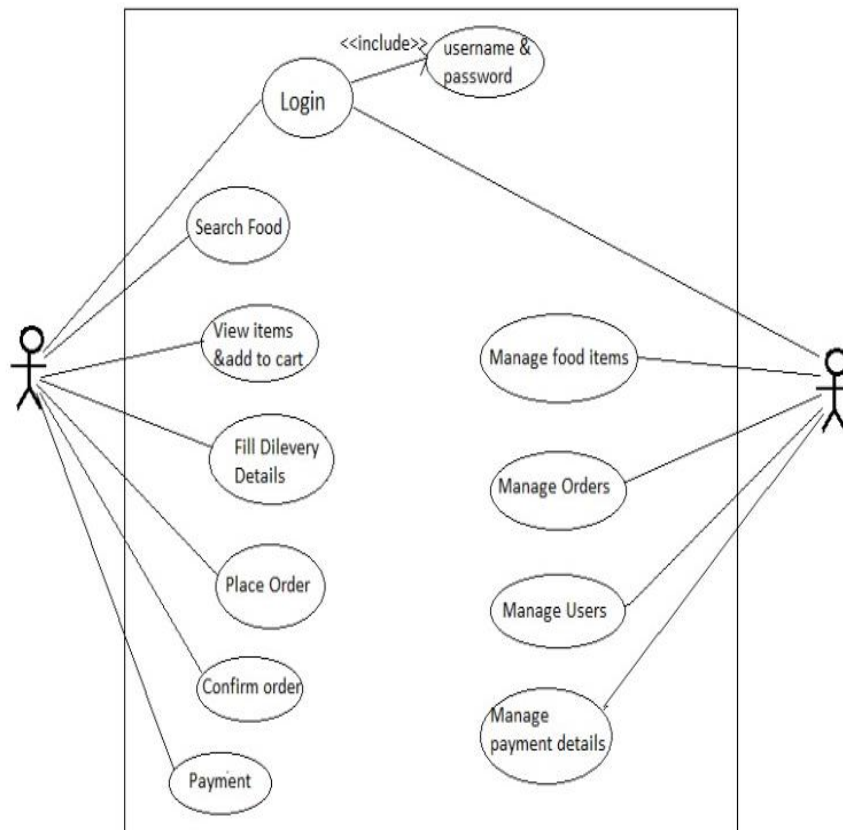
1) HTML
2) CSS
3) JAVA SCRIPT

Back-End:

1) SQL
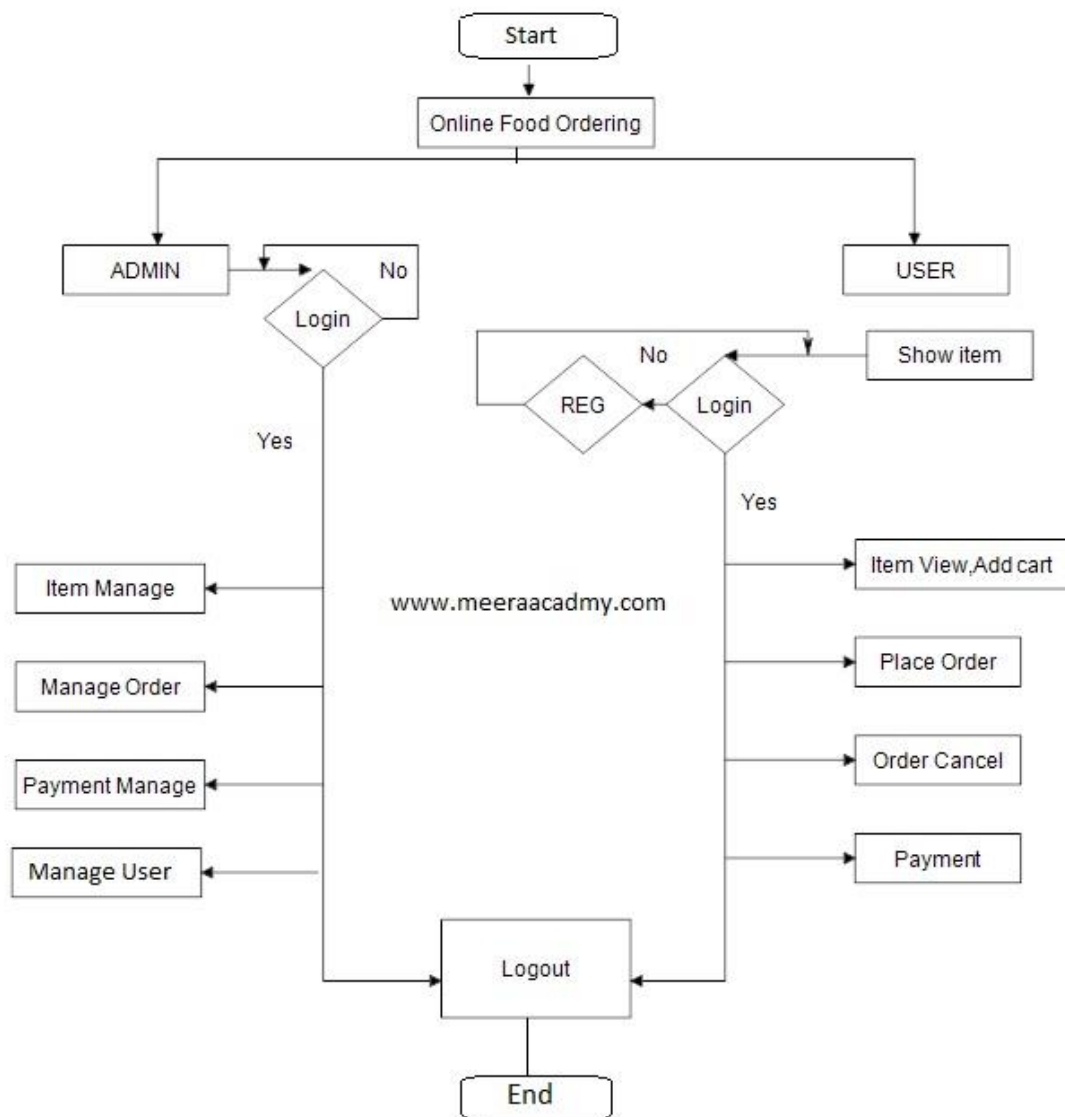2) PHP

MY SQL for connectivity
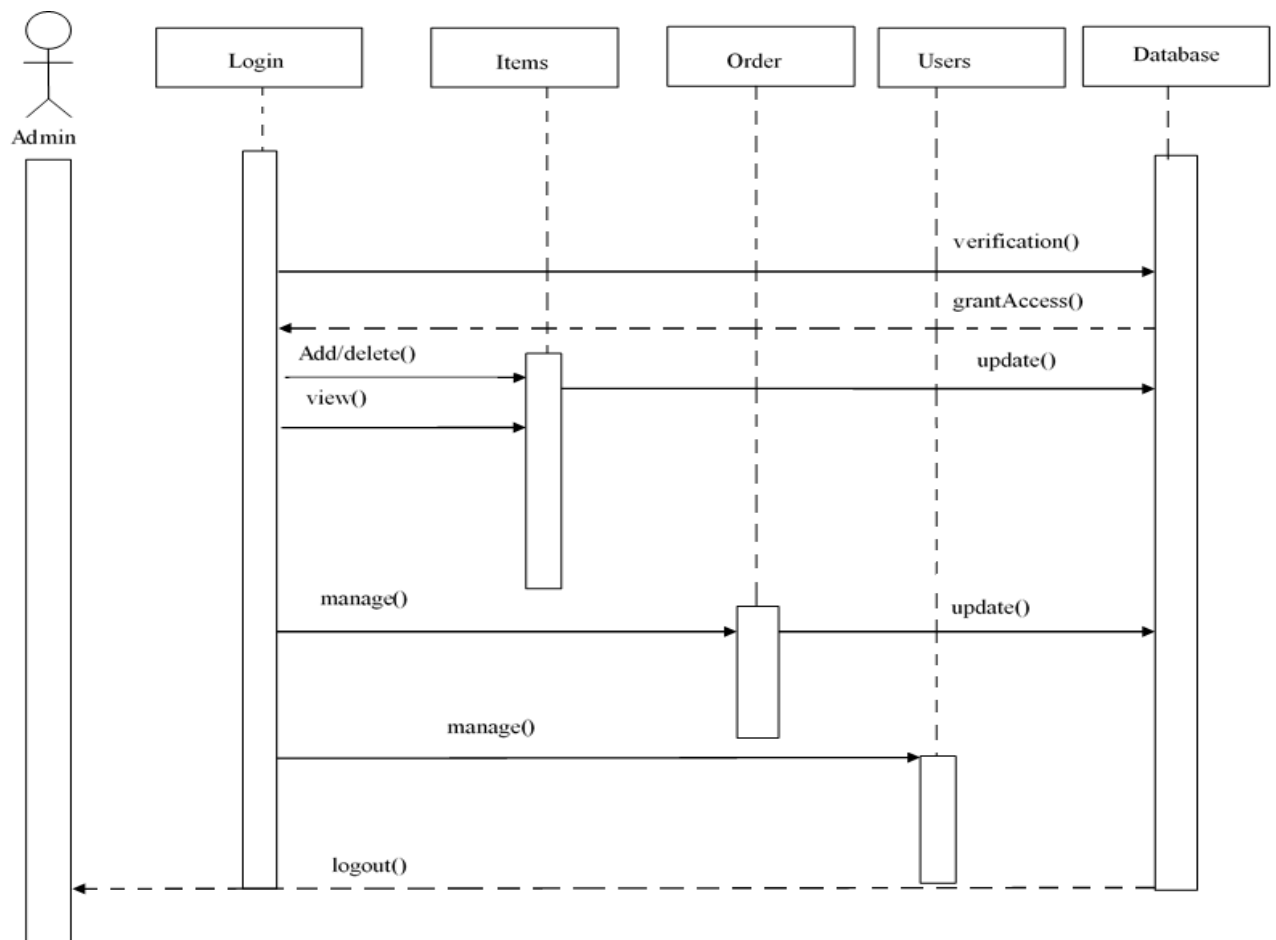
3.2 UML Diagrams

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
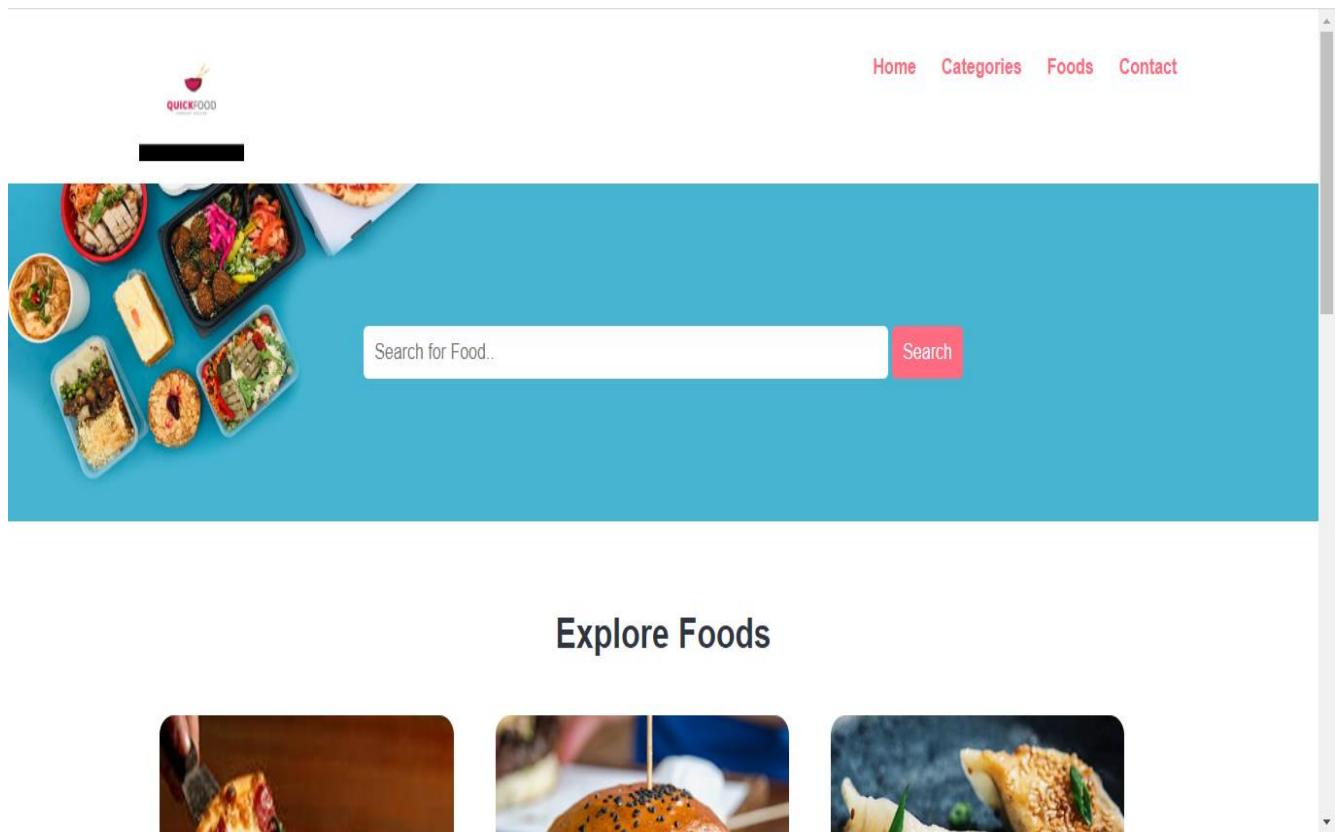
Explore Foods

pizza

burger

momos
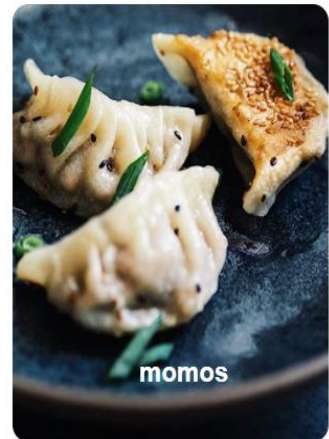
Food Menu

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:

Enter Username

Password:

Enter Password

Login

Created By - Vivek Sriram Abu

Dashboard

Login Successful.

5	3	4	Rs.500.00
Categories	Foods	Total Orders	Revenue Generated

Manage Admin

Add Admin

S.N.	Full Name	Username	Actions		
1.	ROOT	root	Change Password	Update Admin	Delete Admin
2.	administrator	admin	Change Password	Update Admin	Delete Admin
3.	VIVEK RAJ	vivek	Change Password	Update Admin	Delete Admin

Update Admin

Full Name: [ROOT]

Username: [root]

[Update Admin]

Change Password

Current Password: [Current Password]

New Password: [New Password]

Confirm
Password: [Confirm Password]

[Change Password]

Add Admin

Full Name: [Enter Your Name]
Username: [Your Username]
Password: [Your Password]

Add Admin

Manage Category

Add Category

S.N.	Title	Image	Featured	Active	Actions
1.	pizza		Yes	Yes	Update Category Delete Category
2.	burger		Yes	Yes	Update Category Delete Category

Update Category

Title: pizza

Current
Image:

New Image: Choose File No file chosen
Featured: ● Yes ○ No
Active: ● Yes ○ No

Update Category

Add Category

Title: Category Title
Select
Image: Choose File No file chosen
Featured: ○ Yes ○ No
Active: ○ Yes ○ No

Add Category

Manage Food

Add Food

S.N.	Title	Price	Image	Featured	Active	Actions
1.	paneertikka pizza	Rs.200.00		Yes	Yes	Update Food Delete Food
2.	indian burger	Rs.150.00		Yes	Yes	Update Food Delete Food
3.	momo	Rs.130.00		Yes	Yes	Update Food Delete Food

Update Food

Title: paneertikka pizza

Description: made with indian spice and cheese

Price: 200.00

Current Image:

Select New Image: Choose File No file chosen

Category: pizza

Featured: ● Yes ○ No

Active: ● Yes ○ No

Update Food

Add Food

Title:	Title of the Food
Description:	Description of the Food.
Price:	
Select Image:	Choose File No file chosen
Category:	pizza ▾
	pizza
	burger
	momos
	nonveg pizza
Featured:	
Active:	

Add Food

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	**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	**Update Order**

Update Order

Food Name	**indian momo**
Price	**Rs. 100.00**
Qty	3
Status	Delivered
Customer Name:	VIVEK RAJ
Customer Contact:	88883778
Customer Email:	vivekraj.mu939@gmail.com
Customer Address:	Saidabad, Hyderabad

Update Order

---

phpMyAdmin

Recent   Favorites

- New
- gym
- information_schema
- mysql
- performance_schema
- phpmyadmin
- quick_foodie
  - New
  - tbl_admin
  - tbl_category
  - tbl_food
  - tbl_order

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
tbl_admin	⭐	Browse	Structure	Search	Insert	Empty	Drop	3	InnoDB	utf8_general_ci	16.0 KiB	-
tbl_category	⭐	Browse	Structure	Search	Insert	Empty	Drop	5	InnoDB	utf8_general_ci	16.0 KiB	-
tbl_food	⭐	Browse	Structure	Search	Insert	Empty	Drop	3	InnoDB	utf8_general_ci	16.0 KiB	-
tbl_order	⭐	Browse	Structure	Search	Insert	Empty	Drop	2	InnoDB	utf8_general_ci	16.0 KiB	-
4 tables	Sum							13	InnoDB	utf8_general_ci	64.0 KiB	0 B

↑ ☐ Check all   With selected:

phpMyAdmin — Server: 127.0.0.1 » Database: quick_foodie » Table: tbl_admin

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

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

SELECT * FROM `tbl_admin`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

+ Options

				id	full_name	username	password
	Edit	Copy	Delete	1	ROOT	root	63a9f0ea7bb98050796b649e85481845
	Edit	Copy	Delete	2	administrator	admin	21232f297a57a5a743894a0e4a801fc3
	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

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

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

SELECT * FROM `tbl_category`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

+ Options

				id	title	image_name	featured	active
	Edit	Copy	Delete	1	pizza	Food_Category_689.jpg	Yes	Yes
	Edit	Copy	Delete	2	burger	Food_Category_250.jpg	Yes	Yes
	Edit	Copy	Delete	3	momos	Food_Category_88.jpg	Yes	Yes
	Edit	Copy	Delete	4	nonveg pizza	Food_Category_145.jpg	Yes	Yes
	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

GITHUB FOLDER STRUCTURE:

GITHUB LINK:

https://github.com/Vivek939/Quickfoodie

https://github.com/SriramLakumarapu

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

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- https://www.php.net/manual/en/langref.php