Major Project Report
on

<u>Restaurant food website system</u>
And

Dashboard

Submitted in partial fulfillment for the award of diploma of engineering in Computer Science Engineering (2021-2022)

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{19111C04003}

CERTIFICATE

This certify that the project Report entitled Restaurant food website system as AND DASHBOARD which has been completed by Aditya   dwivedi in partial fulfillment of the requirements for the award of the diploma engineering in   computer   science for the session 2021-22 is benefit   work by them and has been completed under my   guidance   and supervision. It has not been submitted else were.

For any other degree.

Mr. Raju Singh Paraste.	Mr. Mahendra Gupta.	Mr. Utkarsh Agrawal
(Principal)	Submitted to	(H.O.D}

<u>AKNOWLEGEMENT</u>

A project this like one involves many People and in would complete without the mention of all

the people whose guidance and encouragement helped in the successful completion of

the project.

Our heartily thanks for the faculty members of **Department of Government Polytechnic**

College Anuppur for their efforts towards our project.

We would like to thanks our project in charge **Mr. Mahendra Gupta** who has been great

source of Inspiration for us and without whose humble Guidance of project was never to

shape.

We are also indebted to our guide **Mr. Mahendr a Gupta** for the Encouragement Guide and

Support.

We are also thankful to all many people whose timely help out paucity of shape is

restricting us from their name. And finally, we thank to all my college who were constant

support during the hole project.

PROJECT MEMBERS

Aditya Dwivedi

ABSTRACT

this report is conducted in order to set foundation upon which the final project. The title of project is restaurant food website. The system is implemented to reduce the manual work and enhances the accuracy of work in a restaurant. This system manages and maintains the record of customers and their order online. This website has been made in a user friendly interface. So that Customer can add and delete the food items easily. The menu card of different restaurant consists of various food varieties available in the restaurant. Through the place ordering menu, the customer can simply click and order the food. The messaging module tells the supplier to supply the particular food. Also tracking module track the order. The billing system prepares the bill according to the delivered food. This system entirely reduces the unnecessary time. Every order is associated with an individual seat at the table, and orders are built one customer at a time, just like on paper, but with greater accuracy. Items can also easily be shared by the whole table, moved or modified, and noted and the cost can be calculated in real time.

Outline

1. INTRODUCTION
2. OBJECTIVE
3. SCOPE OF STUDY
4. SYSTEM SPECIFICATION
5. LANGUAGE
6. FLOW CHART
7. DATABASE
8. SOURCE CODE
9. CONCLUSION
10. REFERENCES

1. <u>INTRODUCTION</u>

Over the years, technology has tremendously revolutionized the restaurant industry. Much of the innovation has been with point-of-sale (POS) operations. There is a famous saying that "People eat with their eyes". The e-Menu provides additional information about menu items and drinks than a traditional paper menu. The simplicity and ease of access of a menu are the main things that facilitate ordering food in a restaurant. The service goes quicker. Restaurants can build their e-reputation and customer community in live. The restaurant menu has evolved from its humble beginnings on carte chalkboards and imageless print to today's detailed, colorful displays. With the emergence of digital tablets and use friendly touch screen technology menus can move to a whole new surface. With this electronic menu, orders can be taken correctly the first time. There is no need to run back and forth to a distant terminal, orders can be taken correctly the first time. There is no need to run back and forth to a distant terminal, table, and orders are built one customer at a time, just like on paper, but with greater accuracy. Items can also easily be shared by the whole table, moved or modified, and noted and the cost can be calculated in real time. The Recommendation algorithm suggests dishes to the patrons based on previous orders. It makes it easier for the customer to build his/her order and also view the most popular dishes. Moreover, various dimension filters can be used according to individual preferences e.g. Price, taste, quantity, et.

Now days the rapid growth in the use of internet and the technologies associated with it, the several opportunities are coming up on the web or mobile application. This is made possible through the use of electronic payment system. The payment can be done through the customer's credit card, debit card. It is possible for everyone to order any goods from anywhere the internet and have the goods delivered at his/her home. All types made be internet le transaction ads to the economic of digital cash, the necessary tool for this process telecommunication with customers. The system will become an important tools use for restaurant to improve the management aspect by use of computer system to connected each and every food ordering transaction instead of data record on it. In addition, it can also provide efficiency

for the restaurant by reducing time consuming, minimize human errors or delivery and providing good quality and service to customers. In terms of the integrity and availability of the system provided, it can be concluded that this system is a suitable solution.

2. OBJECTIVES

To develop WEBSITE application for restaurant ordering system and provides facility to update the menu.

. To develop a software at kitchen and cashier to receive order from server.

. Customer should be able to enter the feedback about the service and the food

served by e-restaurant website application.

. To evaluate the way of interaction with customers.

. To determine the factors that influence customer when ordering food online.

3: SCOPE OF STUDY

Restaurants can offer electronic ordering both through their own online web or mobile site and through sites that serve various restaurants, and all restaurants also accept orders via text message more over the credit point and discount coupon out that many restaurants increased sales level as a result of accepting electronic orders. The restaurant now day a interactive and up-to-date menu with all available options in an easy to use manner. Most of Younger consumers were more likely to have used online food ordering is essentially adoption on self service approaches. Well-designed self-service ordering systems give customers actual control over the pace of their transaction and allow them to limit the amount of personal interaction of restaurant. In most cases, an increased level of control has been shown to lead to higher level of customer satisfaction and greater intent to use or recommend suggested the service. Perceived convenience of a self

-service system also leads to an increase in adoption and satisfaction. In this instance, the definition of convenience is related primarily to access convenience and transaction convenience. A customer will search for a favorite restaurant base on customer location, choose from available items. Payment can be amongst others either by credit card or cash.

4: <u>**SYSTEM SPECIFICATION**</u>

<u>HARDWARE:</u>

Edition Windows 10 Pro

Version 20H2

Installed on   2022

OS build 19042.1466

Experience Windows Feature Experience Pack 120.2212.3920.0

Device name DESKTOP-RVDJNID

Processor Intel(R) Core(TM) i5-10400 CPU @ 2.90GHz   2.90 GHz

Installed RAM 8.00 GB (7.90 GB usable)

Device ID 40B96D4B-98D9-4982-A1E5-96720D5D1F9B

Product ID 00330-81476-30331-AA060

System type 64-bit operating system, x64-based processor

<u>SOFTWERE:</u>

1. VSCODE.
2. XAMPP.
3. APACHE AND MYSQL

5: <u>LANGUAGE</u>

5.1: HTML

5.2: CSS

5.3: JAVA SCRIPT

5.4: PHP

5.5: MYSQL

<u>HTML:</u>

At its heart, HTML is a fairly simple language made up of elements, which can be applied to pieces of text to

give them different meaning in a document (Is it a paragraph? Is it a bulleted list? Is it part of a table?), structure

a document into logical sections (Does it have a header? Three columns of content? A navigation menu?), and

embed content such as images and videos into a page. This module will introduce the first two of these and introduce

fundamental concepts and syntax you need to know to un**.**

. HTML stands for Hyper Text Markup Language

. HTML is the standard markup language for creating Web pages

. HTML describes the structure of a Web page

. HTML consists of a series of elements

. HTML elements tell the browser how to display the content

. HTML elements label pieces of content such as "this is a heading",

"this is a paragraph", "this is a link", etc.

<u>Css</u>:

. CSS stands for Cascading Style Sheets

. CSS describes how HTML elements are to be displayed on screen, paper, or in other media

. CSS saves a lot of work. It can control the layout of multiple web pages all at once

. External stylesheets are stored in CSS files

JAVA SCRIPT :

JavaScript is a cross-platform, object-oriented scripting language used to make webpages interactive

(e.g., having complex animations, clickable buttons, popup menus, etc.). There are also more advanced server

side versions of JavaScript such as Node.

MYSQL:

MySQL is an open-source, fast reliable, and flexible relational database management system, typically used with PHP.

This chapter is an introductory chapter about MySQL, what is MySQL, and the main features of MySQL are described here.

. MySQL is a relational database management system.

. MySQL is open-source.

. MySQL is free.

. MySQL is ideal for both small and large applications.

. MySQL is very fast, reliable, scalable, and easy to use.

. MySQL is cross-platform.

. MySQL is compliant with the ANSI SQL standard.

. MySQL was first released in 1995

. MySQL is developed, distributed, and supported by Oracle Corporation.

PHP:

. PHP is an acronym for "PHP: Hypertext Preprocessor".

. PHP is a widely-used, open source scripting language.

. PHP scripts are executed on the server.

. PHP is free to download and use.

6 : FLOW CHART:

```
                    ┌─────────┐
                    │  START  │
                    └─────────┘
                         │
                         ▼
                ┌──────────────────┐
                │ CUSTOMER PLACE   │
                │                  │
                │     ORDER        │
                └──────────────────┘
                         │
                         ▼
                    ◇ ORDER ◇ ──────────▶ ╱ NUMBER OF ╱
                    ◇ FOOD  ◇             ╱  PEOPLE   ╱
                         │                      │
                         │                      ▼
                         │               ╱ HOW MUCH ╱
                    ◇ ADDITIONAL ◇ ◀──── ╱  FOOD    ╱
                    ◇   FOOD     ◇
                         │
                         ▼
                ┌──────────────────┐
                │ DISPATCH THE ORDER│
                └──────────────────┘
                         │
                         ▼
                    ┌─────────┐
                    │   END   │
                    └─────────┘
```

7: **DATABASE**

Server: 127.0.0.1 » Database: foodwebsite » Table: ordernow

Table structure   **Relation view**

	#	Name	Type	Collation	Attributes	Null	Default	Comm
☐	1	**name**	varchar(30)	utf8mb4_general_ci		No	*None*	
☐	2	**number**	varchar(30)	utf8mb4_general_ci		No	*None*	
☐	3	**orderf**	varchar(30)	utf8mb4_general_ci		No	*None*	
☐	4	**additionalfood**	varchar(15)	utf8mb4_general_ci		No	*None*	
☐	5	**howmuch**	varchar(15)	utf8mb4_general_ci		No	*None*	
☐	6	**address**	varchar(40)	utf8mb4_general_ci		No	*None*	
☐	7	**message**	varchar(40)	utf8mb4_general_ci		No	*None*	
☐	8	**dt**	datetime			No	current_timestamp()	

☐ Check all   *With selected:*   ▦ Browse   ✏ Change   ⊝ Drop   🔑 Primary

🔟 Unique   📇 Index   🆂 Spatial   🅃 Fulltext   Add to central columns

Remove from central columns

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

SELECT * FROM `ordernow`

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

☐ Show all | Number of rows: 25 ▾   Filter rows: Search this table

+ Options

name	number	orderf	additionalfood	howmuch	address	message	dt
aditya	3	rew	hot dog	9	erfcv	wdc	2022-05-28 10:44:15
aditya	2234325	noodls	hot dog	5783257	weruiff	fdwwfsdf	2022-05-29 05:09:06
abhi	12343	hot dog	chikan	12321	kotma	hello	2022-06-01 10:11:20

8: **SOURCE CODE**

HOME PAGE:

```html
<!-- home section starts  -->

<section class="home" id="home">

    <div class="swiper-container home-slider">

        <div class="swiper-wrapper wrapper">

            <div class="swiper-slide slide">
                <div class="content">
                    <span>our special dish</span>
                    <h3>spicy noodles</h3>
                    <p>good noodles/very teasty?</p>
                    <a href="#" class="btn">order now</a>
                </div>
                <div class="image">
                    <img src="images/home-img-1.png" alt="">
                </div>
            </div>

            <div class="swiper-slide slide">
                <div class="content">
                    <span>our special dish</span>
                    <h3>fried chicken</h3>
                    <p>good fried chicken/very teasty?</p>
                    <a href="#" class="btn">order now</a>
                </div>
                <div class="image">
                    <img src="images/home-img-2.png" alt="">
                </div>
            </div>

            <div class="swiper-slide slide">
                <div class="content">
                    <span>our special dish</span>
                    <h3>hot pizza</h3>
                    <p>good hot pizza/very teasty?</p>
                    <a href="#" class="btn">order now</a>
                </div>
                <div class="image">
                    <img src="images/home-img-3.png" alt="">
                </div>
            </div>
```
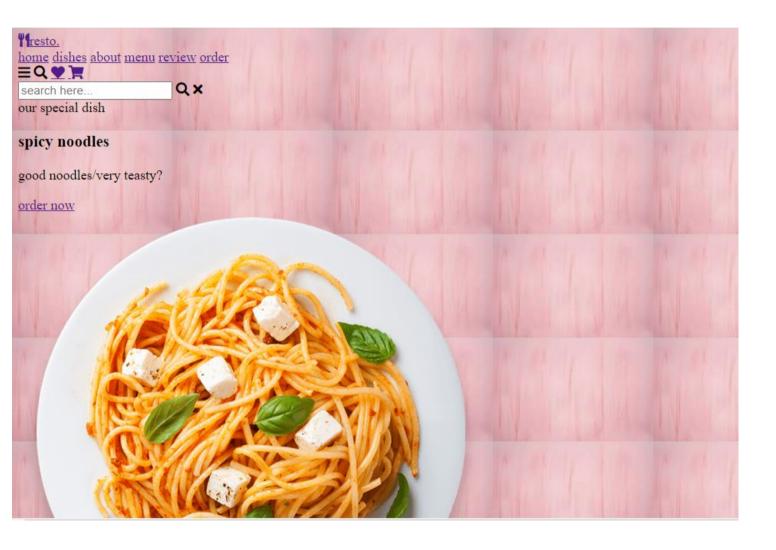
```
            </div>

            <div class="swiper-pagination"></div>

        </div>

    </section>

    <!-- home section ends -->
```

≡ 🔍 ♥ 🛒

search here... 🔍 ✕

our special dish

spicy noodles

good noodles/very teasty?

order now

MENU:

```html
<!-- menu section starts  -->

<section class="menu" id="menu">

    <h3 class="sub-heading"> our menu </h3>
    <h1 class="heading"> today's speciality </h1>

    <div class="box-container">

        <div class="box">
            <div class="image">
                <img src="images/menu-1.jpg" alt="">
                <a href="#" class="fas fa-heart"></a>
            </div>
            <div class="content">
                <div class="stars">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star-half-alt"></i>
                </div>
                <h3>delicious food</h3>
                <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
                <a href="#" class="btn">add to cart</a>
                <span class="price">rupees=200</span>
            </div>
        </div>

        <div class="box">
            <div class="image">
                <img src="images/menu-2.jpg" alt="">
                <a href="#" class="fas fa-heart"></a>
            </div>
            <div class="content">
                <div class="stars">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star-half-alt"></i>
                </div>
                <h3>delicious food</h3>
```
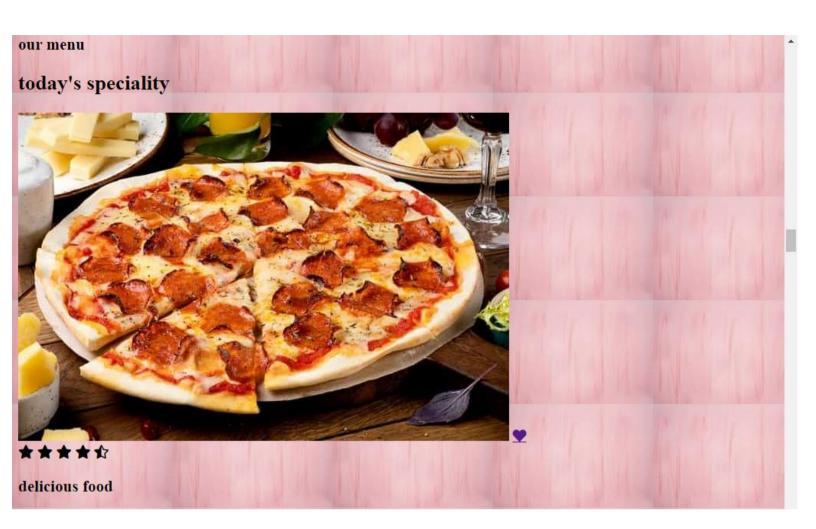
```html
            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
            <a href="#" class="btn">add to cart</a>
            <span class="price">rupees=350</span>
        </div>
    </div>

    <div class="box">
        <div class="image">
            <img src="images/menu-3.jpg" alt="">
            <a href="#" class="fas fa-heart"></a>
        </div>
        <div class="content">
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star-half-alt"></i>
            </div>
            <h3>delicious food</h3>
            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
            <a href="#" class="btn">add to cart</a>
            <span class="price">rupees=450</span>
        </div>
    </div>

    <div class="box">
        <div class="image">
            <img src="images/menu-4.jpg" alt="">
            <a href="#" class="fas fa-heart"></a>
        </div>
        <div class="content">
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star-half-alt"></i>
            </div>
            <h3>delicious food</h3>
            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
            <a href="#" class="btn">add to cart</a>
            <span class="price">rupees=200</span>
        </div>
    </div>
```

```html
<div class="box">
    <div class="image">
        <img src="images/menu-5.jpg" alt="">
        <a href="#" class="fas fa-heart"></a>
    </div>
    <div class="content">
        <div class="stars">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star-half-alt"></i>
        </div>
        <h3>delicious food</h3>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
        <a href="#" class="btn">add to cart</a>
        <span class="price">rupees=500</span>
    </div>
</div>

<div class="box">
    <div class="image">
        <img src="images/menu-6.jpg" alt="">
        <a href="#" class="fas fa-heart"></a>
    </div>
    <div class="content">
        <div class="stars">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star-half-alt"></i>
        </div>
        <h3>delicious food</h3>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
        <a href="#" class="btn">add to cart</a>
        <span class="price">rupees=340</span>
    </div>
</div>

<div class="box">
    <div class="image">
        <img src="images/menu-7.jpg" alt="">
        <a href="#" class="fas fa-heart"></a>
    </div>
```

```html
        <div class="content">
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star-half-alt"></i>
            </div>
            <h3>delicious food</h3>
            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
            <a href="#" class="btn">add to cart</a>
            <span class="price">rupees=360</span>
        </div>
    </div>

    <div class="box">
        <div class="image">
            <img src="images/menu-8.jpg" alt="">
            <a href="#" class="fas fa-heart"></a>
        </div>
        <div class="content">
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star-half-alt"></i>
            </div>
            <h3>delicious food</h3>
            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
            <a href="#" class="btn">add to cart</a>
            <span class="price">rupees=120</span>
        </div>
    </div>

    <div class="box">
        <div class="image">
            <img src="images/menu-9.jpg" alt="">
            <a href="#" class="fas fa-heart"></a>
        </div>
        <div class="content">
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
```

```
                    <i class="fas fa-star-half-alt"></i>
                </div>
                <h3>delicious food</h3>
                <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi,
accusantium.</p>
                <a href="#" class="btn">add to cart</a>
                <span class="price">rupees=450</span>
            </div>
        </div>

    </div>

</section>

<!-- menu section ends -->
```

add to cart rupees=200

★ ★ ★ ★ ⯪

delicious food

our menu

today's speciality

★ ★ ★ ★ ⯪

delicious food

delicious food

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi, accusantium.

add to cart rupees=350

★ ★ ★ ★ ⯪

delicious food

delicious food

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi, accusantium.

add to cart rupees=350

add to cart rupees=450

★ ★ ★ ★ ⯨

delicious food

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Excepturi, accusantium.

9: CONCLUSION:

Online Food court Ordering system is done to help and solve one of the important problems of customer. Because Large number of customer can use the internet and phone. Various issues related to Mess/ Tiffin Service will be solved by this system. Thus, implementation of Online Food Ordering system is done to help and solve one of the important problems of customer. It helps customer in making order easily and gives information needed in making order to customer place. The Food website application made for restaurant massive one help to receiving orders.

10: REFERENCE:

https://www.w3schools.com/

https://www.youtube.com/hashtag/codewithharry

https://www.w3schools.com/tags/tag_a.asp