

# **Online Food Ordering System**

Project report submitted for

**3<sup>rd</sup> Semester Mini Project**

in

**Department of Computer Science Engineering**

By,

**Aaditya Kumar 201010201 ECE**

**Apoorwa Gupta 201010212 ECE**

**Revant S Emaly 201000042 CSE**



**Department of Computer Science Engineering**

**Dr. Shyama Prasad Mukherjee**

**International Institute of Information Technology, Naya Raipur**

**(A Joint Initiative of Govt. of Chhattisgarh and NTPC)**

**Email: [iiitnr@iiitnr.ac.in](mailto:iiitnr@iiitnr.ac.in), Tel: (0771) 2474040, Web: [www.iiitnr.ac.in](http://www.iiitnr.ac.in)**

# **CERTIFICATE**

This is to certify that the project titled “Online Food Ordering System” by Aaditya Kumar 201010201 ECE, Apoorwa Gupta 201010212 ECE, Revant S Emaly 201000042 CSE, has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree/diploma.

(Signature of Guide)

---

**Guide Name**

**Designation of Guide**

**Department of** \_\_\_\_\_

**Dr. SPM IIIT-NR**

**Month, Year**

## **DECLARATION**

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Signature of Students)

Aaditya Kumar 201010201 ECE

Apoorwa Gupta 201010212 ECE

Revant S Emaly 201000042 CSE

Date : \_\_\_\_\_

# **PLAGIARISM REPORT**

## **ACKNOWLEDGEMENT**

It is a great pleasure for us to acknowledge the assistance and support of a large number of individuals who have been responsible for the successful completion of this Mini project work.

In particular we would like to thank Dr. Santosh Kumar, Assistant Professor in Computer Science and Engineering discipline, for his constant encouragement and expert advice, providing right academic guidance that made our task possible, for sparing his/her valuable time to extend help in every step of our Mini project work, which paved the way for smooth progress and fruitful culmination of the Mini project.

(Signature of Students)

Aaditya Kumar 201010201 ECE

Apoorwa Gupta 201010212 ECE

Revant S Emany 201000042 CSE

**Date :** \_\_\_\_\_

## ABSTRACT

The Online Food Ordering System is a website dedicated to the food delivery business. By acquiring consumer confidence through these services, restaurants can sell and share their resources with minimum resource use and high earnings. This database of online meal order systems will help restaurant owners grow their businesses by allowing them to place orders online rather than visiting the restaurant. The amount of orders can increase with the combination of home delivery services, discount coupons etc. Because orders may be issued and received online, there are no restrictions on who can place and receive them. With such a wide range of options at reasonable rates, there will be no need to wait, since waiting time is reduced with such efficient means of ordering. The key reason for this is because it is advantageous to both the customer and the company.

Customers may quickly browse all of the dishes available at the restaurant, customize dishes to their preferences, and make an order via a website or mobile app. It can also save their favourite orders so they may reorder them simply in the future.

From the standpoint of the restaurant, they no longer have to spend time processing clients' orders, worry less about communication problems, and streamline their order administration processes. Especially in the times of COVID-19 when quarantines and lockdowns are an endless cycle, online delivery systems ensure contactless and hassle free delivery so one can enjoy food while being safe at home.

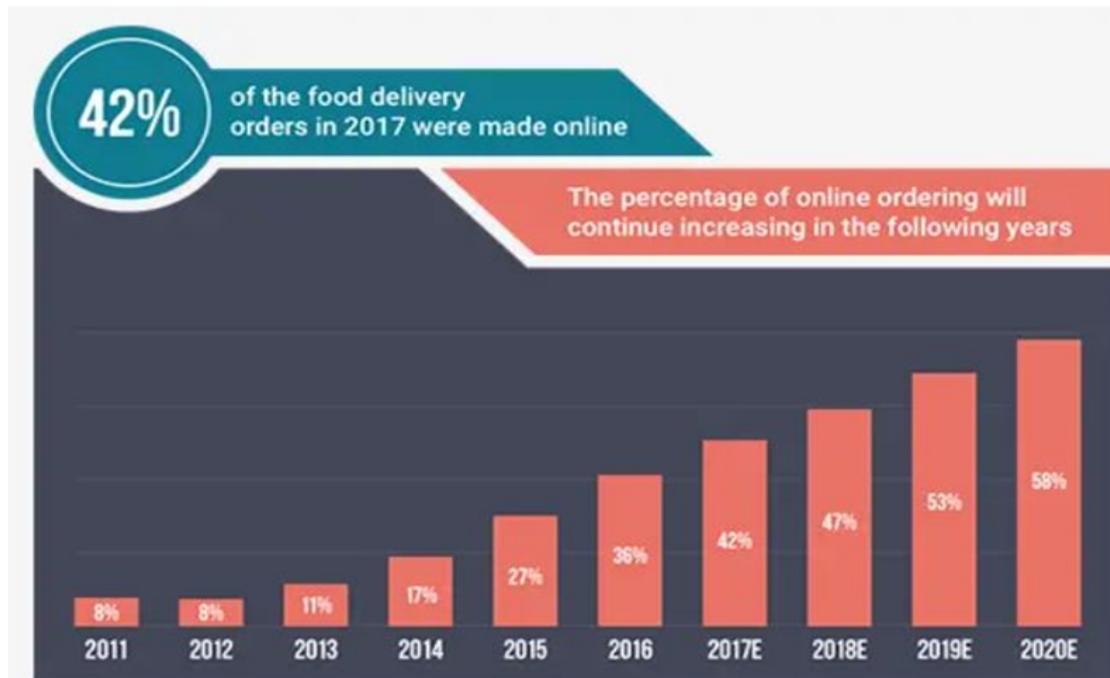


Fig 1. The percentage of online ordering is continuing to increase.

**KEYWORDS :** Innovation, Upgrade, services, JavaScript, PHP, MySQL database, HTML, CSS.

## **Table of Contents**

<b>Title</b>	<b>Page No.</b>
<b>ABSTRACT.....</b>	<b>i</b>
<b>TABLE OF CONTENTS.....</b>	<b>ii</b>
<b>LIST OF TABLES.....</b>	<b>iii</b>
<b>LIST OF FIGURES.....</b>	<b>iv</b>
<b>CHAPTER 1 INTRODUCTION</b>	<b>1</b>
1.1 Introduction.....	1
1.2 Objectives.....	1
1.3 Need for Project Model .....	1
1.4 Tools and Technique.....	
1.5 Data Modeling .....	
<b>CHAPTER 2 PROPOSED SOLUTION</b>	<b>10</b>
2.1 Proposed model.....	10
2.2 Product Function.....	11
2.3 Implementation.....	11
2.4 Application.....	11
<b>CHAPTER 3 RESULTS</b>	<b>11</b>
3.1 Section 3.1.....	12

3.2 Section 3.2.....	13
----------------------	----

## **CHAPTER 4 CONCLUSIONS 14**

4.1 Section 4.1.....	12
4.2 Section 4.2.....	13

## **REFERENCES 18**

### **List of All Tables**

Table No.	Table Title	Page Number
1.1	Table Title.....	1
2.1	Table Title.....	6

### **List of All Figures**

Figure No.	Figure Title	Page Number
1.1	Figure Title.....	1
2.1	Figure Title.....	6

# **CHAPTER 1 INTRODUCTION**

## **1.1 INTRODUCTION**

The process of ordering food from a website is known as online food ordering. The goal of the project to establish an online food ordering system is to replace the existing method of taking orders with a computerised system. Another essential purpose for creating this project is to be able to rapidly and accurately create order summary reports at any time. The restaurant's online ordering system assists in contacting the appropriate individuals at the appropriate time. It's not only about being flexible; it's about safeguarding your consumer base by remaining in touch with them.

The Online Food Ordering System has a lot of potential. This PHP project can be used by restaurants or fast food chains to keep track of their clients' orders. This project is simple, quick, and precise. It takes up less space on the hard drive. Because the backbone of the Online Food Ordering System is MYSQL Server, there is no risk of data loss or security. Customers have the option of having their food delivered or picked up. A customer begins by selecting a restaurant, scanning the menu options, selecting an item, and then deciding whether to pick up or have it delivered.

Payment is then made via credit card or debit card via the app or website, or in cash at the restaurant when picking up the order. The customer is informed about the food quality, the length of time it takes to prepare the food, and when it is ready via the website and app.

## **1.2 OBJECTIVES**

1. The major goal of the Online Food Ordering System is to keep track of Item Category, Food, Delivery Address, Order, and Shopping Cart information.

2. It keeps track of Item Category, Customer, Shopping Cart, and Item Category information. Because the project is entirely constructed at the administrative level, only the administrator has access.
3. The goal of the project is to create an application software that will reduce the amount of time spent manually managing Item Category, Food, Customer, and Delivery Address. It keeps track of the Delivery Address, Order, and Shopping Cart.

### 1.3 NEED FOR PROJECT MODEL:

Helps customers to order their food at any time. The customers will be able to order their favorite dishes at any point of time, and as we have pointed out earlier, that time is a minimal option, and restaurants must have a specified system through which they can serve a huge number of customers while making their work smoother. The platform aids in this along with numerous innovative features which has turned countless small and large businesses into an inspiring leader in the online marketplace.

Additionally, the system provides these benefits over the traditional ordering placing mechanisms:

#### 1. Safer and healthier

In the present times, food enterprises must put up a shop to meet government health and safety laws in order to reopen, Maintain social distance, employ contactless ordering/payment options, and clean surfaces on a regular basis. These add up additional maintenance costs.

Even if you own a tiny shop, social distancing can be a hassle. New clients strolling in can order and pay from outside the shop or from a table inside by switching to an online ordering platform for companies. It's easy to keep safe distances.

#### 2. There is less space for error.

Customers benefit from online meal ordering since it assures that prices are precise and that there is less space for error when it comes time to pay the bill.

Customers must physically select an item from a menu that corresponds to a price, guaranteeing that the correct amount is always paid.

This has some advantages for the company. There are fewer chances of inaccurate billing, less time spent correcting errors.

### **3. Increased customer base**

Online ordering and payments are becoming more accepted and anticipated as social separation grows. Regular customers will suggest the system to their friends and share the menu and payment system on social media if the menu and payment system are simple.

Simply by providing a smooth customer experience that communicates orders to our back-end team in real-time, we may boost our customers and profits.

### **4. Improved customer retention**

Customers will prefer one store to that of a competition if you give them a reason to return. Great products may be the cause for their loyalty, but a reward programme on our ordering app can also help. This boosts the business.

According to a recent study, a personalised digital experience is also a good way to encourage customers to keep coming back. Out of 1000 customers surveyed, 50% said they would switch brands that give them a poor online experience, whilst 73% expected online personalisation.

We can send personalized offers, request reviews to increase our ratings about our service using a restaurant online ordering system.

### **5. Increased client spending**

We know that customers are engaging with digital products and services in greater numbers than ever before. When customers place orders online, the order value rises. That's because examining an online menu isn't the same as waiting in line.

Customers have more time to consider their options. Those with food intolerances can read all of the required information and take their time.

### **6. Extremely adaptable**

This system can be highly customizable, allowing us to quickly advertise your company's logo, brand colours, and other distinguishing characteristics. Deleting or adding an item to the menu can be done by simply logging in, making modifications is fairly easy. The order management system can be made to slot in seamlessly with any restaurant's brand.

## **1.4 TOOLS AND TECHNIQUE**

## 1. FRONTEND

- **HTML:** Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are the building blocks of HTML pages.
- **CSS:** Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.
- **JAVASCRIPT:** JavaScript is a high-level, interpreted scripting language. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions. Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative (including object-oriented and prototype-based) programming styles. It has APIs for working with text, arrays, dates, regular expressions, and the DOM, but the language itself does not include any I/O, such as networking, storage, or graphics facilities. It relies upon the host environment in which it is embedded to provide these features.

## 2. BACKEND

- **PHP:** PHP is a server side scripting language that is used to develop Static websites or Dynamic websites or Web applications. PHP scripts can only be interpreted on a server that has PHP installed. The client computers accessing

the PHP scripts require a web browser only. A PHP file contains PHP tags and ends with the extension ".php". PHP is a server-side scripting language designed specifically for web development. PHP can be easily embedded in HTML files and HTML codes can also be written in a PHP file. The thing that differentiates PHP with client-side language like HTML is, PHP codes are executed on the server whereas HTML codes are directly rendered on the browser. PHP code may be executed with a command line interface (CLI), embedded into HTML code, or used in combination with various web template systems, web content management systems, and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in a web server or as a Common Gateway Interface (CGI) executable. The web server outputs the results of the interpreted and executed PHP code, which may be any type of data, such as generated HTML code or binary image data. PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control.

- MySQL: MySQL is a relational database management system based on SQL – Structured Query Language. The most common use for MySQL, however, is for the purpose of a web database. Standard SQL commands such as ADD, DROP, INSERT and UPDATE can be used in MySQL.

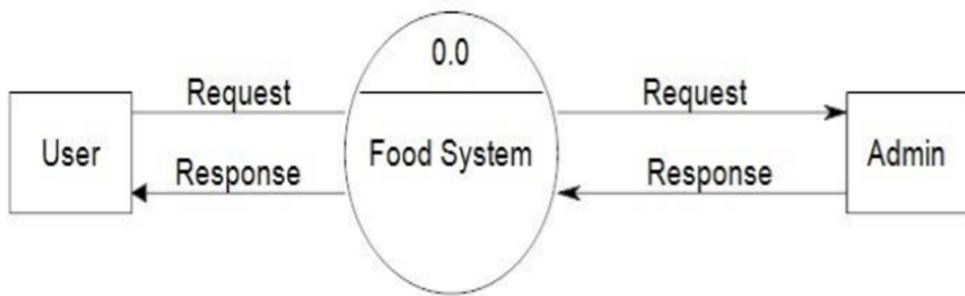
Advantages of MySQL:

1. High speed, using the SQL queries, the user can quickly and efficiently retrieve a large amount of records from a database.
  2. In the SQL standard, it is very easy to manage the database system.
- XAMPP: XAMPP is a free and open source cross-platform web server solution stack package created by Apache Friends, consisting mostly of the Apache HTTP Server, MariaDB database, and interpreters for PHP and Perl scripts. Cross-Platform (X), Apache (A), MariaDB (M), PHP (P), and Perl (P) are the acronyms for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P), and Perl (P) (P). It's a minimal, lightweight Apache installation that makes setting up a local web server for testing and deployment a breeze for developers. An extractable file contains everything needed to set up a web server, including the server programme (Apache), database (MariaDB), and scripting language (PHP). XAMPP is also cross-platform, meaning it runs on Linux, Mac OS X, and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

- **BOOTSTRAP:** Bootstrap is a front-end framework for creating websites and online apps that is free and open-source. It includes design templates for typography, forms, buttons, navigation, and other interface elements that are based on HTML and CSS, as well as optional JavaScript extensions. Unlike many other web frameworks, it focuses solely on front-end development.

## 1.5 DATA MODELING

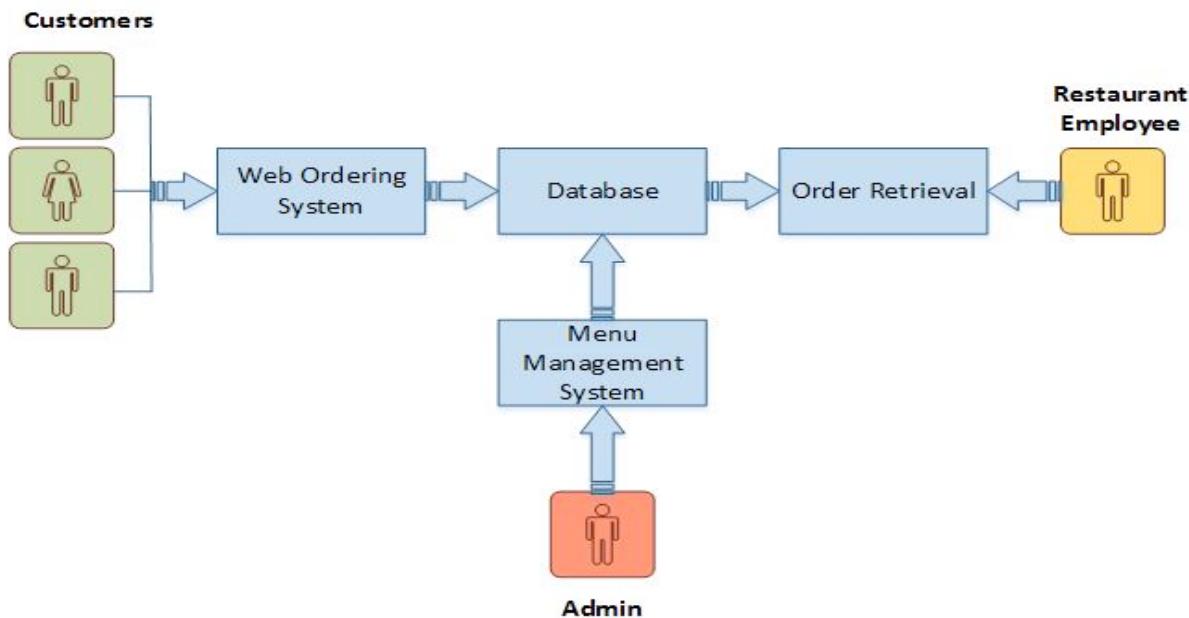
**Database Model:** A database model is a form of data model that establishes a database's logical structure and, more importantly, how data can be stored, organised, and manipulated.



*Fig 1.2 Database Model*

## CHAPTER 2 PROPOSED SOLUTION

### 2.1 PROPOSED MODEL



*Fig 2.1 Proposed Model explained through block diagram*

The structure of the system can be divided into 3 main logical components:

- Web Ordering System- provides the functionality for customers to place their order and supply necessary details.
- Menu Management-allows the restaurant to control what can be ordered by the customers
- Order Retrieval System-This is a final logical component. Allows restaurants to keep track of all orders placed. This component takes care of order retrieving and displaying order information.

## 2.2 PRODUCT FUNCTION

The Online Food Order System application would have the following basic functions:

### 1. Web Ordering System Module

This module provides the functionality for customers to place their order and supply necessary details. Users of the system, namely restaurant customers, must be provided the following functionality.

- Create an account.
- Manage their account.
- Log in to the system.
- Navigate the restaurant's menu.
- Select an item from the menu.

- Add an item to their current order.
- Enter the quantity of item.
- Review their current order.
- Remove an item/remove all items from their current order.
- Provide payment details.
- Place an order.
- View order details like Date & time of order placed, current status etc.

## 2. Menu Management System Module

This module provides functionality for the power user-Administrator only. It will not be available to any other users of the system like Restaurant Employees or Customers. Using a graphical interface, it will allow an Admin to manage the menu that is displayed to users of the web ordering system:

- Add /update/delete food items to/from the menu.
- Update price for a given food item.
- Update additional information (description, photo, etc.) for a given food item.

Before customers can actually use this system, functionality provided by this component will have to be configured first. Once the initial configuration is done, this will be the least likely used component as menu updates are mostly seasonal and do not occur frequently.

## 3. Order Retrieval System Module

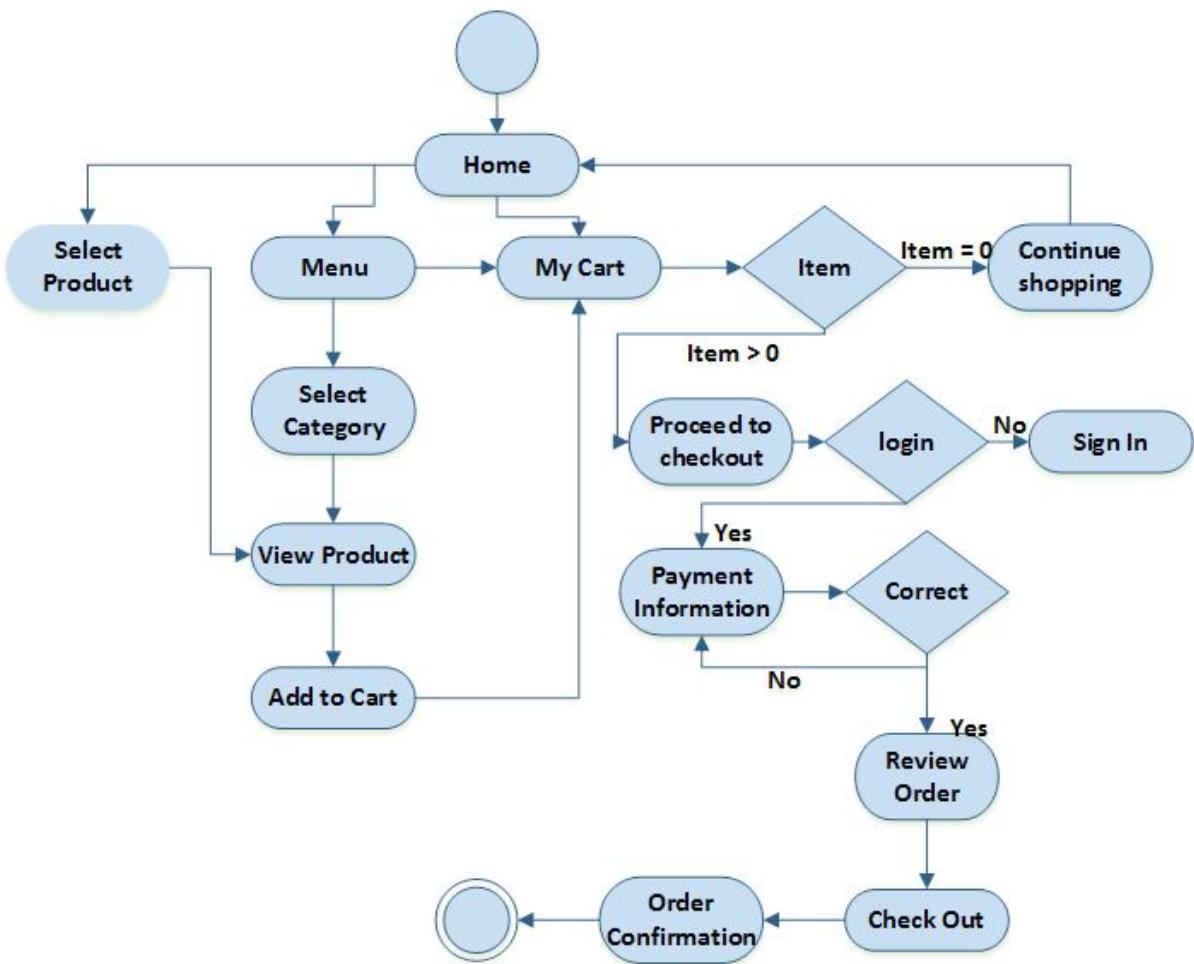
This is the most simplest module out of all 3 modules. It is designed to be used only by restaurant employees, and provides the following functions:

- Retrieve new orders from the database.
- Display the orders in an easily readable, graphical way.

## 2.3 IMPLEMENTATION

### 1. Activity Diagram

This section lists the activity diagram and describes the flow of the activities in the system. A detailed description is then given after the figure for each activity. Figure 2.1 provides an overview of the activity of the Online Food Order System application.



*Fig 2.1 Activity diagram*

Customers using the Web Ordering system will use an easy-to-use top navigation menu to engage with the application.

- “Home” menu option: Allows consumers to see all of the meal choices available with excellent visuals and select one to order.

- “Menu” menu option: A 'Drop-Down' menu option called "Menu" allows visitors to see all food items in a category. A single button click can then be used to add items to the cart.
- “MyAccount”: a “Drop Down” menu will display the user orders, Sign In and Sign Out options.
- The user starts navigating from the landing page and enters the three step procedure. The user in the first step chooses a restaurant from the given list.
- After selecting one, the user then chooses the food item he/she wishes to purchase and specifies the quantity of the same.
- The user may also choose to change the quantity in the upcoming section i.e. the cart section.
- The cart section enlists the food items vs the cost of each item and its quantity, followed by the checkout option.
- Once the user chooses to check out, the user is taken to the login page if the user is not already logged in.
- If logged in already, you will be redirected to the home page but the cart details are saved.
- Further after user login is confirmed we are taken to a cart summary, where we are provided with two different payment methods. The user may choose from his convenience.
- The user may also see the list of all the orders, where the user can see the items ordered, quantity, price, status of dispatch, date and time of order. The user can remove an existing order from the action button.

## 2.4 APPLICATION

According to a research carried by community social media platform LocalCircles, 48% of those polled are satisfied with the platform's customer service, 39% say no refunds or replacements are given in the case of substandard food, 88 percent want the government to implement "stringent food packaging standards," and 70% say high fees and surcharges are still a major concern.

"The study focused on understanding key consumer concerns, how food aggregators' customer service was functioning, as well as concerns about food quality, behaviour patterns of food delivery personnel, and what could be done via standardisation and information display to make the service more consumer-friendly," according to the survey.

The notable use cases of this application can be found in

1. Numerous food delivery companies like zomato, swiggy, can use this application, to overcome the above mentioned drawbacks and increase the customer satisfaction.

Further we believe to overcome the drawbacks of the existing online food orders systems which are pain points for the customers.

2. Local restaurants, hotels and food centres can deploy this application to start self sustained food delivery services.
3. Cloud kitchens is a concept which has gained eminent popularity in the recent years due to the situation of COVID 19 and researches suggest that it is going to persist for the upcoming years. We believe cloud kitchens can effectively use this application to perform their jobs with great efficiency.

## CHAPTER 3 RESULTS

### 3.1 PREVIEW OF RESULTS

Preview of the results system was created and deployed successfully as a web application. Following are previews of the same

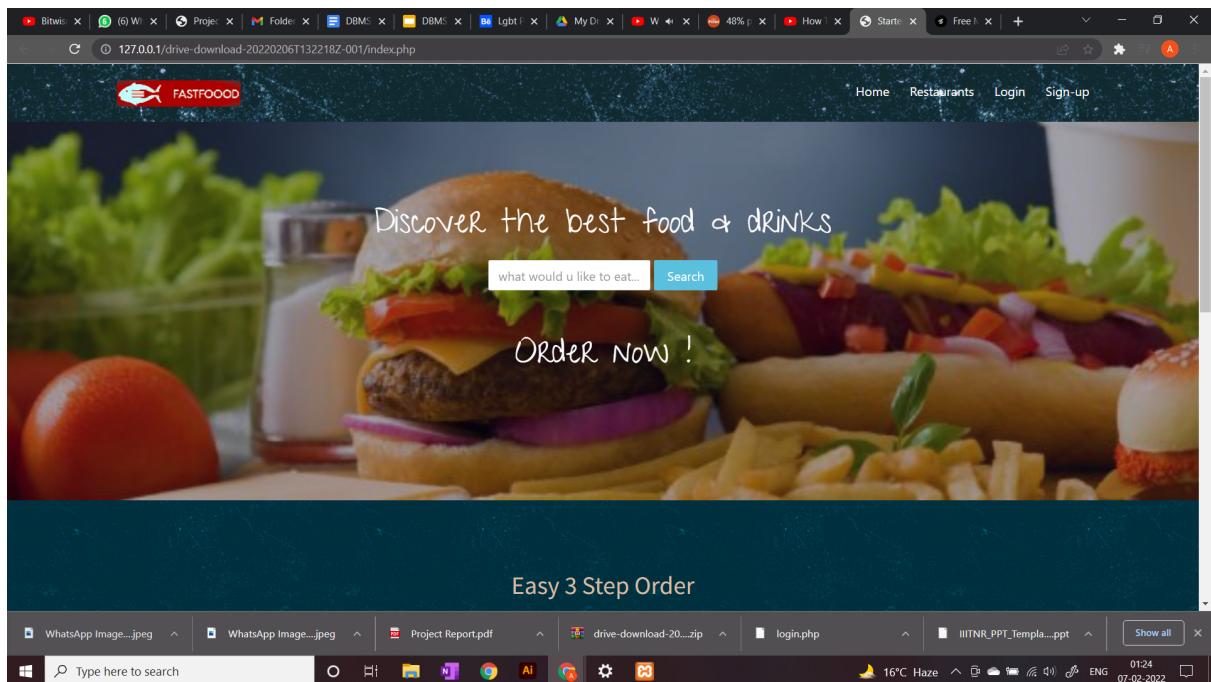
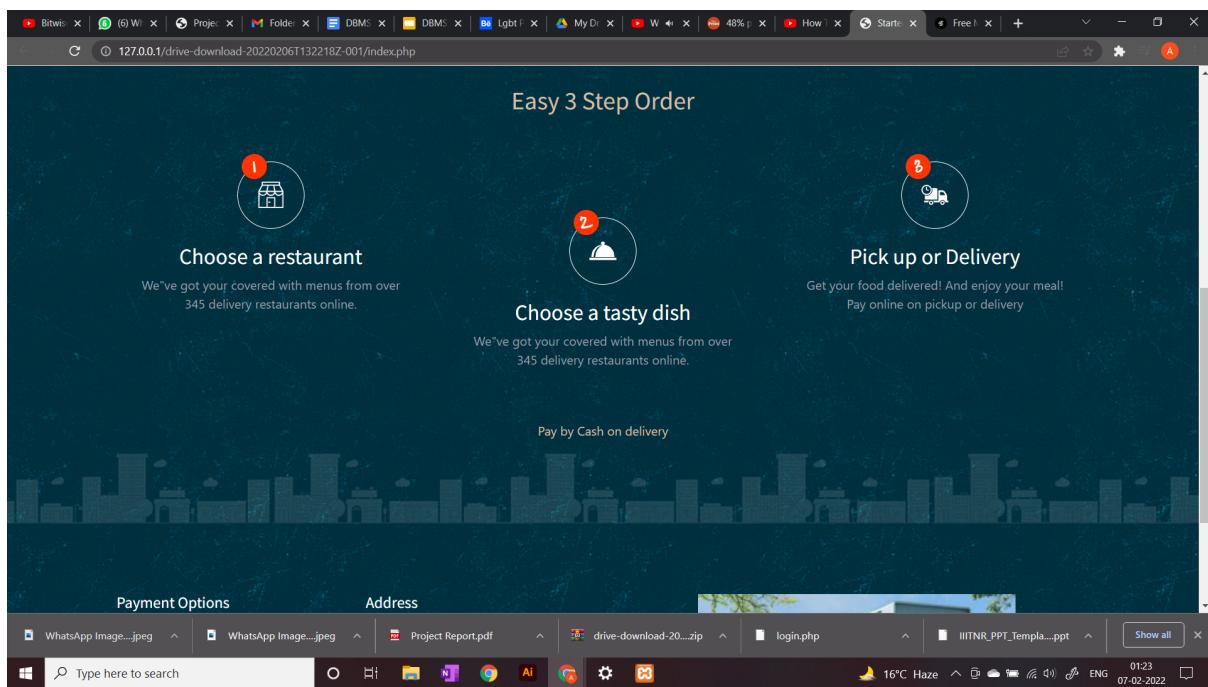


Fig 3.1 Landing viewport



*Fig 3.2 Landing Page*

*Fig 3.3 Restaurants Section*

The screenshot shows a web browser window for an online food ordering system. At the top, there is a navigation bar with links for Home, Restaurants, Login, and Sign-up. Below the navigation, there are three numbered steps: 1. Choose Restaurant, 2. Pick Your favorite food, and 3. Order and Pay online. The main content area features a restaurant listing for "Hariraj Palace, Raipur". It includes a thumbnail image of the restaurant interior, the name "Hariraj", the location "Palace, Raipur", a price range indicator "Min Rs. 1,000", a delivery time "30 min", and a yellow star rating icon. To the left, there is a section titled "Your Shopping Cart" which is currently empty. To the right, there is a "POPULAR ORDERS Delicious hot food!" dropdown menu showing an item "Aloo Pakode" with a description "sabse sasta,sundar,tikau" and a price "Rs.550.00".

Fig 3.4 Restaurants Page Food selection

# Login Form

Login to your account

Username

Password

login

Not registered? [Create an account](#)

Fig 3.5 Login Form

We created a database named Online\_res

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
admin_codes	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	16.0 KiB	-
dishes	Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 KiB	-
remark	Browse Structure Search Insert Empty Drop	9	InnoDB	latin1_swedish_ci	16.0 KiB	-
restaurant	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	16.0 KiB	-
res_category	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-
users	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16.0 KiB	-
users_orders	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
8 tables	Sum	42	InnoDB	latin1_swedish_ci	128.0 KiB	0 B

Check all With selected:

Fig 3.6 Database

Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

```
SELECT * FROM `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

adm_id	username	password	email	code	date
6	admin	81dc9bdb52d04dc20036dbd8313ed055	admin@gmail.com		2018-04-09 13:06:18
8	abc888	6d0361d5777656072438f6e314a852bc	abc@gmail.com	QX5ZMN	2018-04-13 23:42:30

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

Fig 3.7 Admin Table

Server: 127.0.0.1 » Database: online\_rest » Table: admin\_codes

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 5 (6 total, Query took 0.0003 seconds.)

```
SELECT * FROM `admin_codes`
```

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

	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	id	codes
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	1	QX5ZMN
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	2	QFE6ZM
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	3	QMZR92
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	4	QPGLIOV
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	5	QSTE52
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	6	QMTZ2J

Check all With selected:  Edit  Copy  Delete  Export

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

Fig 3.8 Admin\_Codes Table

Server: 127.0.0.1 » Database: online\_rest » Table: restaurant

	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	rs_id	c_id	title	email	phone	url	o_hr	c_hr	o_days	address	image	date
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	48	5	Hariraj	HariBurger@gmail.com	09041264676	HariBurger.com	7am	4pm	mon-tue	Palace, Raipur	5ad74ce37c383.jpg	2018-04-18 19:19:23
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	49	5	Jai ho Hotel	kwbab@gmail.com	011 26779070	kwbab.com	6am	5pm	mon-fri	Sector 27, naya Raipur, 49200	5ad74de005016.jpg	2018-04-18 19:23:36
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	50	6	Aman Dhaba	Vaishno@gmail.com	09041035147	Vaishno.com	6am	6pm	mon-sat	Magneto the mall, vip road, Raipur	5ad74e5310ae4.jpg	2018-04-18 19:25:31
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	51	7	Aaranyam	martin@gmail.com	3454345654	martin.com	8am	4pm	mon-thu	bhatapara,C.G Opposite Lovely Sweets, Nakoda Road, Bhilai	5ad74ebf1d103.jpg	2018-04-18 19:27:19
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	52	8	Motimahal	hud@gmail.com	2345434567	hudson.com	6am	7pm	mon-fri	Sweets, Nakoda Road, Bhilai	5ad756f1429e3.jpg	2018-04-18 20:02:17
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	53	9	BBQ nation	kari@gmail.com	4512545784	kari.com	7am	7pm	mon-sat	near kalu gali hotel india what everrrr.	5ad79e7d01c5a.jpg	2018-04-19 01:07:33

Check all    With selected:  Edit     Copy     Delete     Export

Server: 127.0.0.1 » Database: online\_rest » Table: users

	<input type="checkbox"/> Profiling	<input type="checkbox"/> Edit inline	<input type="checkbox"/> Edit	<input type="checkbox"/> Explain SQL	<input type="checkbox"/> Create PHP code	<input type="checkbox"/> Refresh	SELECT * FROM `users`
<input type="checkbox"/>	<input type="checkbox"/> Check all	<input type="checkbox"/> With selected:	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	<input type="checkbox"/> Export	Showing rows 0 - 0 ( total, Query took 0.0003 seconds.)
<input type="checkbox"/>	<input type="checkbox"/> Show all	<input type="checkbox"/> Number of rows: 25	<input type="checkbox"/> Filter rows: Search this table				

+ Options

	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	u_id	username	f_name	l_name	email	phone	password	address	status	date
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	33	revant	revant	ermany	esrirevent@gmail.com	8319305246	5f4dcc3b5aa765d61d8327deb882cf99	ghar pe de do	1	2022-02-05 20:34:46

Check all    With selected:  Edit     Copy     Delete     Export

Show all    Number of rows: 25    Filter rows: Search this table

Query results operations

Print     Copy to clipboard     Export     Display chart     Create view

Fig 3.9 Users table

Showing rows 0 - 6 (7 total, Query took 0.0021 seconds.)

```
SELECT * FROM `dishes`
```

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

	d_id	rs_id	title	slogan	price	img
<input type="checkbox"/>	11	48	Aloo Pakode	sabse sasta,sundar,tikau	550.00	5ad7582e2ec9c.jpg
<input type="checkbox"/>	12	48	Pav Bhaji	Pav Bhaji khao, khud jan jao	220.00	5ad7590d9702b.jpg
<input type="checkbox"/>	13	49	spring roll	sabse sasta,sundar,tikau, 1 roll 10 Rs	123.00	5ad7597aa0479.jpg
<input type="checkbox"/>	14	50	chicken	Plain grilled chicken breast? Blah.	349.00	5ad759e1546fc.jpg
<input type="checkbox"/>	15	51	Tacos	This chain, known for a wide selection of vegetari...	119.00	5ad75a1869e93.jpg
<input type="checkbox"/>	16	52	chinese platter	chinese lover? order it now!	225.00	5ad75a5dbb329.jpg
<input type="checkbox"/>	17	53	Rajma Chaval	Ji han!	179.00	5ad79fcf59e66.jpg

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

Fig 3.10 Users order and dishes table

Showing rows 0 - 6 (7 total, Query took 0.0021 seconds.)

```
SELECT * FROM `dishes`
```

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

	d_id	rs_id	title	slogan	price	img
<input type="checkbox"/>	11	48	Aloo Pakode	sabse sasta,sundar,tikau	550.00	5ad7582e2ec9c.jpg
<input type="checkbox"/>	12	48	Pav Bhaji	Pav Bhaji khao, khud jan jao	220.00	5ad7590d9702b.jpg
<input type="checkbox"/>	13	49	spring roll	sabse sasta,sundar,tikau, 1 roll 10 Rs	123.00	5ad7597aa0479.jpg
<input type="checkbox"/>	14	50	chicken	Plain grilled chicken breast? Blah.	349.00	5ad759e1546fc.jpg
<input type="checkbox"/>	15	51	Tacos	This chain, known for a wide selection of vegetari...	119.00	5ad75a1869e93.jpg
<input type="checkbox"/>	16	52	chinese platter	chinese lover? order it now!	225.00	5ad75a5dbb329.jpg
<input type="checkbox"/>	17	53	Rajma Chaval	Ji han!	179.00	5ad79fcf59e66.jpg

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

Fig 3.11 Dishes table

### 3.4 SOCIAL IMPACT:

- Studies report that online Food Delivery enables consumers to provide meals quickly and easily, thus helping them spend time with family. Also, Online Food Delivery offers those wishing to eat alone the opportunity to do this without compromising on taste, quality, or value, while also offering groups that want to eat together to share food and delivery.

2. Online Food Delivery provides access to a wide range of meal options for those who want to eat late due to work or lifestyle choices.
3. On a more positive note, the online Food Delivery and its delivery persons provided an important lifeline during the 2020 COVID-19 pandemic for tens of millions of people isolated at home. Online Food Delivery not only provides meals but also provides jobs for people who prepare or deliver food
4. Most of the major online Food Delivery platforms adapt their food delivery applications so that delivery persons and consumers do not have to have direct contact during this time.
5. Furthermore, given the no-go conditions that have been imposed in some countries due to the pandemic, many of the people's meal options have shifted from eating out or venturing out to grocery shopping and cooking at home processed food online.
6. In terms of social sustainability, online Food Delivery platform providers could help to tackle the food waste problem by exploring ways to better communicate with their consumers about appropriate portion sizes and to avoid pressuring or unduly incentivizing consumers to over purchase

## CHAPTER 4 CONCLUSIONS

With online ordering on board we can enrich our customer experience by making the process of ‘placing orders’ a lot easier. Customer’s time would also be saved. Online ordering will guarantee a level up to a business’s web presence which will make it stand out in the search engine rankings and bring more customers. Online ordering will boost a restaurant’s productivity by eliminating the inefficient process of taking orders. It will help to plan and implement an adaptive marketing campaign. Utilising the latest online ordering technology for your restaurant will also help you to tap into a massive customer base which is tech-savvy.

After running the application, a browse through the implementation of different objects, the developed system :

- Allows users to browse through different product categories: This is achieved through an easy to use graphical interface menu options.

- Allows users to save items to the cart and view detailed information about the order: The users can add any number of items to the cart from any of the available food categories by simply clicking the Add to Cart button for each item. Once an item is added to the cart, the user is presented with a detailed order to review or continue shopping.
- Allows the user to CheckOut the item(s): This is achieved using the “Proceed to checkout button” in the cart initially and then the “CheckOut” button at the last step after the “review Order” step. Button is disabled when there are no items in the cart.
- Allows the user to process the payment: This is achieved when the user selects the “Processed to Checkout” button and fills up the Payment information details.
- Allows the user to see the Success message after placing an order: This is achieved when the user successfully places an order. The user is given the order confirmation number along with a success message.

## REFERENCES

1. A STUDY ON EMERGING CONCEPT OF CLOUD KITCHEN IN INDIA Vol-44, No.-1(III), January-March(2021)
2. Moyeenudin, H.M. & R, Anandan & Shaikjaveedparvez, Bindu. (2020). A Research on Cloud Kitchen Prerequisites and Branding Strategies. 2278-3075. 10.35940/ijitee.C8188.019320.
3. A Research on Cloud Kitchen Prerequisites and Branding Strategies H.M.Moyeenudin, R. Anandan, ShaikJaveedParvez, Bindu. G
4. <https://cispl.com/pros-cons-online-food-delivery-services/>
5. <https://www.kevindowell.co/resources/>
6. <https://www.freecodecamp.org/>
7. <https://www.codecademy.com/learn/learn-sql>
8. <https://www.google.com/>
9. <https://www.w3schools.com/>

10. <https://www.wikipedia.org/>