#### A PROJECT REPORT ON

"FOODZILLA"

# PROJECT SUBMITTED TO THE SAURASHTRA UNIVERSITY, RAJKOT FOR THE COURSE OF

#### BACHELOR OF COMPUTER APPLICATIONS



# SUBMITTED BY JAYESH VEGDA

#### UNDER THE GUIDANCE OF PROF. CHIRAG PATEL

B.C.A (SEM – 5<sup>th</sup>)

ACADEMIC YEAR 2021-2022

SVET COMMERCE AND BBA COLLEGE,

JAMNAGAR

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This is to certify that <u>Jayesh Vegda</u> has completed the project on <u>FOODZILLA</u> in partial fulfillment of the required of <u>BCA SEM 5<sup>th</sup></u> during the year 2022. The project report has been approved as it satisfies the academic requirement in all respect of project work prescribed by Department of Computer Science, Saurashtra University

Dr. Gaurang Trivedi H.O.D	Richard Remedios Principal
Internal Guide	

Name of Examiner

Signature of

Examiner & Date

## **ABSTRACT**

Foodzilla is an e-commerce-related online food ordering system. Foodzilla is a website primarily intended for use in the food delivery industry. By acquiring the trust of their customers, restaurants may sell and distribute their resources with low resource usage and large revenues. This online food order system database will assist company owners in expanding their business simply by placing orders online rather than visiting the restaurant.

There are no restrictions for placing and receiving orders because they can be placed online. There will be no waiting time with such a large selection at such low pricing. The major aspect of developing this application is the database, which will communicate with the application to retrieve the details.

## **ACKNOWLEDGEMENT**

Apart from my efforts, the success of my project depends on the encouragement and guidelines of my professors. I take this opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project. It would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere thanks to all of them.

Mr. Chirag Patel's direction, constant supervision, information provision, and support were invaluable to me as I worked to bring this project to completion. I'd also like to thank all the teachers who helped me choose the project and told me what technology to use and how to move forward with it. The project meant a lot to me, and the exercises I 've done with my professors helped us get closer. This has been a wonderful opportunity for growth and learning. As this is my last year of college, I always wanted to have such bonding with all the department members.

Furthermore, I'd want to express my gratitude to our department head, MR. GAURNG TRIVADI, for all his help and encouragement throughout our college careers.

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# 1. PROJECT PROFILE

PROJECT NAME	FOODZILA
PROJECT LANGUAGE	Front End: HTML, CSS, JS Back End: PHP, MYSQL
PROJECT DEVELOPER	JAYESH VEGDA
PROJECT GUIDEN	MR. CHIRAG PATEL
PROJECT ID	2022515
PROJECT DURATION	4 MONTHS (JUNE TO SEP)
PROJECT YEAR	2022
OPERATING SYSTEM	WINDOWS 8.1 PRO
SOFTWARE	HOSTING: XAMPP BROWSER: CHROME, EDGE
SUBMITTED TO	S.V.E.T COMMERCE & BBA COLLEGE JAMNAGAR

## **❖ PURPOSE OF PROJECT**

- The main purpose is to provide customers for a way to place an order at a restaurant over the internet.
- It's a win-win for the company and the customer.
- The online food ordering system set up menu and the customers easily place the order with a simple mouse click.
- It also allows customers to order food from their preferred store or restaurant without leaving the comfort of their homes.
- A food order system to help restaurants simplify their daily customer operations.

## SCOPE OF PROJECT

- Its main goal is to simplify and improve customer and restaurant ordering.
- Customers can view product menus, ingredients, and a visual confirmation that the food.
- It will minimize all the manual work by replacing the traditional order system into a computer system.
- It will eliminate manual tasks like delivering food order tickets to the kitchen, replacing price tags, and calculating billing prices.
- In addition to making work go more quickly, it will also provide companies greater chances to expand.
- It's a surefire way to increase employment opportunities.

## 2. CURRENT SYSTEM ANALYSIS

## 2.1) STUDY OF CURRENT SYSTEM

The existing system happens to be a non-computerized operating system where all operations are done manually by the waiter carrying paper and to take down the order of the customer or making an order over the counter. As a result, the waiter may misunderstand the customer's request and provide a dish from a different section of the menu. This could be embarrassing for the waiter because the customer might not take it lightly, which could lead to confusion.

- PROBLEM OR WEAKNESS IN THE MANUAL SYSTEM: -
  - It requires much time and additional manpower.
  - Mistakes are made when taking the orders of the customer.
  - The procedure of collecting purchase orders from customers is a very laborious process.
  - It causes misunderstanding between the customers and the business.

## 2.2) PROBLEMS AND WEAKNESS IN CURRENT SYSTEM: -

- Restaurants often have lousy service because their employees are careless it effects on service.
- It can be challenging to deliver on schedule.
- Current system has unnecessary information of food that doesn't interest users.
- If we don't update often, the website will be old. It needs upkeep.

## 3. SCOPE OF NEW SYSTEM

- It would be advantageous to acquire thorough information regarding effective management.
- In a short time, the collection will be clear, straightforward, and sensible.
- It provides a clear and vivid picture of the management of the preceding year.
- Collecting the management will be cheaper and more efficient.
- Business process automation is at the heart of our project.

## 4. SYSTEM ANALYSIS

#### 4.1 INFORMATION GATHERING

1. Can I place my order at home?

ANS Yes, the website can be used to order any food at any place.

2. What kinds of food are there?

ANS There are all kinds of fast food.

3. When does service start?

ANS 24/7 service.

4. Do you accept GIFTCARD/COUPON?

ANS No, as of right now, neither GC nor Coupon has been published.

5. Is giving personal information necessary?

ANS Yes, it's important. We value your privacy and are committed to keeping it safe.

6. Do you offer any discounts on food?

ANS No, we promise to keep you informed.

7. When can I expect my food to arrive?

ANS It depends on where you are, but about 30 minutes.

8. Can I tip the boy who brings my food?

ANS Yes.

9. Is there a minimum amount I must purchase?

ANS There is no minimum purchase required.

## 4.2 FEASIBILITY STUDY

- A feasibility study is a test of a system proposal. According to its workability, impacts on the organization, ability to meet user needs and effective use of the resources its main task done during feasibility study.
- The feasibility study part of the initial study is made up of three parts.

#### Technical Feasibility

Technical feasibility this project will be focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the needs of the proposed system. The systems project is considered technically feasible if the internal technical capability is sufficient to support the project requirements.

#### Economic Feasibility

Development of this application is highly economically feasible. The only thing to be done is making an environment with an effective supervision. It is cost effective in the sense that has eliminated the paperwork completely. The system is also time effective because the renting system are easy to handle

#### Operational Feasibility

Since the system's interface is simple but attractive, it is easy to learn how it works and use it. The user doesn't need any special training to use the system.

## **❖** ANALYSIS

#### **VISITOR SHOP NAME:**

# **FOODZILLA**

+91 8197431741, +91 9510233829

- I visited this store and had a conversation with the owner, who provided me with a great deal of useful information.
- I have learned a lot about online meal ordering and how to keep customers happy
- We started talking regarding our products and got a lot of information, like how many companies are in the store, etc.
- I learned a lot about what kind of food we're giving to customers and which outlets are tied to business.
- I've learned that our project is good for both the users and the business.

## **❖** DESIGN:

- We have built a login form for both the administrative side and the user side.
- We built registration and feedback form for users.
- We designed it to be user-friendly.
- We designed to easy and fast to use for user

## **CODING:**

- This complete project is written in PHP.
- We used JavaScript and CSS to make the site user-friendly.
- We've used MySQL to handle data.
- Here are examples of some pages of websites
  - Index.php
  - Customerlogin.php
  - Foodlist.php
  - About.php

# 5. SYSTEM DESIGN

# 5.1) DATA DICTIONARY

## 1. MANAGER

ID	TYPE	LENGTH	KEY	EXTRA
EMAIL	VARCHAR	30		
USERNAME	VARCHAR	30		
PASSWORD	VARCHAR	30		

## 2. CUSTOMER

ID	ТҮРЕ	LENGTH	KEY	EXTRA
U_ID	INT	30	FOREIGN	AUTO_INC
username	VARCHAR	30		
fullname	VARCHAR	30		
email	VARCHAR	30		
contact	VARCAHR	30		
Address	VARCHAR	50		
Password	VARCHAR	30		

## 3. FOOD

ID	TYPE	LENGTH	KEY	Extra
F_ID	INT	30	PRIMARY	AUTO_INC
name	VARCHAR	30		
price	INT	30		
description	VARCAHR	200		
Images_path	VARCHAR	200		
s_text	VARCHAR	30		
r_name	VARCHAR	50		

## 4. ORDER

ID	ТҮРЕ	LENGTH	KEY	Extra
ORDER_ID	INT	30	PRIMARY	AUTO_INC
order_date	DATE			
foodname	VARCHAR	30		
price	INT	30		
quantity	INT	30		
U_ID	INT	30	INDEX	
r_name	VARCHAR	30		

# FOODZILLA

## 5. CONTACT

ID	TYPE	LENGTH	KEY	Extra
Name	VARCHAR	30		
Email	VARCHAR	50		
Mobile	INT	10		
Subject	VARCHAR	50		
Message	VARCHAR	200		

# 5.2) TABLE NORMALIZATION

#### 1. MANAGER

#### ➤ BEFORE NORMALIZATION:

ID	TYPE	LENGTH	KEY	EXTRA
M_ID	INT	30	PRIMARY	AUTO_INC
USERNAME	VARCHAR	30		
PASSWORD	VARCHAR	30		
ADDRESS	VARCHAR	200		
MOBILE_NO	INT	10		
IP_ADDRESS	INT	25		
FIRST_NAME	VARCHAR	30		
LAST_NAME	VARCHAR	30		
ROLE	VARCHAR	20		

ID	TYPE	LENGTH	KEY	EXTRA
EMAIL	VARCHAR	30		
USERNAME	VARCHAR	30	PRIMARY	
PASSWORD	VARCHAR	30		

## 2. CUSTOMER

#### ➤ BEFORE NORMALIZATION:

ID	TYPE	LENGTH	KEY	EXTRA
id	INT	30	PRIMATY	AUTO_INC
username	VARCHAR	30		
fullname	VARCHAR	30		
email	VARCHAR	30		
contact	VARCAHR	30		
Address	VARCHAR	50		
Password	VARCHAR	30		
IP_ADDRESS	VARCHAR	30		
REG_DATE	DATE			
TOKEN	VARCHAR	100		
another_email	VARCHAR	30		

ID	TYPE	LENGTH	KEY	EXTRA
username	VARCHAR	30	FOREIGN	
fullname	VARCHAR	30		
email	VARCHAR	30		
contact	VARCAHR	30		
Address	VARCHAR	50		
Password	VARCHAR	30		

## 3. FOOD

#### ➤ BEFORE NORMALIZATION:

ID	TYPE	LENGTH	KEY	Extra
F_ID	INT	30	PRIMARY	AUTO_INC
name	VARCHAR	30		
price	INT	30		
description	VARCAHR	200		
Images_path	VARCHAR	200		
s_text	VARCHAR	30		
r_name	VARCHAR	50		
address	VARCHAR	200		
phone_no	int	10		
full_name	VARCHAR	50		

ID	TYPE	LENGTH	KEY	Extra
F_ID	INT	30	PRIMARY	AUTO_INC
name	VARCHAR	30		
price	INT	30		
description	VARCAHR	200		
Images_path	VARCHAR	200		
s_text	VARCHAR	30		
r_name	VARCHAR	50		

## 4. ORDERS

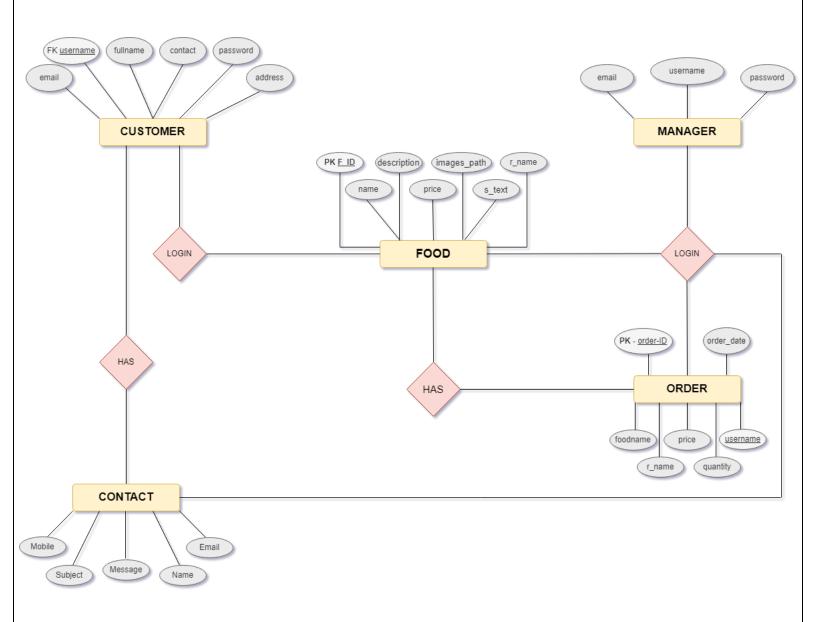
#### ➤ BEFORE NORMALIZATION:

ID	TYPE	LENGTH	KEY	Extra
ORDER_ID	INT	30	PRIMARY	AUTO_INC
ORDER_DATE	DATE			
FOOD_ID	INT	30	INDEX	
foodname	VARCHAR	30		
price	INT	30		
quantity	INT	30		
payment_mode	VARCHAR	30		
address	VARCHAR	300		
username	VARCHAR	30	INDEX	
r_name	VARCHAR	30		

ID	TYPE	LENGTH	KEY	Extra
ORDER_ID	INT	30	PRIMARY	AUTO_INC
foodname	VARCHAR	30		
price	INT	30		
quantity	INT	30		
order_date	DATE			
username	VARCHAR	30	INDEX	
r_name	VARCHAR	30		

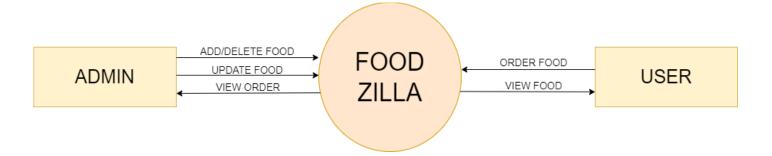
## **FOODZILLA**

## 5.3 E-R DIAGRAM

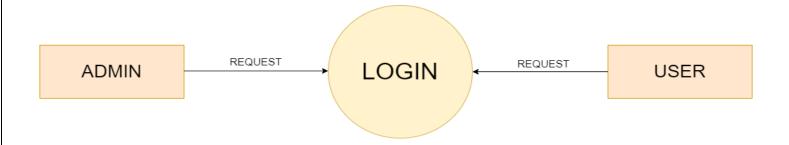


## 5.4 DATA FLOW DIAGRAM

#### > CONTEXT LEVEL DFD

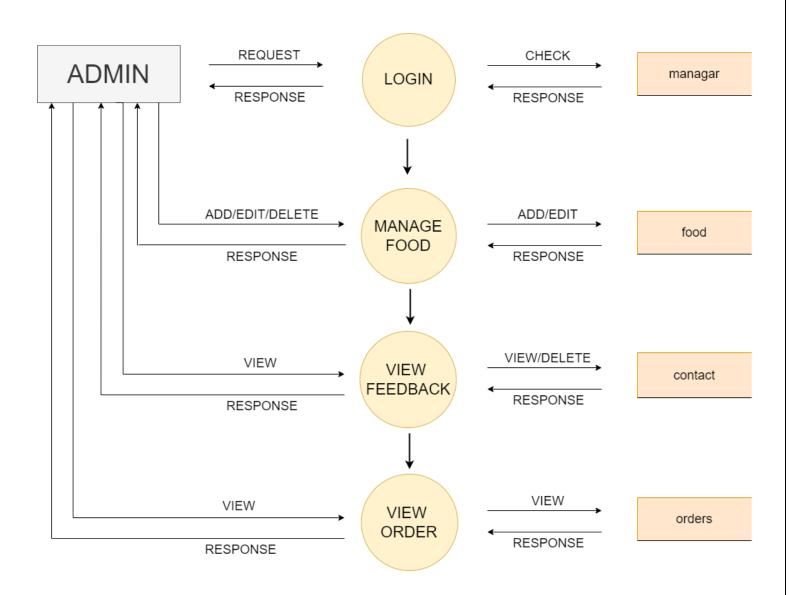


#### > 0 LEVEL DFD

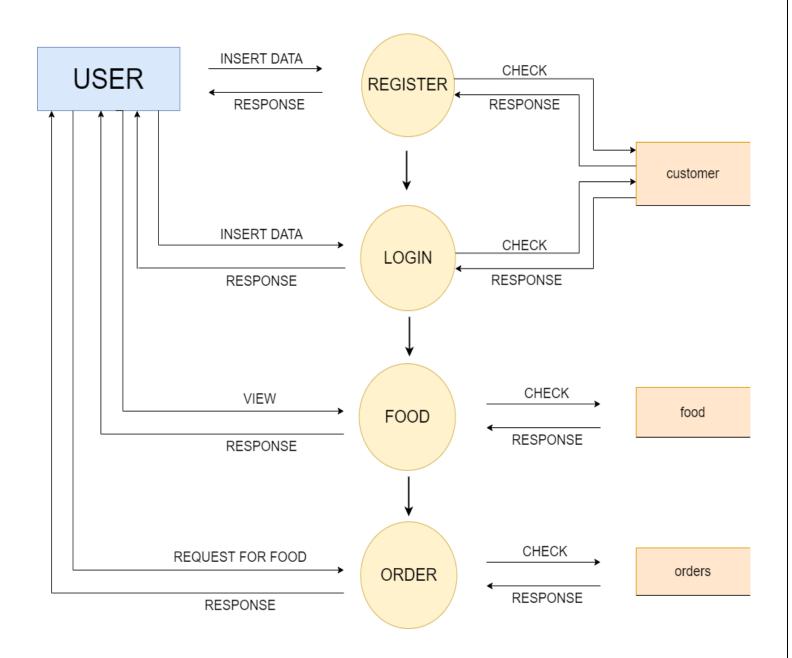


# ➤ 1 LEVEL DFD

## ADMIN SIDE



## USER SIDE



# 5.5 TIMELINE CHART

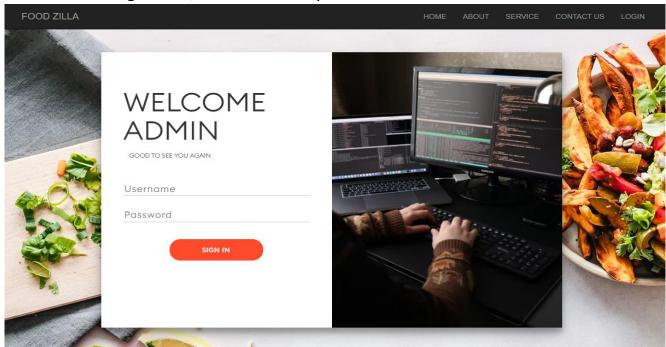
MONTH	13 JUN 22 JU		23 JI	JNE T	O 31 J	ULY	1 A	UG TO	) 31 A	UG	1 SE	P TO	22 :	SEP
WEEKLY	1	2	1	2	3	4	1	2	3	4	1	2	3	4
INFORMATION GATHERING														
ANALYSIS OF REQUIREMENT & FEASIBILITY														
SYSTEM ANALYSIS														
CODING AND TESTING														
FINAL DOCUMENTATION														
LEARNING PROCESS														

# 6. SCREENSHOT

## ADMIN SIDE

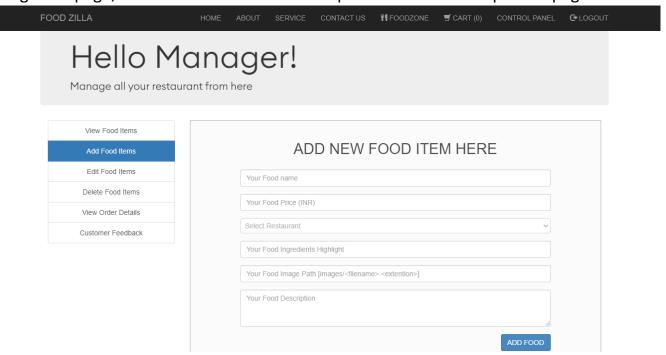
#### 1. ADMIN LOGIN

This is the admin login form, which is used by the administrator to control the site.



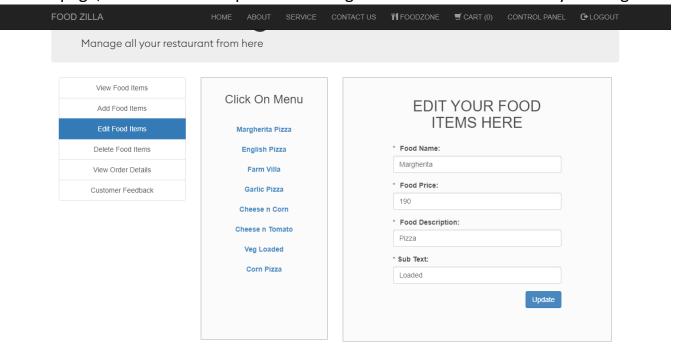
#### 2. ADD FOOD ITEMS

Through this page, admins are able to add food products to their respective pages.



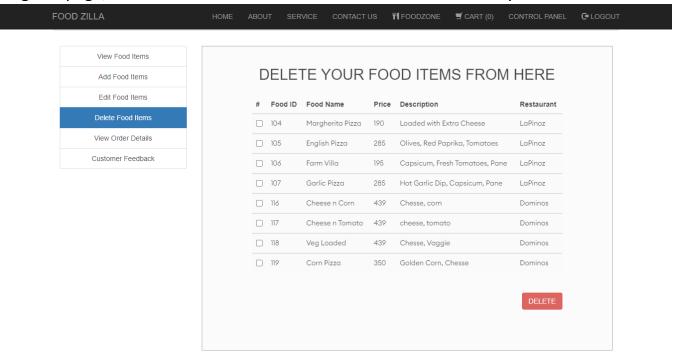
#### 3. EDIT FOOD ITEMS

On this page, admins have the power to change the food details of already existing items.



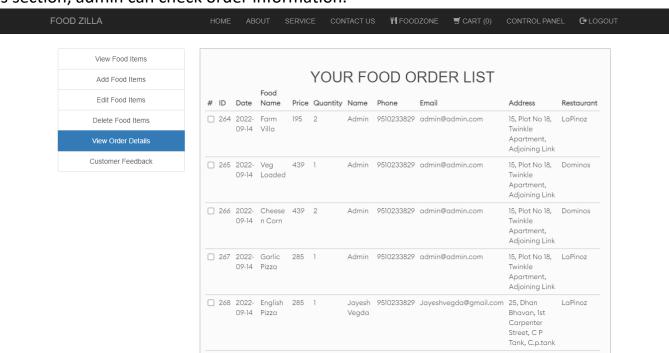
#### 4. DELETE FOOD ITEMS

By using this page, admins are able to delete food items that are already in existence.



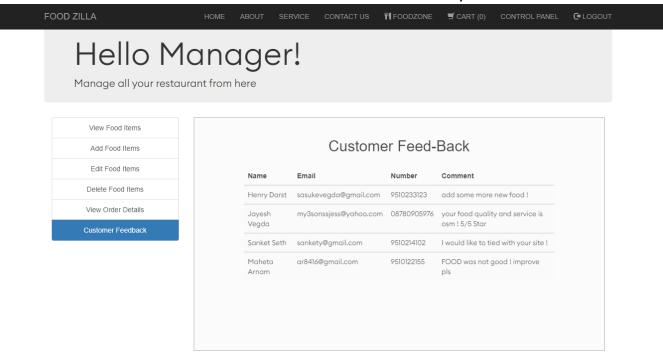
#### 5. ORDER LIST

In this section, admin can check order information.



#### 6. CUSTOMER FEEDBACK

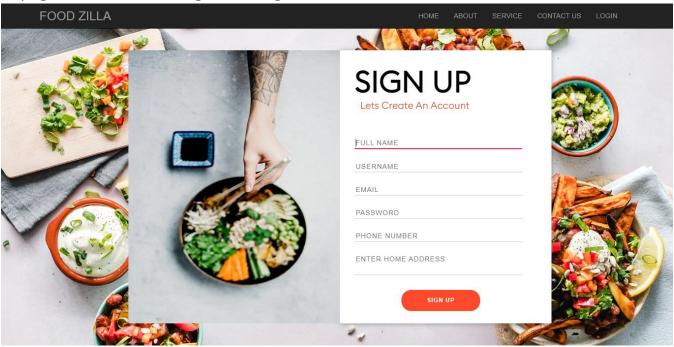
Here, the admin is able to see the comments that have been left by users.



## USER SIDE

#### 1. USER REGISTER

This page allows users to register and gain access to the website..



#### 2. REGISTER SUCCESS

This page show the user's successful registration to the site.

FOOD ZILLA HOME ABOUT SERVICE CONTACT US LOGIN

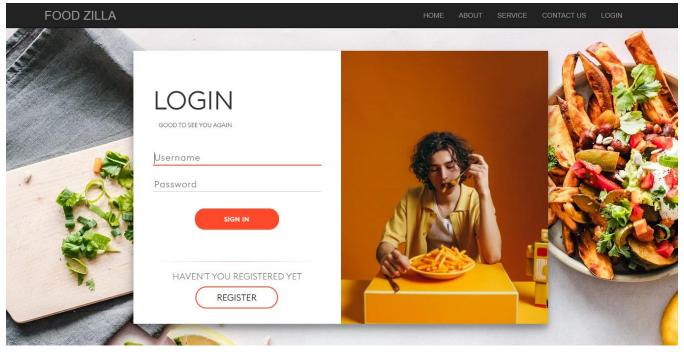


YOUR ACCOUNT HAS BEEN CREATED

Login Now from HERE

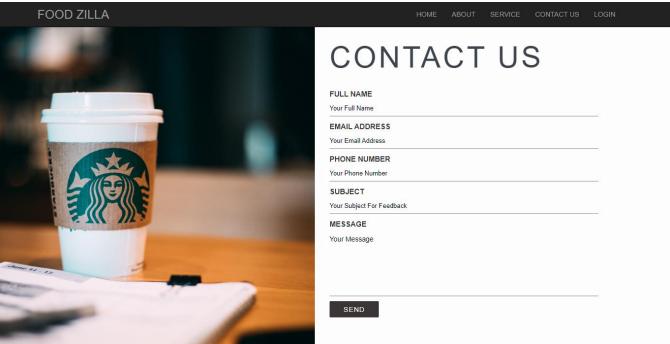
#### 3. USER LOGIN

This page allows users to login and access the site.

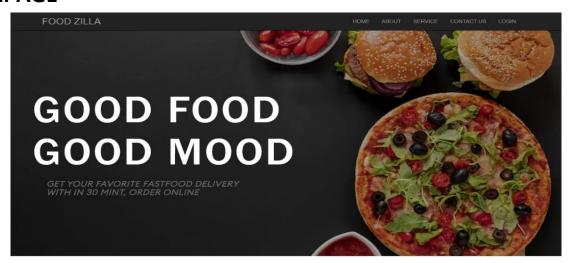


#### 4. FEEDBACK:

This page allows users to provide feedback/complaints/reviews to the admin.



#### 5. HOMEPAGE



EAT WHAT MAKES YOU HAPPY







BURGER

**PIZZA** 

**SANDWICH** 

#### **TOP TRUSTED BRANDS:**

























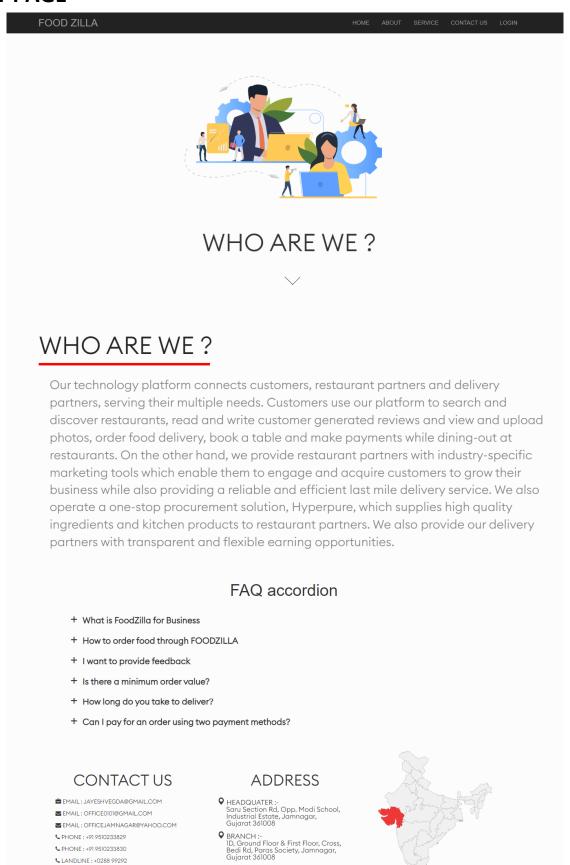
#### GET YOUR ORDER 24/7 RIGHT AT YOUR DOORSTEPS

Why step out when you can get everything delivered home with the tap of a button? FoodZilla's favourite delivery site gets you favoirite Fast Food From your favourite store





#### 6. ABOUT PAGE



#### 7. SERVICE PAGE:

FOOD ZILLA HOME ABOUT SERVICE CONTACT US LOGIN

## **OUR SERVICE**

## ANY TIME ANY FOOD ANY WHERE ...

GET YOUR FAVOURITE FOOD DELIVERED TO YOUR DOORSTEP FROM YOUR CHOICE OF RESTAURANT



#### **OUR SERVICE FEATURES**

We Build Products & Solutions That Redefine The Food Ordering & Delivery Space In India, Every Single Day.





Experience superfast delivery for food delivered fresh & on time

#### 24/7 Work

No time restrictions, Order food anytime & anywhere

#### Doorstap Deliver

Get your favourite food at your

#### **HOW IT WORKS?**

EASY AS THAT



#### **SELECT YOUR FOOD**

Select Your Favourite Food List, To Cart And Proccess To Pay Via Online Or Cash On Delivery



#### **DOORSTAP DELIVERY**

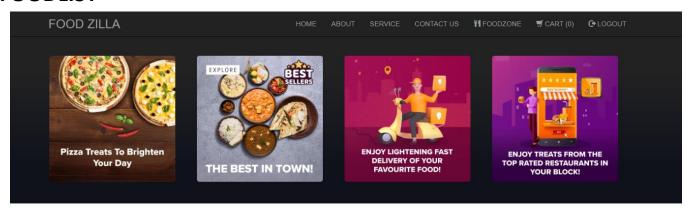
Enter Your Correct Adress And Phone Number And Wait For Your Food



#### **ENJOY YOUR FOOD**

Got Your Fresh Food? Now Enjoy Your Food And Give A Honest Review About It

#### 8. FOODLIST















#### INSPIRATION FOR YOUR ORDER







ENGLISH PIZZA
Olives, Red Paprika, Tomatoes
Restaurant : LaPinoz Price : 285

















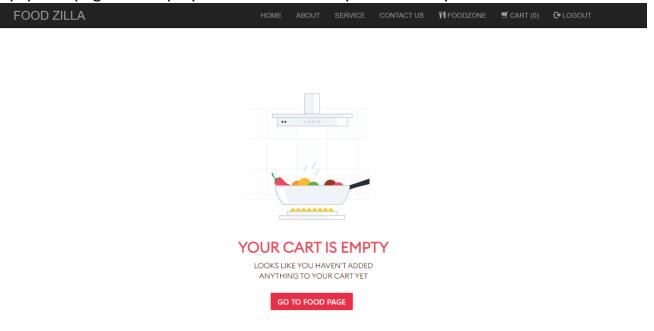






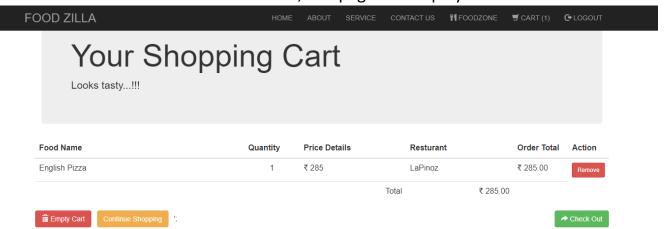
#### 9. EMPTY CART

This Empty Cart page will display if the user has not yet added any food items.



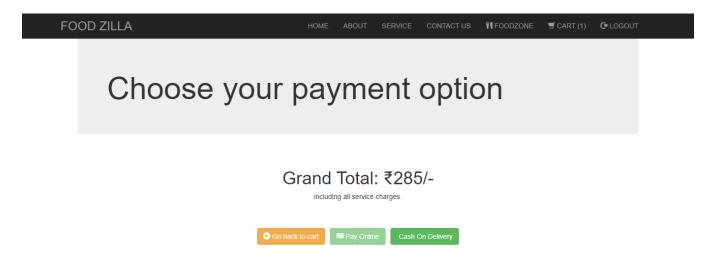
#### 10. VALID CART:

As soon as an user adds an item to their cart, this page will display.



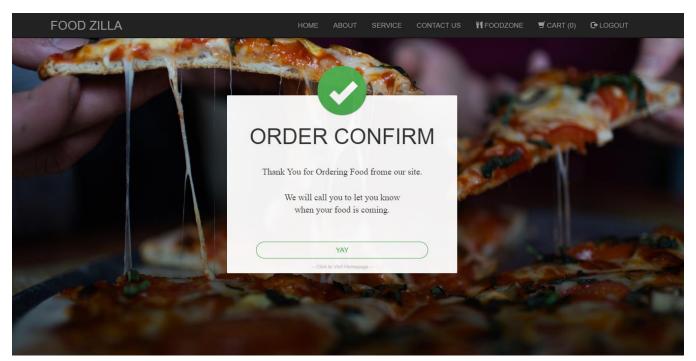
#### 11. PAYMENT

On this page, customers can view their order totals and select a payment option before submitting their orders.



#### 12. CONFIRMATION PAGE

This page confirms that the customer's order has been submitted successfully.



# 7. TESTING

■ TEST CASE ID: 1

■ **TEST PRIORITY**: MED

■ **TEST MODUAE:** Login page

TEST TITLE: Testing a login page

DESCRIPTION: Verify login with valid username and password

• PRE-CONDITIONS: User have a valid account.

STEP	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	LOGIN PAGE				
2	INPUT VALID USERNAME	username= admin			
3	INPUT VALID PASSWORD	password= admin			
4	CLICK ON SUBMIT		If user pass is valid, user can login and redirect to foodlist page.	Success login and foodlist redirect	PASS

■ **POST-CONDITIONS:** The user's credentials are checked against the database, and they were accepted successfully.

TEST CASE ID: 2

■ **TEST PRIORITY**: High

TEST MODUAE: Order itemsTEST TITLE: Testing a cart

DESCRIPTION: Verify the food item are adding in cart

■ PRE-CONDITIONS: User has entered valid food and quantity

STEP	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	FOOD PAGE				
2	ADD FOOD INTO CART	food= pizza			
3	ADD QUANTITY OF FOOD	qty=3			
4	CLICK ON SUBMIT		The cart should show the correct food name, the amount the user put in, and the total cost of the order.	Accurately displaying the Order on the Cart	PASS

■ **POST-CONDITIONS:** the user has altered the data in the database.

## 8. MAINTENANCE

- Our website was designed to be user-friendly, so navigating it is quick and simple.
- We take security seriously; only registered users can place orders from our site.
- Our website is unreachable to anyone who have not already completed the registration process.
- We have implemented a static admin, which means that only the administrator has access to the administration panel.
- We keep a wide variety of fast-food options available for online ordering.
- We take security seriously and protect all our users' information.
- we want our users to be happy, we've included a feedback box for them to tell us about their experiences, concerns, and ideas.
- Additionally, we will make an effort to perform frequent updates as well as include some new features as well as some new items.

## 9. LIMITATIONS AND ENHANCEMENTS

#### > LIMITATIONS:

- There are certain people who don't use the internet like seniors who don't are unable to use the internet. Therefore, they can't place an order because they can't connect to the internet.
- Unfortunately, not all potential clients can be reached using this approach.
- It is not possible to transport food to a location that is quite far from the base.
- If a user's residence is located a significant distance from the base, the food can spoil.
- Sometimes, the individual making the delivery cannot be relied upon.
- A huge database has the potential to freeze the system.

## > ENHANCEMENTS:

- Allow customers to modify orders
- Allow clients to customize their food orders
- Improve the user interface by providing the user with more opportunities to interact with the system.
- Add information about discounts and promotions on the homepage.
- Publish enough recipes for a full week's worth of meals there.
- Enhance the user payment options to include an online payment option.
- Enhance by allowing for a wider variety of payment methods, such Credit and debit cards

## 10. CONCLUSION

The Online Food Ordering System was made to help people and solve one of their main problems. Based on the results of this study, we can say: It makes it easy for customers to place orders; it gives customers the information they need to place orders. This project will assist all restaurants in increasing the number of customers they serve through the use of online ordering. The needs of food ordering management are simple and modestly addressed by our project. Using a computer and the internet, several buyers can place orders with relative ease. I therefore feel that this approach will aid us in the food industry's future evolution. Any food sector may hire delivery boys, and I will generate new employment opportunities for them. Which is the most serious issue facing our nation? This system will reduce employment opportunities, which will boost our GDP.

## 11. BIBILOGRAPHY

#### \* BOOKS:

- 1. Andrew G. Bennett (2004), "Using PHP For Interactive Web Pages"
- 2. Kevin Yank (2017). "PHP & MySQL Novice to Ninja"

## **❖ WEB-SITE:**

#### 1. HTML & CSS:

- https://getbootstrap.com/docs/
- https://developer.mozilla.org/en-US/docs/css
- https://www.w3schools.com/

#### 2. PHP & MYSQL:

- https://www.w3schools.com/
- https://stackoverflow.com/