

PROFESSIONAL TRAINING REPORT

at

Sathyabama Institute of Science and Technology

(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award

of Bachelor of Technology Degree in
Information Technology

By

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DEPARTMENT OF INFORMATION TECHNOLOGY

SCHOOL OF COMPUTING

SATHYABAMA

**INSTITUTE OF SCIENCE AND
TECHNOLOGY (DEEMED TO BE
UNIVERSITY)**

Accredited with Grade "A" by NAAC

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JANUARY 2021



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BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **JEEVITHA.D (38120033)** who carried out the project entitled "**HTML AND CSS Based Online food order and delivery**" under our supervision from November 2020 to January 2021..

INTERNAL GUIDE

Dr.Mary Gladence.L

HEAD OF THE DEPARTMENT

Dr.SUBHASHINI, M.E., Ph.D

Submitted for Viva voce Examination held on

Internal Examiner

External Examiner

DECLARATION

I **JEEVITHA.D** hereby declare that the Project Report entitled “**HTML AND CSS Based Online Food order and delivery** ” done by me under the guidance of **Dr.Mary Gladence.L** is submitted in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Information Technology.

DATE: 28/01/2021

PLACE: Chennai

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to Board of Management of SATHYABAMA for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey our thanks to **Dr. T. SASIKALA M.E., Ph.D.**, Dean, School of Computing and **Dr. R.SUBHASHINI, M.E.,Ph.D.**, Head of the Department, Department of Computer Science and Engineering for providing us the necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to our Project Guide **Dr.Mary Gladence.L** for her valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the Department of **INFORMATION TECHNOLOGY** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE



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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **JEEVITHA D** student of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, BTECH/IT** has undergone the Internship Training through online in our concern entitled **PYTHON** from **12th Aug 2020** to **26th Aug 2020** in relevant departments related to their academic studies.

During the above period, the performance was good & we wish great success in all your future endeavours.

Technology drives the world. We are the people who are behind the technology.

Authorised Signature



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07/08/2020

Jeevitha D

has successfully completed

Introduction to Cloud Identity

an online non-credit course authorized by Google Cloud and offered through Coursera

Google Cloud Training

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/YW5QPGzGzNEQ
Coursera has confirmed the identity of this individual and
their participation in the course.

ABSTRACT

The online food ordering system is one of the latest services most fast food restaurants in the western world are adopting. With this method, food is ordered online and delivered to the customer. This is made possible through the use of electronic payment system. Customers pay with their credit cards, although credit card customers can be served even before they make payment either through cash or cheque. So, the system designed in this project will enable customers go online and place order for their food.

Due to the great increase in the awareness of internet and the technologies associated with it, several opportunities are coming up on the web. So many businesses and companies now venture into their business with ease because of the internet. One of such business that the internet introduced is an online food ordering system. In today's age of fast food and take out, many restaurants have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining experience. Until recently, most of this delivery orders were placed over the phone, but there are many disadvantages to this system.

It is possible for anybody to order any goods via the internet and have the goods delivered at his/her doorsteps. But while trying to discuss the transfer method of the goods and services, attention is focused on the payment mode. In other words, how possible is it to pay for goods and services via the internet? This then leads to the discussion of the economic consequences of digital cash. What are the implementations from the view point of economic? Since the world is fast becoming a global village, the necessary tool for this process is communication of which telecommunication is a key player.

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LIST OF ABBREVIATIONS

S.NO	ABBREVIATIONS	EXPANSIONS
1.	ESP8266	WIFI MODULE
2.	DHT11	TEMPERATURE AND HUMIDITY SENSOR
3.	IOT	INTERNET OF THINGS

CHAPTER 1

INTRODUCTION

1.1 GENERAL

The online food ordering system is one of the latest services most fast food restaurants in the western world are adopting. With this method, food is ordered online and delivered to the customer. This is made possible through the use of electronic payment system. Customers pay with their credit cards, although credit card customers can be served even before they make payment either through cash or cheque. So, the system designed in this project will enable customers go online and place order for their food.

Due to the great increase in the awareness of internet and the technologies associated with it, several opportunities are coming up on the web. So many businesses and companies now venture into their business with ease because of the internet. One of such business that the internet introduced is an online food ordering system. In today's age of fast food and take out, many restaurants have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining experience. Until recently, most of this delivery orders were placed over the phone, but there are many disadvantages to this system. It is possible for anybody to order any goods via the internet and have the goods delivered at his/her doorsteps. But while trying to discuss the transfer method of the goods and services, attention is focused on the payment mode. In other words, how possible is it to pay for goods and services via the internet? This then leads to the discussion of the economic consequences of digital cash. What are the implementations from the view point of economic? Since the world is fast becoming a global village, the necessary tool for this process is communication of which telecommunication is a key player.

1.2 OUTLINE OF THE PROJECT

This study lays out a framework for a new system to be developed and brought to the market for maximum use and to create an avenue through the web where users can log on to our server and make a selection of whatever goods or food they like and subsequently pay via the internet. The following are the objectives this would bring:

1. The home page of this web interface provides an avenue where customers will be able to gather more and reliable information about what the fast food industry really does.
2. The products and services offered would provide the customers with all the different categories of available products that they can choose and select from.
3. This will provide a user friendly environment between the customer and employee thus increasing the efficiency of the food ordering system.
4. There will also be an online purchase form with which valued customers will be using to get in touch with any of their request whenever the need arises.
5. It will also help for easy retrieval of orders made by the customers.

CHAPTER 2

AIM AND SCOPE

2.1 AIM

The main objective of the project is monitoring Online food order and delivery using html and css.

2.2 PROBLEM STATEMENT

My project is about monitoring the online food order and delivery using html and css.

2.3 LITERATURE REVIEW

An ordering system is referred to as a set of detail methods that is being used in handling the ordering process. Food ordering can be computerized or done manually. Thos helps the customer to order their food themselves which is known as the customer self-ordering system. The customer self-ordering system can be defined as a computerized system that is being used by customers to place their own orders in the restaurant and allow the orders to be tracked, in order to prepare and deliver the food to the computers.

CHAPTER 4

SYSTEM IMPLEMENTATION

4.1 REQUIREMENTS

I.HARDWARE REQUIREMENTS:

- System with 2GB of RAM
- KEYBOARD
- MOUSE

II. SOFTWARE IMPLEMENTATION

- An ArduinoGenuino 1.8.7 version software for the Arduino Uno Board.

4.2 ROLE OF C

C is the language used in the displaying of the IOT based Humidity and Temperature Sensor using a Feasibility of Sound Decibel Meter. C is an computer programming language. C is a program in which it consist of both user defined standard library functions and pre defined standard library functions. An scope in any programming is a region of the programming where a defined variable can have its existence and beyond that the variable it cannot be accesed. There are two places

where the variables can be declared. They are LOCAL VARIABLES and GLOBAL VARIABLES. There are many advantages in an C programming like,

- It improves the reusability of the code.
- Same function can be used in any program rather than writing the same code from scratch.
- Debugging of the code would be easier.
- Errors are easily been traced.
- It reduces the size of the statements and are replaced by function calls in C.

4.3 RESULTS AND DISCUSSION

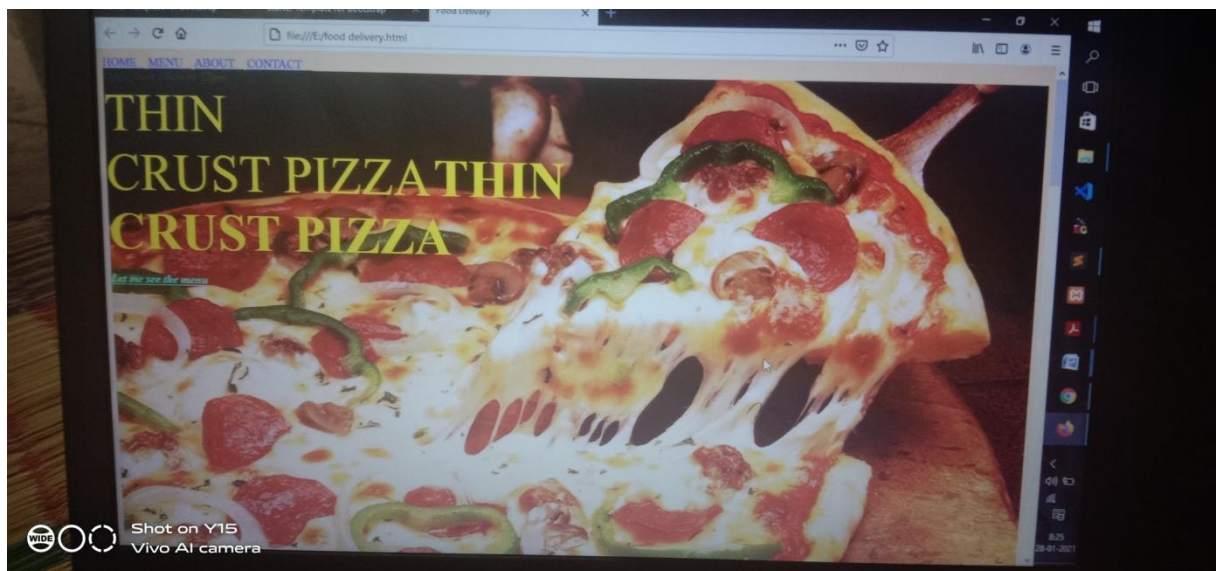


FIG 4.3.1

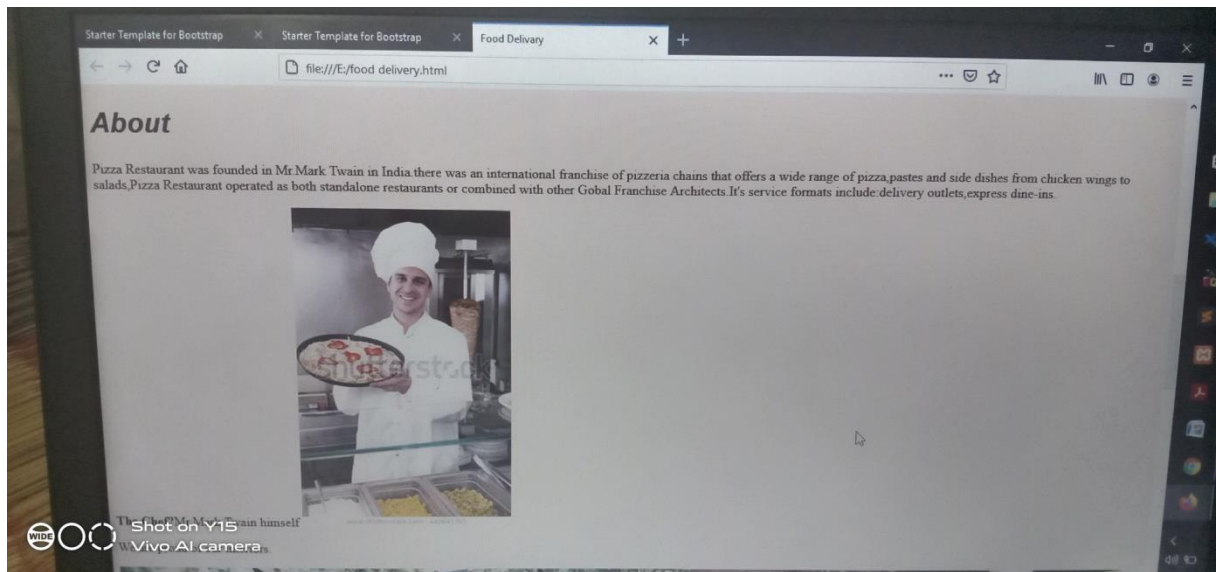


Fig 4.3.2

Fig 4.3.3

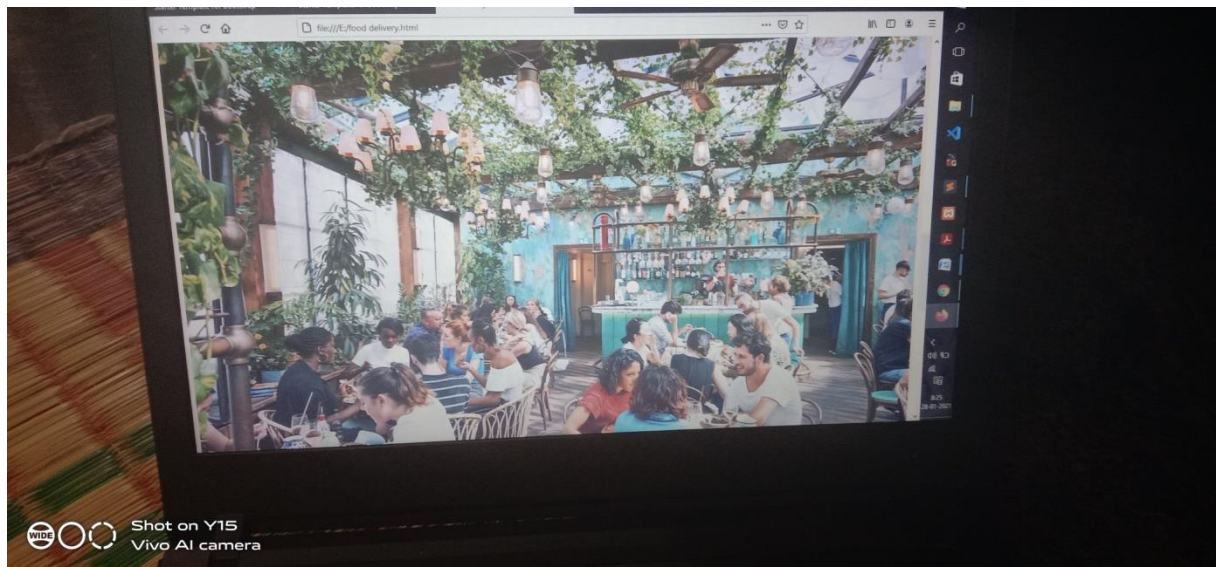
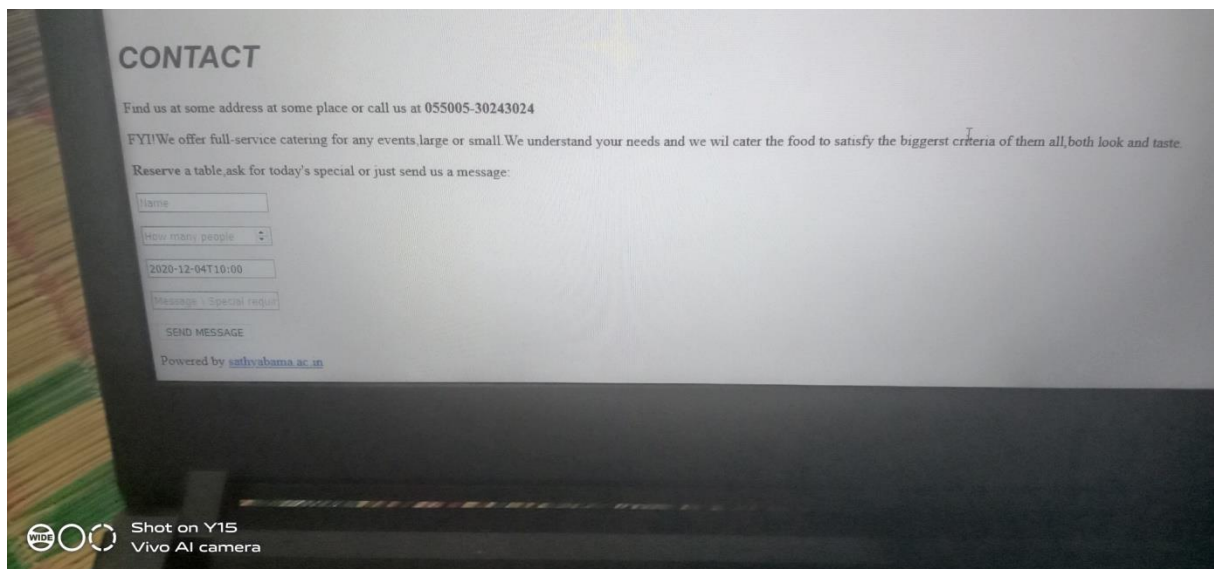
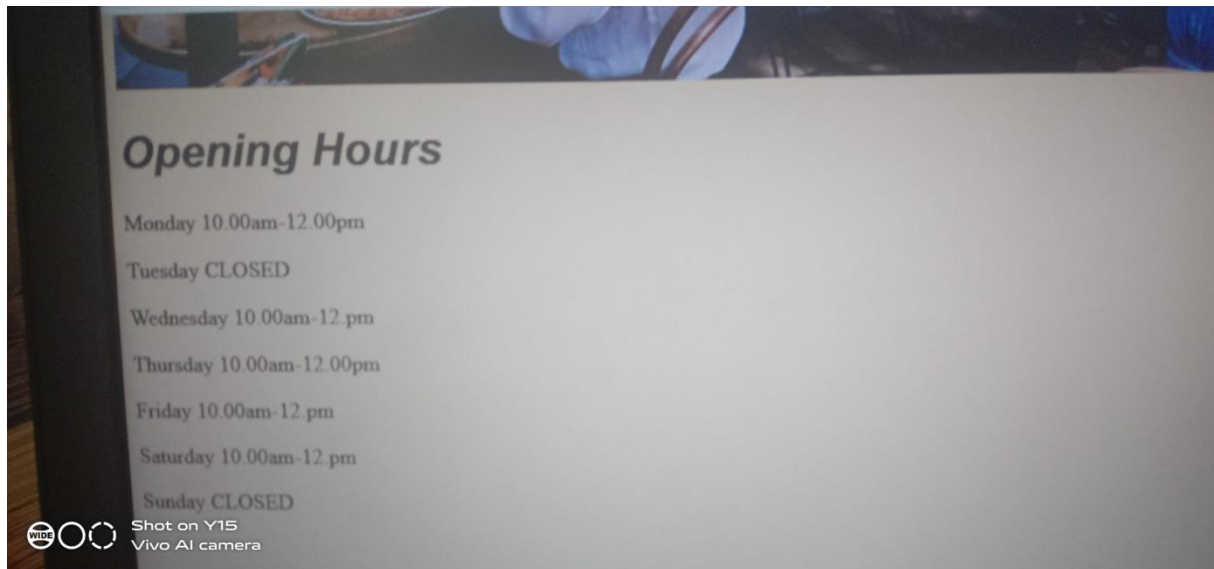


Fig 4.3.4



CHAPTER 5

CONCLUSION AND FUTURE WORK

5.1 CONCLUSION

The development of online food ordering system involved many phases. The approach used is a top-down one concentrating on *what* first, then *how* and moving to successive levels of details.

The first phase started with a detailed study of the problems and prospects of ordering in Krispy Foods, Awka. In the course of this study, many problems were discovered to have hindered the effectiveness of the existing manual system. These problems, information needs and activities were documented and later used as the basis for system design, which immediately followed the first phase. The design phase was concerned primarily with the specification of the system elements in manner that best met the organization's business needs

REFERENCES

1. Tinker cad - www.tinkercad.com.
2. Arduino –www.arduino.cc.
3. Programming in C – Zamlya Chan.

APPENDICIES

SOURCE CODE :

```
<!DOCTYPE html>
<html>
  <title> Food Delivary</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,initial-scale=1">
  <link rel="stylesheet" type="text/css"
href="http://www.w3school.com/w3css/4/w3.css">
  <link rel="stylesheet" type="text/css"
href="http://fonts.gooleapis.com/css?family=Amatic+SC">
<style>
  body,html{height:100%}
  body h1,h2,h3,h4,h5,h6 {font-family:"Amatic SC",sans-serif }
  .menu {display: none}
  .bgimg{
    background-repeat: no-repeat;
```

```

        background-size: cover;
        background-image: url('mini.jpg');
        min-height:99%;
    }
</style>
<body>
    <!--Navber(sit on top)-->
    <div class="w3-top w3-hide-saml">
        <div class="w3-bar w3=xlarge w3-black w3-hover-opacity-
off" id="myNavbar">
            <a href="#" class="w3-bar-item w3-button">HOME &ensp;</a>
            <a href="#menu" class="w3-bar-item w3-button">MENU &ensp;</a>
            <a href="#about" class="w3-bar-item w3-button">ABOUT &ensp;</a>
            <a href="#myMap" class="w3-bar-item w3-button">CONTACT
&ensp;</a>
        </div>
    </div>
    <!--Header with image-->
    <header class="bgimg w3-display-container w3-grayscale-min" id="home">
    <div class="w3-display-bottomleft w3-padding">
    <span class="w3-tag w3-xlarge" style="color:#808000">
        <em><b><b>
        Open from 10am to 12pm</b></b></em>
    </span>
    </div>
    <div class="w3-display-middle w3-center">
    <span class="w3-text-red w3-hide-large" style="font-
size:70px;color:#FFFF00">THIN<br>CRUST PIZZA</span>
    <span class="w3-text-red w3-hide-large w3-hide-medium" style="font-
size:70px;color:#FFFF00">
        <b>THIN<br>CRUST PIZZA</b></span>
    <p><a href="#menu" class="w3-button w3-xxlarge w3-black" style="color:

```

```

#33FFBD"><em><strong><b>Let me see the menu</b></strong></em></a></p>
</div>
</header>
<!--Menu container-->
  <div class="w3-container w3-black w3-padding-64 w3-xxlarge" id="menu">
    <div class="w3-content">
      <h1 class="w3-center w3-jumbo" style="margin-bottom:25px"><em><b>THE
MENU</b></em></h1>
      <div class="w3-row w3-center w3-border w3-border-dark-grey">
        <a href="javascript:void(0)" onclick="OpenMenu(event,'pizza');"id="myLink">
          <div class="w3-col s4 tablink w3-padding-large w3-hover-red"><b>Pizza</b>
          </div>
        </a>
        <a href="javascript:void(0)" onclick="OpenMenu(event,'pasta');">
          <div class="w3-col s4 tablink w3-padding-large w3-hover-
red"><b>Salads</b>
          </div>
        </a>
        <a href="javascript:void(0)" onclick="OpenMenu(event,'starter');">
          <div class="w3-col s4 tablink w3-padding-large w3-hover-red"><b>starter</b>
          </div>
        </a>
      </div>
      <div id="Pizza" class="w3-container menu w3-padding-32 w3-white">
        <h1><b>Margherita</b>
        <span class="w3-right w3-tag w3-dark-grey w3-round">$12.50</span></h1>
        <p class="w3-text-grey">Fresh tomatoes,fresh mozzarella,fresh basil</p>
        <hr>
        <h1><b>Formaggio</b>
          <span class="w3-right w3-tag w3-dark-grey w3-
round">$15.50</span></h1>
          <p class="w3-text-grey">Four

```

```

cheeses(,parmesan,pecorino,jarlsberg)</p>
    <hr>
    <h1><b>Chicken</b>
        <span class="w3-right w3-tag w3-dark-grey w3-
round">$17.00</span></h1>
        <p class="w3-text-grey">Fresh
tomatoes,mozzarellla,chicken,onions</p>
        <hr>
        <h1><b>pineapple'o'clock</b>
            <span class="w3-right w3-tag w3-dark-grey w3-
round">$16.50</span></h1>
            <p class="w3-text-grey">Fresh tomatoes,mozzarella,fresh
pineapple,bacon,fresh basil</p>
            <hr>
            <h1><b>Meat Town</b>
                <span class="w3-tag w3-red w3-round">Hot!</span>
                <span class="w3-right w3-tag w3-dark-grey w3-
round">$20.00</span></h1>
                <p class="w3-text-grey">Fresh tomatoes,mozzarella,hot
pepporoni,hot sausage,beef,chicken</p>
                <hr>
                <h1><b>Parma</b>
                    <span class="w3-tag w3-grey w3-round">New</span>
<span class="w3-right w3-dark-grey w3-round">$21.50</span></h1>
                    <p class="w3-text-grey">Fresh
tomatoes,mozzarella,parmaa,bacon,fresh arugula</p>
                </div>
            <div id="pasta"class="w3-container menu w3-padding-32 w3-white">
                <h1><b>Lasagna</b>
                    <span class="w3-tag w3-grey w3-round">Popular</span>
                    <span class="w3-right w3-tag w3-dark-grey w3-
round">$13.50</span></h1>

```

```

        <p class="w3-text-grey">Special
sauce,mozzarella,parmesan,ground beef</p><hr>
        <h1><b>Ravioli</b>
        <span class="w3-right w3-tag w3-dark-grey w3-
round">$14.50</span></h1>
        <p class="w3-text-grey">Ravioli filled with cheese</p>
        <hr>
        <h1><b>Spaghetti Classica</b>
        <span class="w3-right w3-tag w3-dark-grey w3-
round">$11.00</span></h1>
        <p class="w3-text-grey">Fresh tomatoes,onions,ground
beef</p>
        <hr>
        <h1><b>Seafood Pasta</b>
        <span class="w3-right w3-tag w3-dark-grey w3-
round">$25.50</span></h1>
        <p class="w3-text-
grey">Salmon,Shrimp,lobster,garlic</p></div>
        <div id="starter"class="w3-container menu w3-padding-32 w3-
white">
                <h1><b>Today's Soup</b>
                <span class="w3-tag w3-grey w3-
round">Seasonal</span>
                <span class=" w3-right w3-tag w3-dark-grey w3-
round">$5.50</span></h1>
                <p class="w3-text-grey">Ask the waiter</p><hr>
                <h1><b>Bruschetta</b>
                <span class="w3-right w3-tag w3-dark-grey w3-
round">$8.50</span></h1>
                <p class="w3-text-grey">Bread with
pesto,tomatoes,onions,garlic</p>
                <hr>

```

```

        <h1><b>Garlic bread </b>
            <span class="w3-right w3-tag w3-dark-grey w3-
round">$9.50</span></h1>
            <p class="w3-text-grey">Grilled ciabatta,garlic
butter,onions</p><hr>
            <h1><b>Tomozzarella</b>
            <span class="w3-right w3-tag w3-dark-grey w3-
round">$10.50</span></h1>
            <p class="w3-text-grey">Tomatoes and mozzarella</p>
        </div><br>
    </div>
</div>
<!--About container-->
<div class="w3-container w3-padding-64 w3-red w3-greyscale w3-xlarge"
id="about">
<div class="w3-content">
    <h1 class="w3-center w3-jumbo" style="margin-bottom:25px">
<em><b>About</b></em> </h1>
    <p>Pizza Restaurant was founded in Mr.Mark Twain in India.there was an
international franchise of pizzeria chains that offers a wide range of pizza,pastes
and side dishes from chicken wings to salads,Pizza Restaurant operated as both
standalone restaurants or combined with other Gobal Franchise Architects.It's
service formats include:delivery outlets,express dine-ins.</p>
    <p><strong> The Chef?</strong>Mr.Mark Twain himself
        <img src='chef.jpg' style="width:20%" class="w3-circle w3-right"
alt="chef"></p>
        <p>We are proud of our interiors.</p>
        
        <h1><em><b>Opening Hours</b></em></h1>
    <body style="background-color: wheat">
        <div class="w3-row">

```

```

<div class="w3-col s6">
    <p>Monday 10.00am-12.00pm </p>
    <p>Tuesday CLOSED</p>
    <p>Wednesday 10.00am-12.pm </p>
    <p>Thursday 10.00am-12.00pm </p>
</div>
<div class="w3-col s6">
    <p>Friday 10.00am-12.pm </p>
    <p>Saturday 10.00am-12.pm </p>
    <p>Sunday CLOSED</p>
</div>
</div>
</div>
</div>
<!--Image of location/map-->
<img scr="/w3-tagimages/map.jpg" class="w3-image w3-greyscale" style="width:
100%;" id="myMap">
<!-- Contact-->
<div class="w3-container w3-padding-64 w3-blue-grey w3-grayscale-min w3-
xlarge">
    <div class="w3-content">
        <body style="background-color: yellow">
            <h1 class="w3-center w3-jumbo"style="margin-bottom:
25px"><em><b>CONTACT</b></em></h1>
            <p>Find us at some address at some place or call us at <b>055005-
30243024</b></p>
            <p><span class="w3-tag">FYI!</span>We offer full-service catering for
any events,large or small.We understand your needs and we wil cater the food to
satisfy the biggerst criteria of them all,both look and taste.</p>
            <p class="w3-xxlarge">
                <strong> Reserve</strong> a table,ask for today's special or just

```

```

send us a message:</p>
    <form action="/action_page.php" target="_blank">
        <p><input class="w3-input w3-padding-16 w3-border"
type="text" placeholder="Name" required name="Name">
        </p>
        <p><input class="w3-input w3-padding-16 w3-border"
type="number" placeholder="How many people" required name="people"></p>
        <p><input class="w3-input w3-padding-16 w3-border"
type="datetime-local" placeholder="Date and time" required name="date"
value="2020-12-04T10:00"></p>
        <p><input class="w3-input w3-padding-16 w3-border" type="text"
placeholder="Message \ Special requirements" required name="Message"></p>
        <p><button class="w3-button w3-light-grey w3-block"
type="submit">SEND MESSAGE</button></p>
    </form>
</div>
</div>
<!--Footer -->
<footer class="w3-center w3-black w3-padding-48 w3-xxlarge"><p> Powered
by <a href="http://www.sathyamaba.ac.in/w3css/default.asp"
title="sathyamaba.CSS" target="_black" class="w3-hover-text-
yellow">sathyabama.ac.in</a></p>
</footer>
<script>
//Tabbed Menu
function OpenMenu(evt,menuName)
{
    var i,x,tablinks;
    x=document.getElementsByClassName("menu");
    for(i=0;i<x.length;i++)
    {
        x[i].style.display="none";

```

```

        }
        tablinks=document.getElementsByClassName("tablink");
for (i=0; i<x.length; i++)
{
    tablink[i].className=tablinks[i].className.replace("w3-red","");
}
document.getElementById(menuName).style.display="block";
evt.currentTarget.firstChild.className += "w3-red";
}
document.getElementById("myLink").click();
</script>
</body>
</html>

```