

Online Pizza Delivery System

FINAL REVIEW REPORT

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PROJECT COMPONENT

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(Deemed to be University under section 3 of UGC Act, 1956)

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ABSTRACT

Pizza ordering has become a very common thing for today's generation and one will realize how few customizations these large pizza outlets and chains provide for each of their customers. And even if they do allow these customizations, customers have to pay hefty charges for such customizations/services. Moreover, almost all online pizza ordering websites have a poor design management and a simple checkout can take up to 5-10 minutes for an average or regular user and about 15 minutes for a new user; rather in this time interval, a pizza can be baked faster. Thus, to try and solve both these problems, this website is planned to be developed. The core of the project still remains the same as an online food ordering system but however, the toppings can be chosen by the user completely, and each & every one of these toppings will have a fixed rice which will be added to showcase the final price. Moreover, we plan to implement this website in such a manner that it is accessible to as many people as possible including people with non-graphical web browsers. The website shall support multiple-theme support for those who don't like the default one and the UI of the website will be tried to be made as user-friendly, responsive and fast as possible to allow checkouts in under 2 minutes for regular users and under 5 minutes for new users, which will help in the customers getting their choice of pizza and the restaurant gaining the profits and most importantly, a strong customer-base, which will make it known across a greater strata of the population.

INTRODUCTION

Food Delivery has become very common in today's times. Whenever a person wants to eat something, he/she orders it through various sites/applications available today in the market, either restaurant-specific applications or an app having all the restaurants in one interface itself.

However, one does face problems when using the application for the first time; problems which might occur are not able to first understand the interface due to its design layout, which seems to appear complex for a new user, and for the existing users, they experience problems in executing multiple operations required for services which can be done in a quick manner and also they have to pay extra charges for the customizations they make for their food, which sometimes tends to be on the costlier side.

Our Pizza Delivery Website aims to overcome these issues by implementing a simple and user-friendly interface in such a way that whether the user is a first-timer or a regular customer, he/she is able to access and navigate through the site easily due to the services tabs being present at the start itself.

Also, rates are fixed, whether for the pizza or the toppings/crust/sauce to be added or changed; these advantages make the site time- and cost-friendly. While some websites or applications tend to have a common/tedious layout, which may not be able to users much, this website has multiple-theme support, and the UI of this website is also responsive and fast. This will help the restaurant gain sales, a favorable word-of-mouth and strong customer-base, which will help establish the restaurant well in the market, and maintain a healthy position in today's market.

DATA FLOW

Hierarchical Task Analysis (HTA)

Task 1- Place Order:

Customer places an order in the system, after which the amount and estimated total time for delivery is calculated.



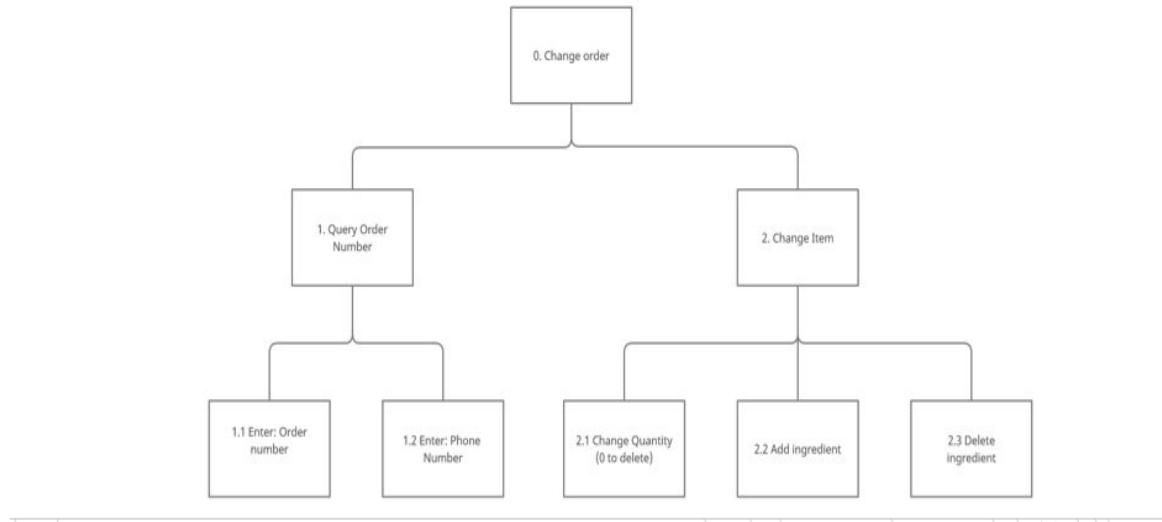
- 0 Using “Placing Order”
- 1 Item Selection
- 2 Entering the quantity of item
- 3 Entering the additional ingredients
 - 3.1- Selection of ingredients
 - 3.2- Cluck add ingredients
- 4 Order submission
- 5 Verification of order

Plan 0-> First processes 1-2, then 3 (if required, in same order), then processes 4-5.

Plan 3-> Processes 3-4 in that order, and repetition if required.

Task 2- Change Order:

Order is changed by the customer, upon calling the store.



0 Using “Changing Order” through the system

1 Query Order name

- 1.1- Entering Order name
- 1.2- Entering phone number

2 Item change

- 2.1- Changing Quantity (0 for deletion)
- 2.2- Addition of ingredients
- 2.3- Deletion of ingredients

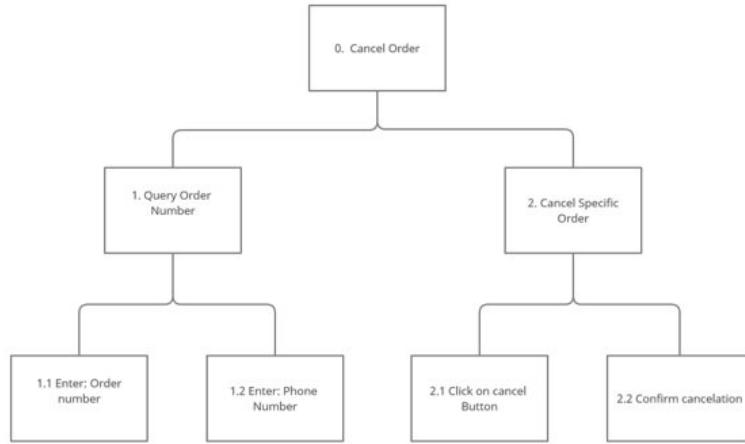
Plan 0-> Processes 1-2 in that order.

Plan 1-> Processes 1.1-1.2 if required (any order).

Plan 2-> Processes 2.1-2.2-2.3 if required, in any order.

Task 3- Cancellation of Order:

Order cancellation by the customer, when he/she calls the store.



0 Using “Cancelling Order” by the user

1 Querying order

- 1.1- Entering order number
- 1.2- Entering phone number

2 Cancelling a Specific Order

- 2.1- Clicking ‘Cancel’ button
- 2.2- Confirming cancellation

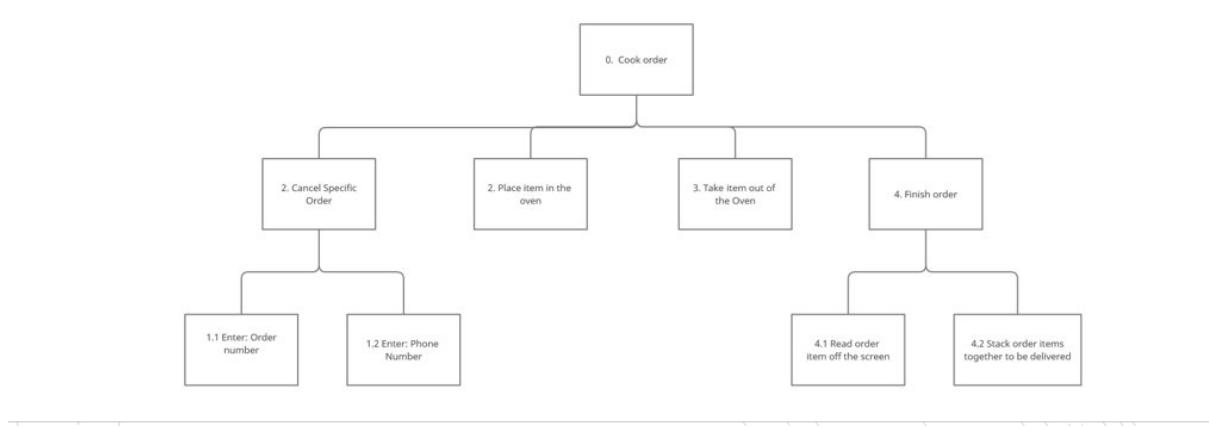
Plan 0-> Processes 1-2 in that order.

Plan 1-> Processes 1.1-1.2 if required, in any order.

Plan 2-> Processes 2.1-2.2 in that order.

Task 4- Cooking Order:

The placed order is forwarded to the kitchen, and placed in a queue for preparation. Simultaneously, other orders will be prepared too in a queue.



0 Using “Cooking Order”

1 Preparation of Order

1.1- Reading item details off the screen

1.2- Preparing the item to be placed in oven 2

Placing the item to be prepared, in an oven

3 Taking item out of the oven

4 Finishing Order

4.1- Reading order items off the screen

4.2- Stacking order items together, which are to be delivered

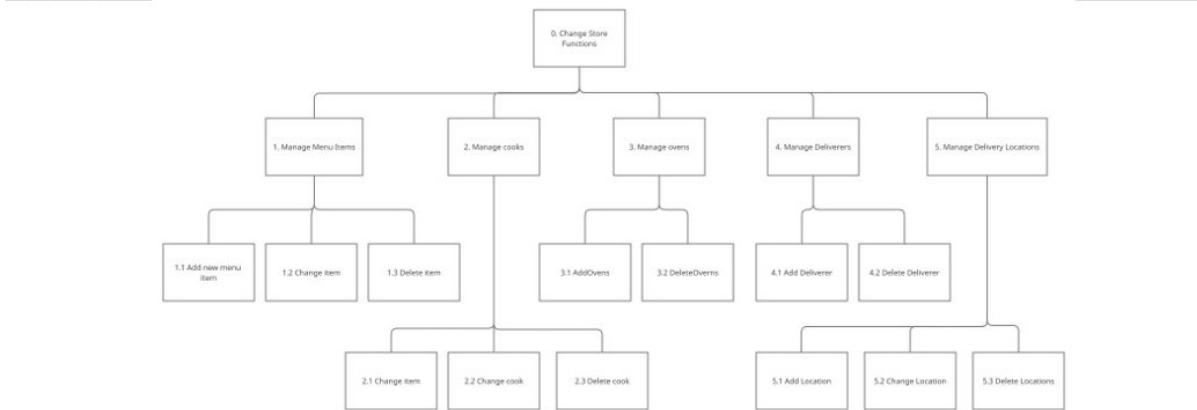
Plan 0-> Processes 1-2-3-4 in that order.

Plan 1-> Processes 1.1-1.2 in that order.

Plan 4-> Processes 4.1-4.2 in that order.

Task 5- Changing Store Functions:

Changing and management of Store functions- storing, cooking, oven and delivery of items/orders.



0 Using “Changing Store functions”

1 Managing Menu items

- 1.1- Adding new menu item
- 1.2- Changing item
- 1.3- Deletion of item

2 Management of Cooks

- 2.1- Adding cook
- 2.2- Changing cook
- 2.3- Deletion of cook

3 Management of Ovens

- 3.1- Adding oven
- 3.2- Deletion of oven

4 Management of Deliveries

- 4.1- Adding deliveries
- 4.2- Deletion of deliveries

5 Management of Delivery locations

- 5.1- Adding location
- 5.2- Changing location
- 5.3- Deletion of location

Plan 0-> Processes 1-2-3-4-5 in any order or combination, if required.

Plan 1-> Processes 1.1-1.2-1.3 in any order or combination, if required.

Plan 2-> Processes 2.1-2.2-2.3 in any order or combination, if required.

Plan 3-> Processes 3.1-3.2 in any order or combination, if required.

Plan 4-> Processes 4.1-4.2 in any order or combination, if required.

Plan 5-> Processes 5.1-5.2-5.3 in any order or combination, if required.

Storyboard

Login	Place Order	Payment
<p>Username/Email</p> <p>Password</p> <p>Login</p> <p>Don't have any account? Register here Already have an account? Sign In</p>	<p>Menu</p> <p>Your Choice</p> <p>Quantity</p> <p>Price</p> <p>Add Ons</p> <p>Add Instruction</p> <p>Continue Checkout</p>	<p>Name</p> <p>Address</p> <p>Menu Order</p> <p>Sub Total</p> <p>Delivery Fee</p> <p>Total Order</p> <p>Payment Method</p> <p>CREATE ORDER</p>
The user need to login from this page provided they already register, signing up from here would take them to the Homepage.	In this page, the user can placed their order by choose any variety of food in the number of quantity they want.	In this page, the user need to check all the detail of order. The user need to make sure all of the detail that appear up in the screen are verifiable.

HEURISTIC EVALUATION

1) MATCH BETWEEN SYSTEM AND REAL WORLD: We have ensured users can understand meaning without having to go look up a word's definition. The terms, concepts, icons and images are very clear and define the purpose over there.

2) VISIBILITY OF SYSTEM STATUS: We keep the users informed about what is going on. We give them appropriate feedback within a reasonable amount of time.

3) FLEXIBILITY AND EFFICIENCY OF USE: Shortcuts have been provided so as to increase the interaction speed of the expert users. The design caters to both inexperienced and experienced users.

4) AESTHETIC AND MINIMALIST DESIGN: Irrelevant information hasn't been added to our website. We've ensured to keep the content and visual design focussed on the essentials.

5) USER CONTROL AND FREEDOM: When users make a wrong choice, they can easily leave the unwanted action without going through an extended process.

6) CONSISTENCY AND STANDARDS: Different words and actions have the same meaning. For instance, the submit button looks the same across all the pages.

7) RECOGNITION RATHER THAN RECALL: We have tried reducing the user's memory load by making actions and options visible. We've given the users a set of options than let them remember and type out the whole thing.

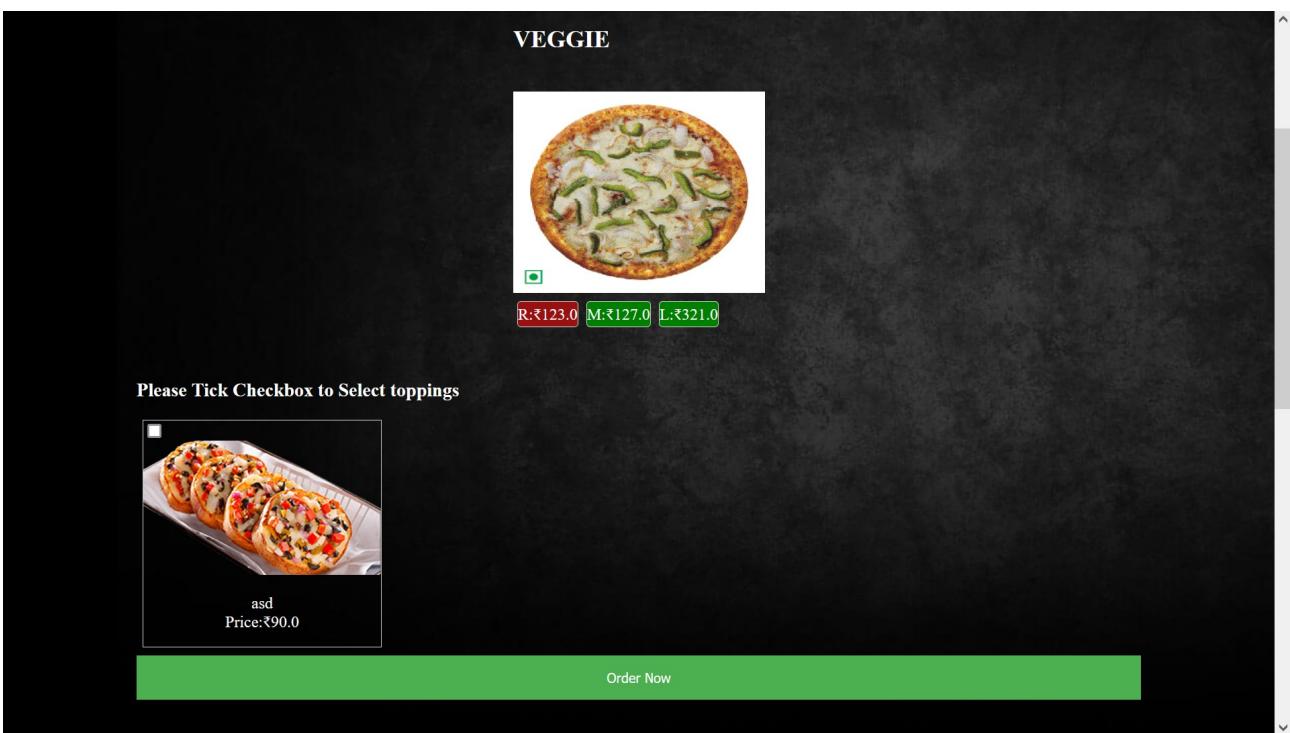
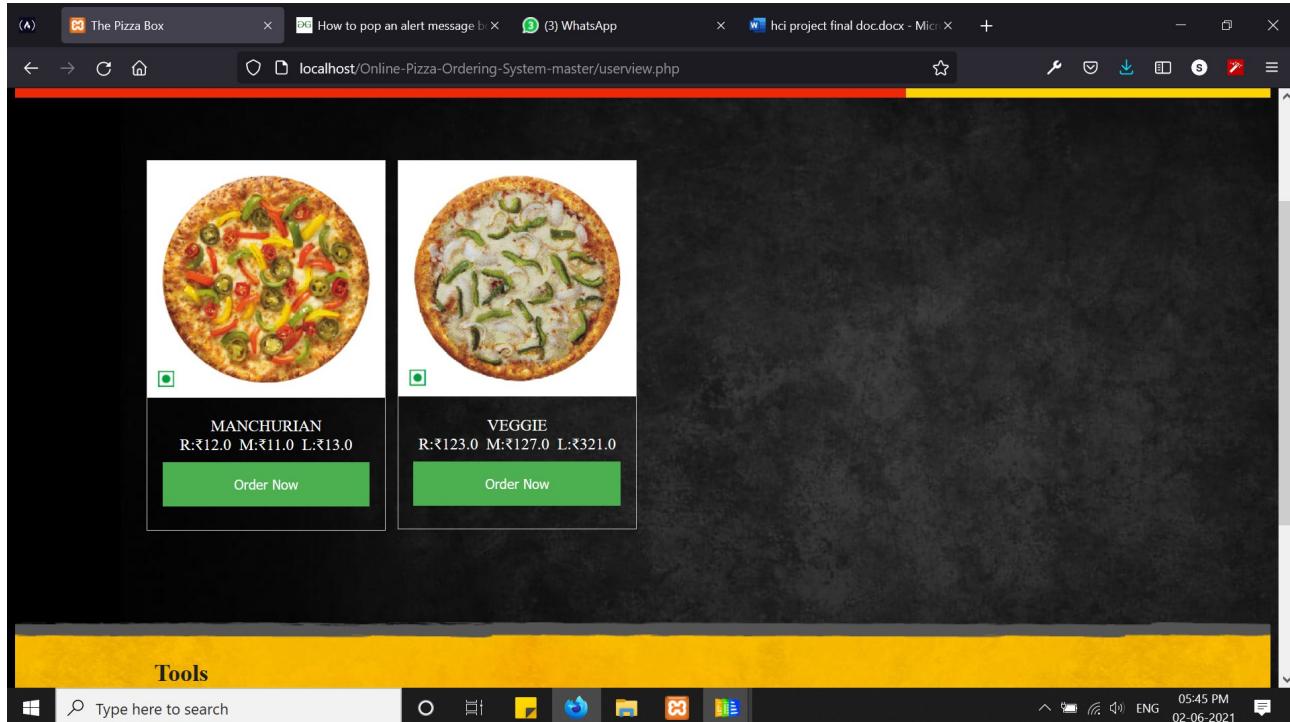
8) ERROR PREVENTION: Our website has good error messages. So, whenever an error occurs, the site displays the error message displaying as to where the user went wrong.

9) HELP USERS RECOGANISE, DIAGNOSE, AND RECOVER FROM ERRORS: If the user accidentally orders the wrong pizza or toppings then he/she can get to the home page and order again.

10) HELP AND DOCUMENTATION: Our system does not need and further explanation it is quite user friendly and can be used by anyone easily.

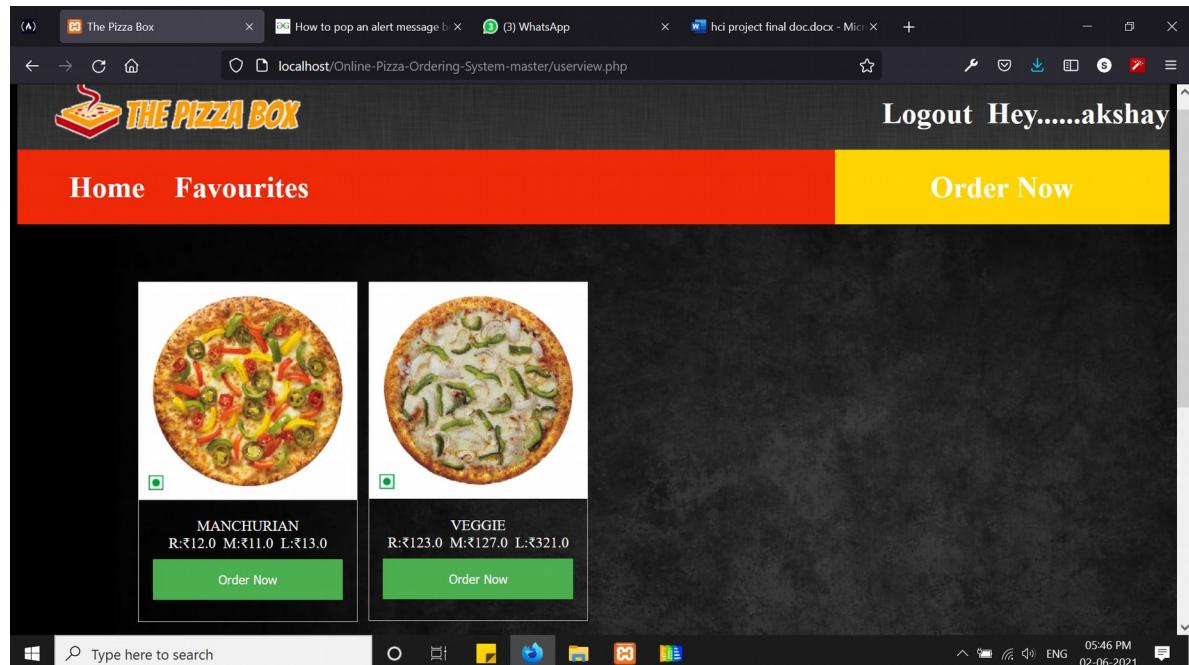
SCHNEIDEMAN'S GOLDEN RULES

1. Strive for consistency:

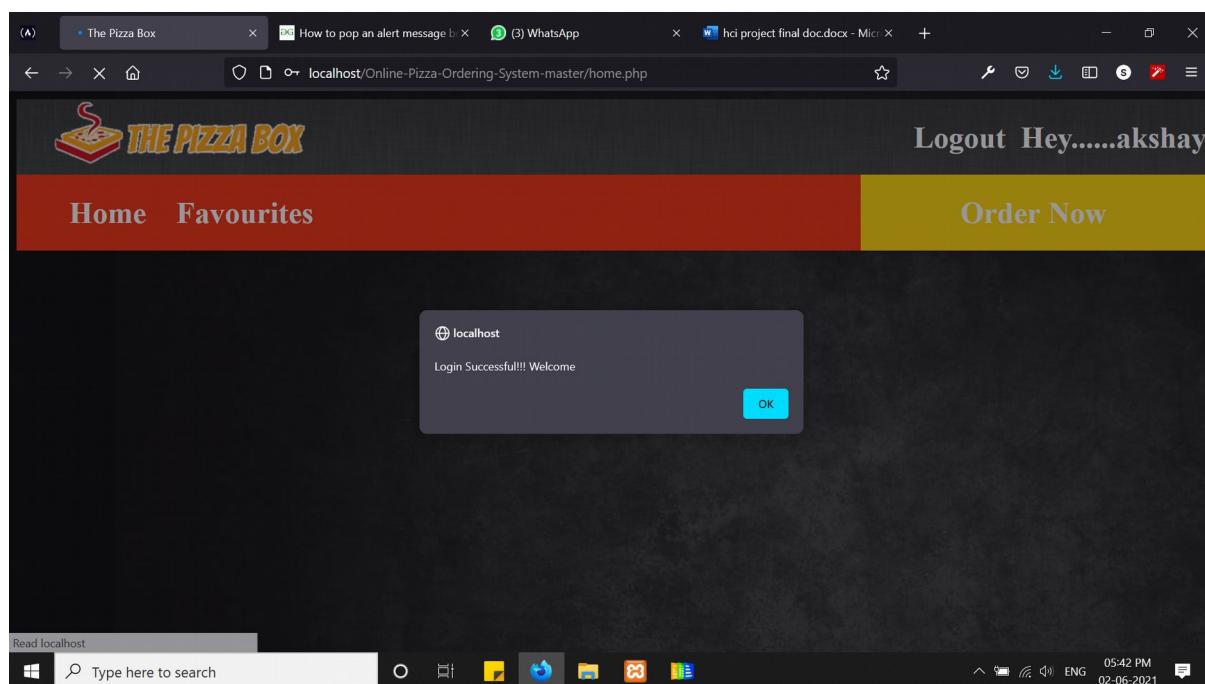


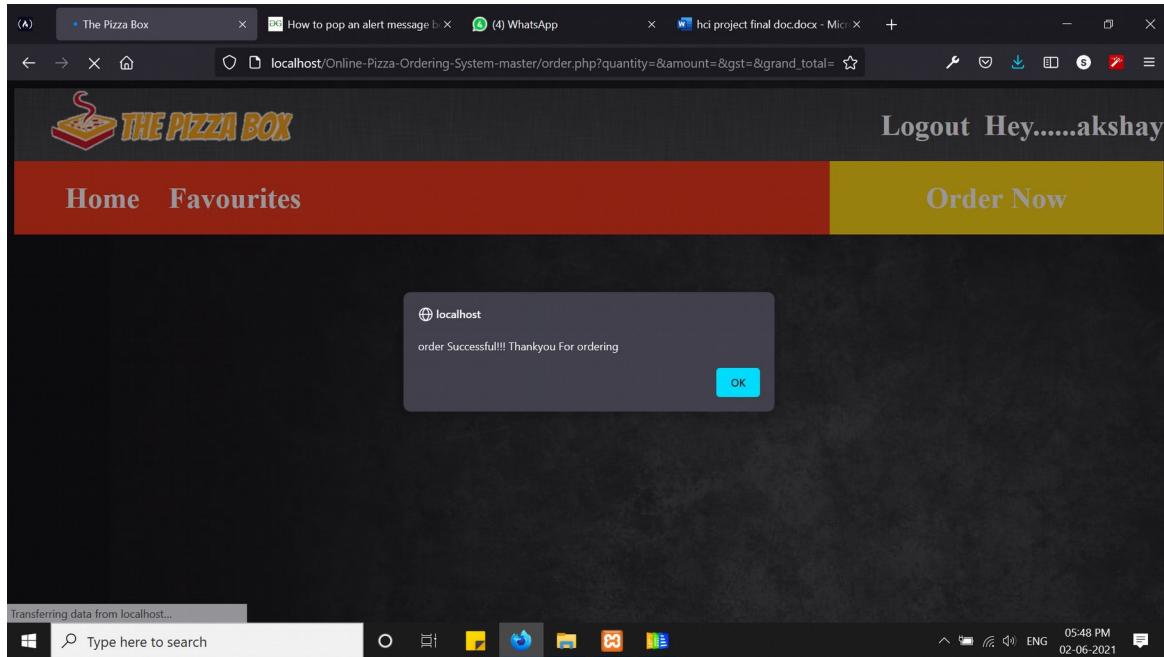
2. Enable frequent users to use shortcuts:

We have planned to store the favourite pizza of the user in our database so that the next time the user wants to order a pizza, their favourite pizza will show up in the front, and they can order the pizza with ease and it will be a great move from marketing point of view too, as the user will not be able to say no to their favourite variety of pizza.



3. Offer informative feedback:





4. Design dialogs to yield closure:

The user doesn't have to do any guessing. He is informed about the completion of the entire process and is also informed about the completion of several subtasks.

5. Offer simple error handling:

The error gets corrected from the designer's side itself and that we don't bother the user with it. But, if there is a situation where the user wrongly chooses the crust of the pizza or the toppings, then they can correct it by simple clicking on a minus sign and removing it from the cart.

6. Permit easy reversal of actions How many steps does the user have to take to reverse their actions?

The website offers the user to reverse his or her actions at any point of time. For example, if the user has added a pizza by mistake, the website will give him/her the option to delete so the pizza. The website also shows a prompt message after the pizza has been deleted.

The website aims at making the reversal of actions easy at every point. The user can also modify his or her choice of crust, sauce and topping anytime.

The Pizza Box How to pop an alert message b (3) WhatsApp hci project final doc.docx - Micro

localhost/Online-Pizza-Ordering-System-master/bill.php?pizza_price=reg_price&topping[]asd&pizza

YOUR ORDER BILL

No	Pizza	Rate	Topping	Rate	Qty	Price
1	veggie	123	asd	90	<input type="text" value="1"/>	213 .

Add more

Net Price: 213

GST: 38.33999999999996

Grand Total: 251.34

ORDER RESET

Type here to search

Windows Start button, Taskbar icons (File Explorer, Edge, Mail, etc.), Date/Time (05:44 PM, 02-06-2021)

The Pizza Box How to pop an alert message b (4) WhatsApp hci project final doc.docx - Micro

localhost/Online-Pizza-Ordering-System-master/bill.php?pizza_price=lrg_price&topping[]asd&pizza



THE PIZZA BOX

Logout Hey.....akshay

Reset and order again



THE PIZZA BOX

YOUR ORDER BILL

No	Pizza	Rate	Topping	Rate	Qty	Price
1	veggie	321	asd	90	<input type="text" value="Enter Quantity"/>	411 .

Add more

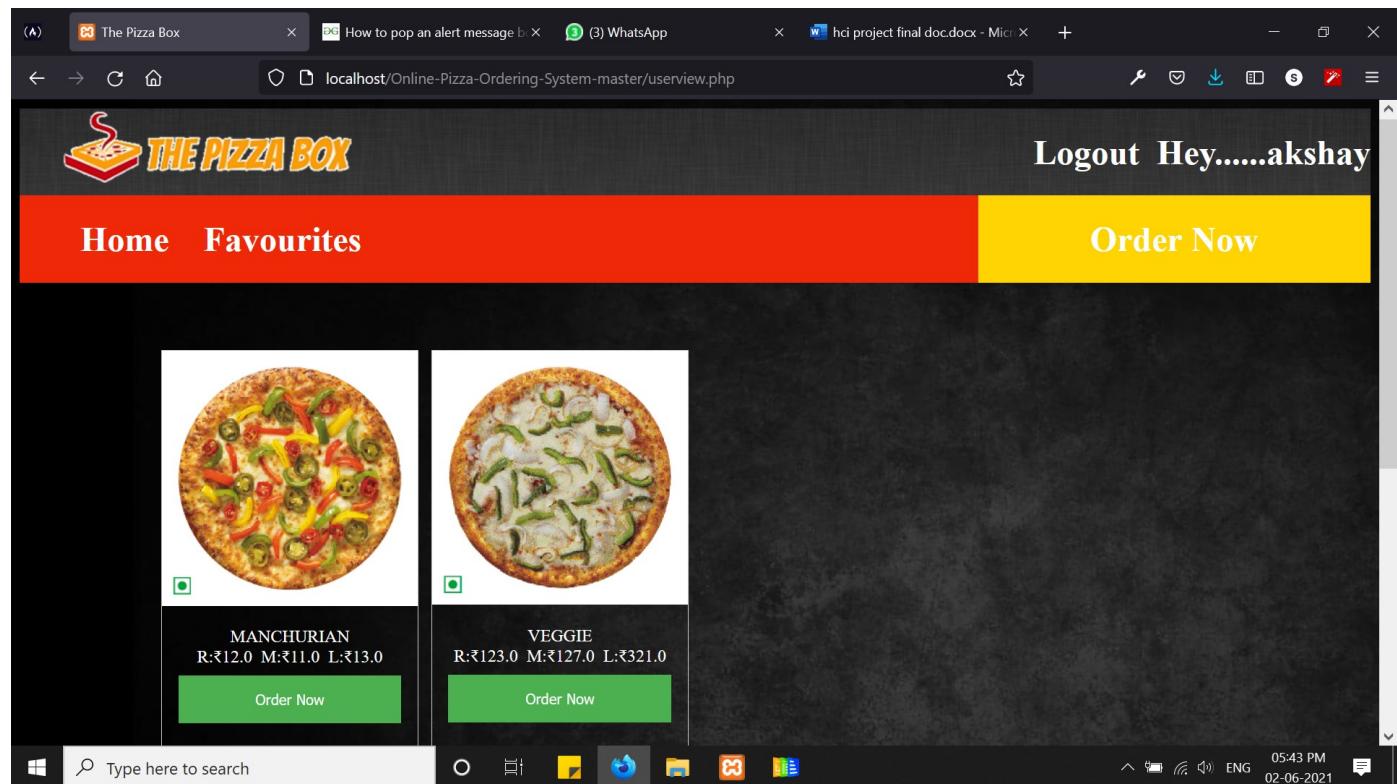
Net Price:

Type here to search

Windows Start button, Taskbar icons (File Explorer, Edge, Mail, etc.), Date/Time (05:48 PM, 02-06-2021)

7. Support internal locus of control

We have made sure that the site makes the user feel that they have full control of the interface. The user can traverse through to the bottom to the top just within a click. As we can see here, the user has reached the end of the site, but he can traverse back to the top by clicking the pizza icon on the left corner of the site. This way the user can still modify the crust he wants, the toppings he want to choose, the sauce he prefers anytime. The user feels in full control as he can change and modify his preferences anytime and anywhere in the website.



After clicking the below icon, the user comes back to the top of the page :

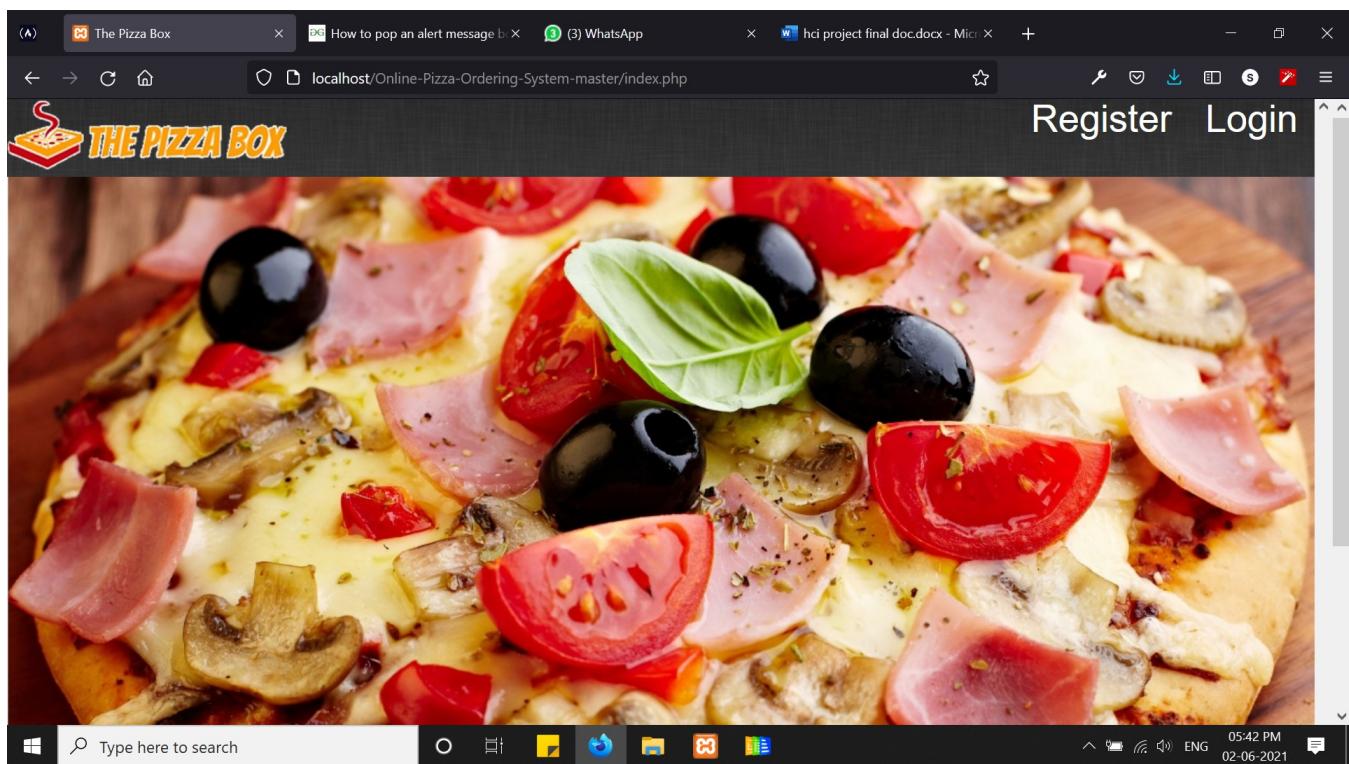


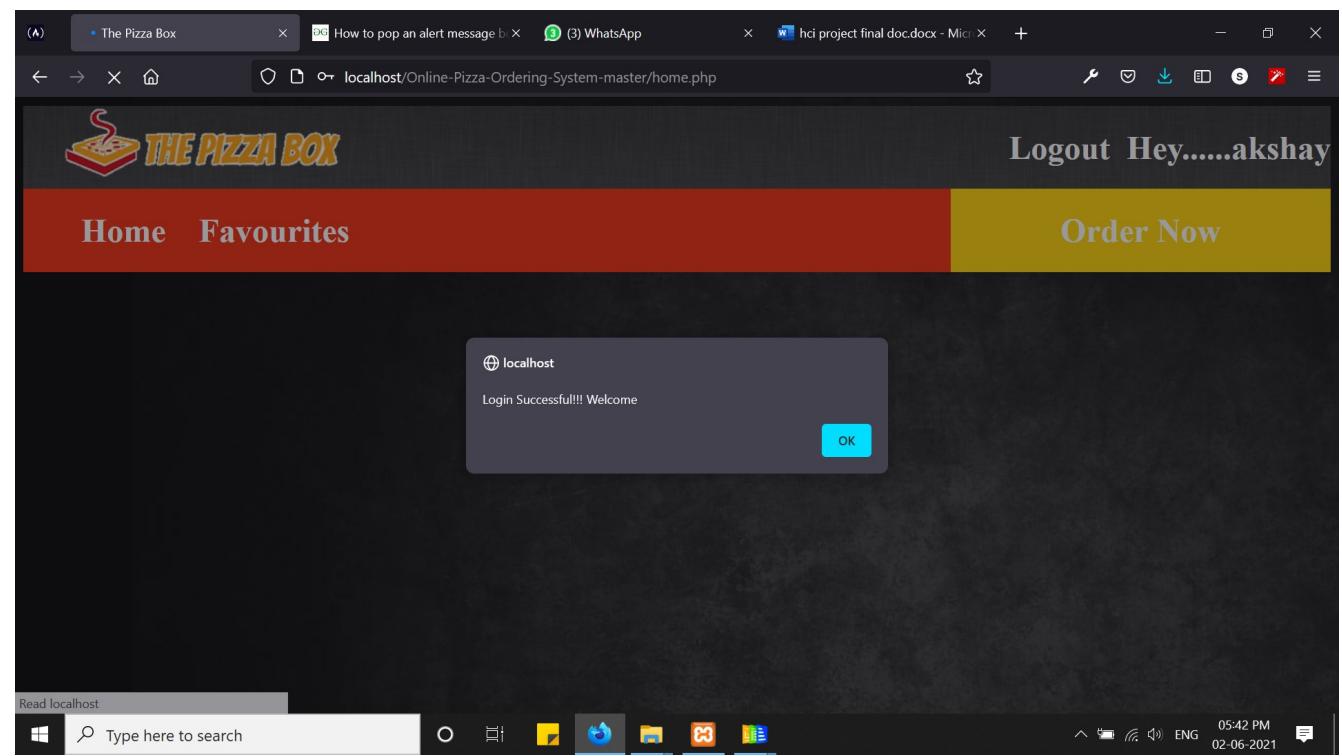
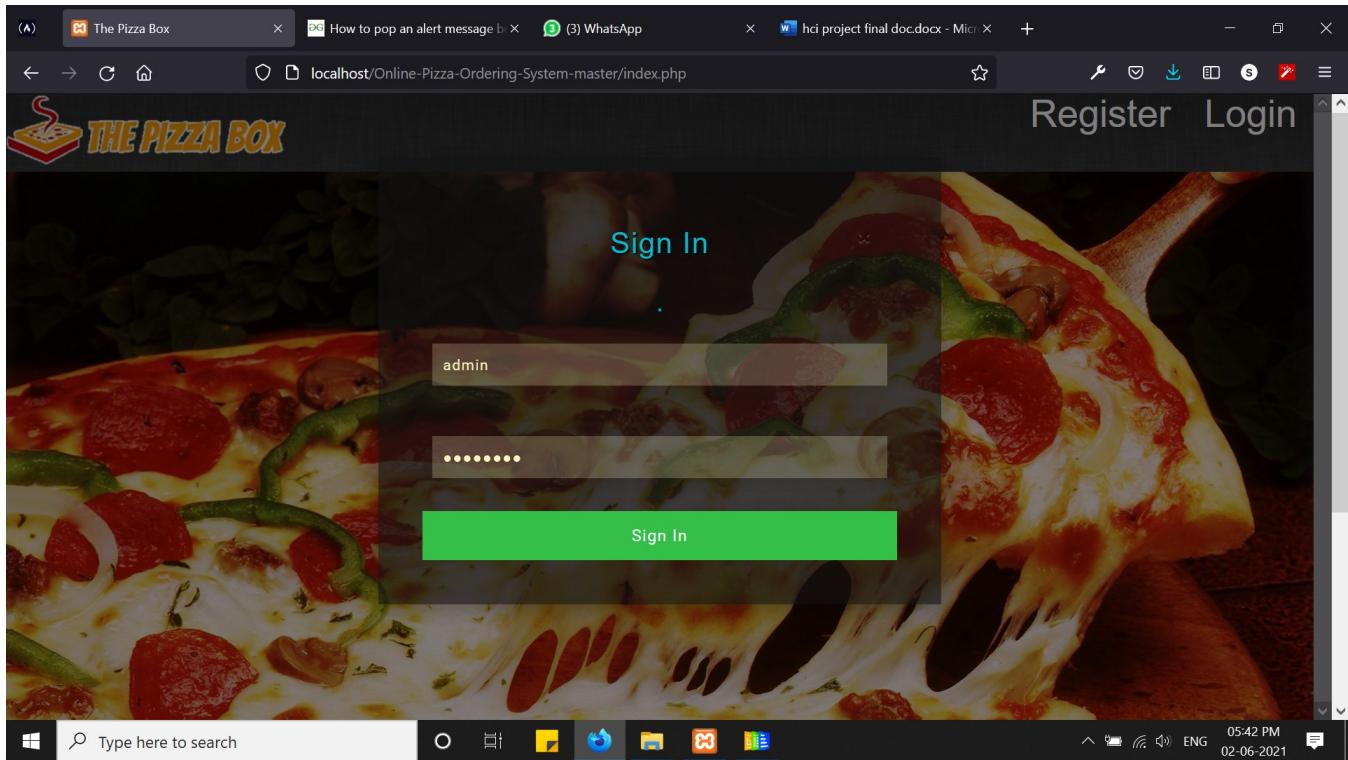
8. Reduce short-term memory load

The website focuses on including visual cues at every point as they help the visitors interact with the website and improves page performance. Each and every topping, crust and sauce is explained and mentioned everywhere while selecting, deleting or modifying. This way the user doesn't have to remember the toppings, sauce and crust and will not have to revisit the earlier pages to refer. This reduces the cognitive pressure off the user's mind and makes the website more user-friendly.

IMPLEMENTATION

Design Screenshot





The Pizza Box

localhost/Online-Pizza-Ordering-System-master/home.php

Logout Hey.....akshay

Home Favourites Order Now



Tools

Type here to search

05:43 PM 02-06-2021

The Pizza Box

localhost/Online-Pizza-Ordering-System-master/userview.php

Logout Hey.....akshay

Home Favourites Order Now



MANCHURIAN
R:₹12.0 M:₹11.0 L:₹13.0

VEGGIE
R:₹123.0 M:₹127.0 L:₹321.0

Order Now

Order Now

Type here to search

05:43 PM 02-06-2021

The Pizza Box How to pop an alert message b (3) WhatsApp hci project final doc.docx - Micr

localhost/Online-Pizza-Ordering-System-master/topping.php?selected_pizza=veggie

VEGGIE



R:₹123.0 M:₹127.0 L:₹321.0

Please Tick Checkbox to Select toppings



asd
Price:₹90.0

Windows Type here to search 05:43 PM 02-06-2021

The Pizza Box How to pop an alert message b (3) WhatsApp hci project final doc.docx - Micr

localhost/Online-Pizza-Ordering-System-master/bill.php?pizza_price=reg_price&topping[]="asd&pizza"

YOUR ORDER BILL

No	Pizza	Rate	Topping	Rate	Qty	Price
1	veggie	123	asd	90	1	213 .

Add more

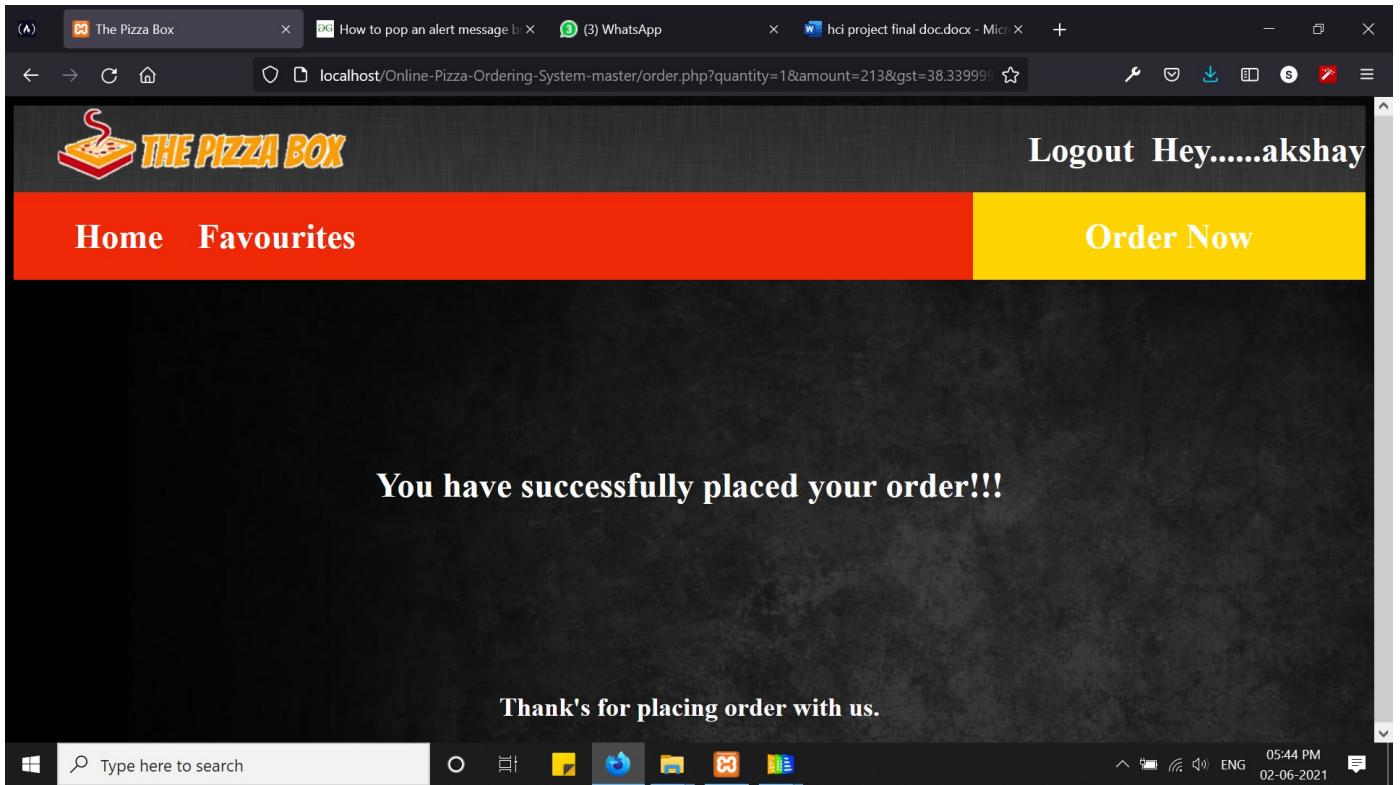
Net Price: 213

GST: 38.339999999999996

Grand Total: 251.34

ORDER RESET

Windows Type here to search 05:44 PM 02-06-2021



Code:

Index.php

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
    <meta charset="utf-8">
    <link rel="stylesheet" href="css/main.css">
    <script type="text/javascript" src="js/index.js"></script>
    <title>HCI Project</title>
</head>
<body>
    <?php include("header.php"); ?>
    <div id="bodyDiv">
        <div class="imgDiv" id="crustImgDiv">
            <div class="headingDiv">
                <h2>Choose Your Crust(Choose One)</h2>
            </div>
        </div>
        <div class="sectionDiv lightSection" id="custSectionDiv">
            <div class="cardDiv lightCard" id='crust1'>
                <div class="cardImg" style="background:url('imgs/pan crust.jpg'); background-size:cover;">
                    </div>
                <div class="cardDesc">
                    <h2>Classic Pan</h2>
                    <p>Enjoy the traditional American pan crust pizza with excessive cheese that melts in one's mouth.</p>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

```
</div>
<div class="cardCost">
  <h1>฿ 80</h1>
</div>
</div>
<div class="cardDiv lightCard" id='crust2' >
  <div class="cardImg" style="background:url('imgs/thin crust.jpg'); background-size:cover;">
    </div>
  <div class="cardDesc">
    <h2>Thin Crust</h2>
    <p>The original crunch with a subtle tenderness that's impossible to resist served with Parmesan.</p>
  </div>
  <div class="cardCost">
    <h1>฿ 100</h1>
  </div>
</div>
<div class="cardDiv lightCard" id='crust3' onclick="crust3fun()">
  <div class="cardImg" style="background:url('imgs/cheezza.jpg'); background-size:cover;">
    </div>
  <div class="cardDesc">
    <h2>It's Cheezza</h2>
    <p>A Peatza special crust filled entirely with molten spicy cheese that is meant explode in one's mouth.</p>
  </div>
  <div class="cardCost">
    <h1>฿ 120</h1>
  </div>
</div>
<div class="cardDiv lightCard" id='crust4' >
  <div class="cardImg" style="background:url('imgs/whole wheat.jpg'); background-size:cover;">
    </div>
  <div class="cardDesc">
    <h2>Whole Wheat</h2>
    <p>For the healthy ones, relive the scrumptious taste of Peatza without worrying about health anymore.</p>
  </div>
  <div class="cardCost">
    <h1>฿ 100</h1>
  </div>
</div>
<div class="imgDiv" id="sauceImgDiv">
  <div class="headingDiv">
    <h2>Choose Your Sauce (Choose One)</h2>
  </div>
</div>
<div class="sectionDiv darkSection" id="sauceSectionDiv">
  <div class="cardDiv darkCard" id='sauce1' onclick="sauce1fun()">
    <div class="cardImg" style="background:url('imgs/tomato sauce.jpg'); background-size:cover;">
      </div>
    <div class="cardDesc">
      <h2>Tomato Sauce</h2>
```

<p>The original taste of pizza. Made using freshly picked tomatoes and a mix of 13 secret herbs and spices.</p>

</div>

<div class="cardCost">

<h1>฿ 30</h1>

</div>

</div>

<div class="cardDiv darkCard" id='sauce2'>

<div class="cardImg" style="background:url('imgs/hummus.jpg'); background-size:cover;">

</div>

<div class="cardDesc">

<h2>Hummus</h2>

<p>In this amazing mix of the Europe and the Arab, one is sure to wander off to the distant lands.</p>

</div>

<div class="cardCost">

<h1>฿ 45</h1>

</div>

</div>

<div class="cardDiv darkCard" id='sauce3'>

<div class="cardImg" style="background:url('imgs/garlic ranch.jpg'); background-size:cover;">

</div>

<div class="cardDesc" >

<h2>Garlic Ranch Sauce</h2>

<p>A Peatza special, a white sauce made using garlics as the primary ingredient.</p>

</div>

<div class="cardCost">

<h1>฿ 40</h1>

</div>

</div>

<div class="cardDiv darkCard" id='sauce4'>

<div class="cardImg" style="background:url('imgs/mustard.jpg'); background-size:cover;">

</div>

<div class="cardDesc">

<h2>Mustard Maniac</h2>

<p>For the spice lovers, this hot sauce will take one on a roller coaster experience of spices and flavours.</p>

</div>

<div class="cardCost">

<h1>฿ 40</h1>

</div>

</div>

</div>

<div class="imgDiv" id="toppingsImgDiv">

<div class="headingDiv">

<h2>Choose Your Toppings (Choose one or many)</h2>

</div>

</div>

<div class="sectionDiv lightSection" id="toppingsSectionDiv">

<div class="cardDiv lightCard" id='top1' onclick="top1fun()">

<div class="cardImg" style="background:url('imgs/capsicum.jpg'); background-size:cover;">

</div>

```
<div class="cardDesc">
<h2>Capsicum</h2>
<p>Freshly picked juicy and crispy capsicum which is sometimes also used as a spice.</p>
</div>
<div class="cardCost">
<h1>₹ 40</h1>
</div>
</div>
<div class="cardDiv lightCard" id='top2' onclick="top2fun()">
<div class="cardImg" style="background:url('imgs/onion.jpg'); background-size:cover;">
</div>
<div class="cardDesc">
<h2>Onion</h2>
<p>Crispy onion rings meant to enhance the taste of anything that they're put into.</p>
</div>
<div class="cardCost">
<h1>₹ 40</h1>
</div>
</div>
<div class="cardDiv lightCard" id='top3' onclick="top3fun()">
<div class="cardImg" style="background:url('imgs/mush.jpg'); background-size:cover;">
</div>
<div class="cardDesc">
<h2>Grilled Mushroom</h2>
<p>Hand picked juicy mushroom first boiled and then sautéed in olive oil to make the perfect pizza topping.</p>
</div>
<div class="cardCost">
<h1>₹ 40</h1>
</div>
</div>
<div class="cardDiv lightCard" id='top4' onclick="top4fun()">
<div class="cardImg" style="background:url('imgs/paneer.jpg'); background-size:cover;">
</div>
<div class="cardDesc">
<h2>Paneer</h2>
<p>A milk solid tender on the inside and crispy outside. Add this to relish the fresh taste of cottage cheese.</p>
</div>
<div class="cardCost">
<h1>₹ 45</h1>
</div>
</div>
<div class="cardDiv lightCard" id='top5' onclick="top5fun()">
<div class="cardImg" style="background:url('imgs/diced chicken.jpg'); background-size:cover;">
</div>
<div class="cardDesc">
<h2>Diced Chicken</h2>
<p>Freshly diced chicken is boiled in chicken stock to make a mouth watering topping.</p>
</div>
```

```

<div class="cardCost">
    <h1>₹ 40</h1>
</div>
</div>
<div class="cardDiv lightCard" id='top6' onclick="top6fun()">
    <div class="cardImg" style="background:url('imgs/sausage.jpg'); background-size:cover;">
        </div>
    <div class="cardDesc">
        <h2>Chicken Sausage</h2>
        <p>A delicious favourite among almost all meat lovers. Add this to enjoy a smoked flavor.</p>
    </div>
    <div class="cardCost">
        <h1>₹ 45</h1>
    </div>
</div>
<div class="cardDiv lightCard" id='top7' onclick="top7fun()">
    <div class="cardImg" style="background:url('imgs/salami.jpg'); background-size:cover;">
        </div>
    <div class="cardDesc">
        <h2>Chicken Salami</h2>
        <p>Rund slices of processed chicken with a marble appearance meant to dissolve and then explode in one's mouth.</p>
    </div>
    <div class="cardCost">
        <h1>₹ 40</h1>
    </div>
</div>
<div class="cardDiv lightCard" id='top8' onclick="top8fun()">
    <div class="cardImg" style="background:url('imgs/pepperoni.webp'); background-size:cover;">
        </div>
    <div class="cardDesc">
        <h2>Chicken Pepperoni</h2>
        <p>A special kind of salami meant for the spice-loving tongues. Pepperoni is a blend of pork, beef, and spices.</p>
    </div>
    <div class="cardCost">
        <h1>₹ 45</h1>
    </div>
</div>
</div><center>
    <h2>Your Order is :</h2>
    <h3>Cheezza Crust with Tomato Sauce with toppings onion, capsicum, paneer and chicken pepperoni.</h3></center>
    <div id="buttonDiv">
        <button type="button" onclick="clearp()">Clear All Selection</button>
        <button type="button" style="margin-left:50px;" onclick="order()">Proceed to order</button>
    </div>
    <?php include("footer.php"); ?>
</body>
</html>

```

UNIT TESTING

<u>Test</u>	<u>Description</u>	<u>Action/Input</u>	<u>Expected result</u>	<u>Actual result/problem tracking</u>
1	Check new user is added	Adding new user using the register button	New user added and able to login	Successfully added, no problem
2	Check for user login	Login in using the login button	Login successful dialog box opened	Successfully able to login, no problem
3	Check for login using admin account	Login using the same login button but using admin id and password	Login successful and able to see dashboard	Successfully able to login, no problem
4	Check for logout of the system by admin	Logout using the logout button on the top left corner of the website	Logged out and back to the homepage	Successfully able to login, no problem
5	Check for logout of the system by the user	Logout using the logout button on the top left corner of the website	Logged out and back to the homepage	Successfully able to login, no problem
6	Check for adding pizza to basket	Select a pizza to add to order list	Pizza added to order list updated	Successfully able to add pizza to the bucket
7	Check for adding topping to the pizza	Select topping to add to the pizza	Topping added update prompted	Successfully able to add topping to the pizza
8	Check for adding multiple pizza in the basket	Select two or more pizza to add to the basket	Second pizza added to the basket	Only one pizza added Unsuccessful attempt
9	Check for checkout page	Select for checkout of basket	Basket checkout prompted with amount to be paid	Successfully prompted to the payment initiation process
10	Check for removing a pizza from the basket	Select a pizza to be removed from the basket	Basket should not contain that pizza after the removal	Successfully removed the desired pizza
11	Check for successfully payment	Click on the pay button, portal should open	Payment successful dialog box will open	Payment success dialog box appeared, no problem
12	Check for adding more pizza to the menu by admin	Clicking on the add pizza and filling out details for the pizza	After save button pizza must be visible in the menu	Successfully added, no problem
13	Check for adding more topping to the menu by admin	Clicking on the add topping and filling out details for the topping	After save button toppings must be visible in the menu	Successfully added, no problem

14	Check for wrong username	Entering wrong username in the login	Wrong username entered must appear	Failed, the website returned to the homepage
15	Check for the compatibility of the website	Run the website on various browsers	The website should be consistent on different platforms	The website successfully maintains uniformity on various browsers
16	Check for similar fonts and colors	Consistency should be maintained	Fonts and colors are quite familiar and consistent	Successfully meets the requirement with the real world
17	Check for response time	Website performs actions within a few seconds	5-10 sec are required for all the actions	Successful attempt
18	Check for proper functioning of the website	Run the website for 5 minutes and check functionalities	The website properly runs with proper functionalities	The website is successful in function
19	Check for adding order as favorite order	Click the favorite button to select a pizza as their favorite	Added as favorite dialog box appears	Unsuccessful attempt
20	Check for navigating back and forth on the web page	Click buttons to navigate through the webpages	User can successfully navigate back and forth.	Successful in navigation.
21	Check for performing scroll	Scroll smoothly through the website.	The user can scroll smoothly.	Successful in smooth scrolling.
22	Check for user confusion	The user smoothly accesses the site	The user can navigate freely.	Successfully able to navigate without any confusion.
23	Check for removing pizza from basket	Click on the reset and order to remove the pizza	Pizza gets deleted from the basket.	Successfully able to delete pizza
24	Reordering pizza	Press Home button	Reorder pizza as previous	Successfully able to reorder pizza.
25	Delete Toppings in menu by admin	Select delete toppings mark	Topping deleted from the list and database	Toppings deleted successfully

USABILITY TESTING

The usability evaluation of the **Online Pizza Delivery System** was conducted by **Group Number: 8** in **Microsoft Teams** on **01.06.2021**. During the usability evaluation, **four** participants, matching the user profile, were asked to spend one hour with the site. During this hour, participants:

- Completed a user background questionnaire
- Answered questions about initial site impressions
- Performed real-world tasks on the site while thinking aloud
- Answered questions about their overall satisfaction

Participants, having the following profile characteristics, evaluated **Online Pizza Delivery System**

Team number: 7

➤ **Audience Type**

Participant	Participant Name
1	Abhay Mishra
2	Abhishek Singh Rajput
3	Divya Sharma
4	Shreeyukta Chapagain
Total Participants – 4	

➤ **Age:**

Category	Number of Participants
18-25	4
26-39	0
40-59	0
60-74	0

➤ **Gender:**

Gender	Number of Participants
Women	2
Men	2

Following is a summary of the participants' computing environment:

Computer platforms:	Microsoft Windows
Software used:	Google Chrome
Screen resolution:	1600 x 1200 pixels
Operating system:	Windows 10
Connection speed:	1 MBPS

The following tasks were identified from user data collection efforts and assistance from the

Team Number: 7

#	Task
1	Verify if the user is able to run web page.
2	Verify if the user is able to login as admin.
3	Verify if the user is able to login as user.
4	Verify if the user is able to add pizza.
5	Verify if the user is able to add topping.
6	Verify if the user is able to navigate back and forth on the web page
7	Verify if the user is able to perform scroll.
8	Verify if the user is able to perform add or drop.
9	Verify if the user is able to place order
10	Verify if the user is able to change the order
11	Verify if the user is able to add order as their favorite order
12	Verify if the user is able to order more than one pizza
13	Verify if the user is able to add toppings
14	Verify if the user is not confused with the website
15	Verify whether user is able to remove pizza from the basket
16	Verify if the design of the website was good
17	Verify if the user liked the overall experience of the website

#	Participant 1 (18BCE2530 , ABHAY MISHRA)	Passed or failed	Time taken (s)	Responsivity/ accuracy is good / bad / ok
1	Verify if the user is able to run web page	Pass	5	Ok
2	Verify if the user is able to login as admin	Pass	10	Ok
3	Verify if the user is able to login as user	Pass	10	Good
4	Verify if the user is able to add pizza	Pass	5	Good
5	Verify if the user is able to add topping	Pass	5	Good
6	Verify if the user is able to navigate back and forth on the web page	Fail		Good
7	Verify if the user is able to perform scroll	Pass	1	Good
8	Verify if the user is able to perform add or drop	Fail		Bad
9	Verify if the user is able to place order	Pass	15	Ok
10	Verify if the user is able to change order	Fail		Bad
11	Verify if the user is able to add order as their favorite order	Pass	10	Good
12	Verify if the user is able to order more than one pizza	Pass	25	Good
13	Verify if the user is able to add topping	Pass	10	Good
14	Verify if the user is not confused with the website	Pass	10	Good
15	Verify whether user is able to remove pizza from the basket			Bad
16	Verify if the design of the website was good	Pass	5	Ok
17	Verify if the user liked the overall experience of the website	Pass	5	Good

#	Participant 2 (19BCB0041 , ABHISHEK SINGH RAJPUT)	Passed or failed	Time taken (s)	Responsivity/accuracy is good / bad / ok
1	Verify if the user is able to run web page	Pass	5	Ok
2	Verify if the user is able to login as admin	Pass	10	Ok
3	Verify if the user is able to login as user	Pass	10	Good
4	Verify if the user is able to add pizza	Pass	5	Good
5	Verify if the user is able to add topping	Pass	5	Good
6	Verify if the user is able to navigate back and forth on the web page	Fail		Good
7	Verify if the user is able to perform scroll	Pass	1	Good
8	Verify if the user is able to perform add or drop	Fail		Bad
9	Verify if the user is able to place order	Pass	15	Ok
10	Verify if the user is able to change order	Fail		Bad
11	Verify if the user is able to add order as their favorite order	Pass	10	Good
12	Verify if the user is able to order more than one pizza	Pass	25	Good
13	Verify if the user is able to add topping	Pass	10	Good
14	Verify if the user is not confused with the website	Pass	10	Good
15	Verify whether user is able to remove pizza from the basket			Bad
16	Verify if the design of the website was good	Pass	5	Ok
17	Verify if the user liked the overall experience of the website	Pass	5	Good
#	Participant 3 (19BCE2587 , DIVYA SHARMA)	Passed or failed	Time taken (s)	Responsivity/accuracy is good / bad / ok
1	Verify if the user is able to run web page	Pass	5	Ok
2	Verify if the user is able to login as admin	Pass	10	Ok

3	Verify if the user is able to login as user	Pass	10	Good
4	Verify if the user is able to add pizza	Pass	5	Good
5	Verify if the user is able to add topping	Pass	5	Good
6	Verify if the user is able to navigate back and forth on the web page	Fail		Good
7	Verify if the user is able to perform scroll	Pass	1	Good
8	Verify if the user is able to perform add or drop	Fail		Bad
9	Verify if the user is able to place order	Pass	15	Ok
10	Verify if the user is able to change order	Fail		Bad
11	Verify if the user is able to add order as their favorite order	Pass	10	Good
12	Verify if the user is able to order more than one pizza	Pass	25	Good
13	Verify if the user is able to add topping	Pass	10	Good
14	Verify if the user is not confused with the website	Pass	10	Good
15	Verify whether user is able to remove pizza from the basket			Bad
16	Verify if the design of the website was good	Pass	5	Ok
17	Verify if the user liked the overall experience of the website	Pass	5	Good
#	Participant 4 (19BCE2590 , SHREEYUKTA CHAPAGAIN)	Passed or failed	Time taken (s)	Responsivity/accuracy is good / bad / ok
1	Verify if the user is able to run web page	Pass	5	Ok
2	Verify if the user is able to login as admin	Pass	10	Ok
3	Verify if the user is able to login as user	Pass	10	Good
4	Verify if the user is able to add pizza	Pass	5	Good
5	Verify if the user is able to add topping	Pass	5	Good
6	Verify if the user is able to navigate back and forth	Fail		Good

	on the web page			
7	Verify if the user is able to perform scroll	Pass	1	Good
8	Verify if the user is able to perform add or drop	Fail		Bad
9	Verify if the user is able to place order	Pass	15	Ok
10	Verify if the user is able to change order	Fail		Bad
11	Verify if the user is able to add order as their favorite order	Pass	10	Good
12	Verify if the user is able to order more than one pizza	Pass	25	Good
13	Verify if the user is able to add topping	Pass	10	Good
14	Verify if the user is not confused with the website	Pass	10	Good
15	Verify whether user is able to remove pizza from the basket			Bad
16	Verify if the design of the website was good	Pass	5	Ok
17	Verify if the user liked the overall experience of the website	Pass	5	Good

➤ **Exit Questions/User Impressions**

At the end of each session, we asked participants these questions:

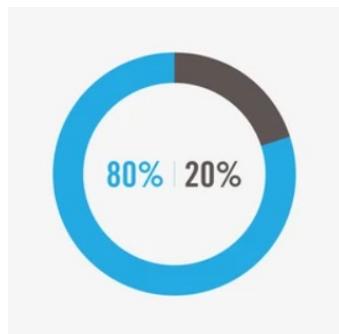
- What is your overall impression of the project?
- What is your impression of the accuracy?
- Do you feel this site is current? Why?
- What did you like best about the project?
- What did you like least about the project?
- If you were the developer, what would be the first thing you would do to improve the project?
- Is there anything that you feel is missing on this project? (Probe: features/functions)
- If you were to describe this project to a colleague in a sentence or two, what would you say?
- Do you have any other final comments or questions?

Questions	Participant 1: Abhay Mishra	Participant 2: Abhishek Singh Rajput	Participant 3: Divya Sharma	Participant 4: Shreyas Chappagai

What is your overall impression of the project?	Good	Best	Average	Good
What is your impression of the accuracy?	Average	Good	Best	Average
Do you feel this site is current? Why?	Yes, it is storing the answers in real time.	Yes, because it takes real time inputs.	Yes, it takes the input and updates it immediately.	Yes, the website as a whole updates immediately.
What did you like best about the project?	Home Page	Order Summary	Home Page	Favorite Order
What did you like least about the project?	Login page	Feedback	Nothing	Some interface
If you were the developer, what would be the first thing you would do to improve the project?	Frontend in some areas	As a whole, it is good.	Some features	Interface
Is there anything that you feel is missing on this project? (Probe: features/functions)	Dominos like features	Nothing	Online feasibility	Nothing
If you were to describe this project to a colleague in a sentence or two, what would you say?	Good interface and interactivity is good so you can use it.	It is working well with little bugs so you can prefer this site over the others.	User friendly website and you can use it easily	Good interface and working well with all the inputs.
Do you have any other final comments or questions?	Interface can be improved little bit.	Overall well maintained and good website.	Easy and user compatibility website.	Good website.

➤ **Metrics:**

Test Cases Planned	Test Cases Executed	Test Cases: Pass	Test Cases: Fail
20	19	16	3



Conclusion

The system is designed to deliver pizzas for the customers. The main statement of this project is to let customers order their pizzas of their own choice and place the order through the form given in the website. This website is created very interactively.

Since Pizza is one of the most favourite foods for children, we have designed a very colourful and interactive website which makes the children tend to order the pizza. The main aim was to draw the children's attention by creating a colourful website which when seen by children forces their parents to order it. This project was built for a particular importance. When we built this project, we had to keep in mind the customer requirements.

A website which fulfills the customer requirements will be successful. According to the surveys we conducted for this website among users, we found the response to be great and favorable, as many users have been impressed with its design, its responsive UI and easy service accessibility. We had to add many toppings and choices while building the system. Also, since children like pizza we had make them understand the importance of eating pizza and its health benefits.