|  |
| --- |
| WEB DESIGN  AND  DEVELOPMENT |

Contents

[**1.** **Requirements** 3](#_Toc57726614)3

[**2.** **Learnings from the Assignment** 4](#_Toc57726615)

[**3.** **Self Report** 6](#_Toc57726616)

[**4.** **Video Link:** 7](#_Toc57726617)

# **Requirements**

The current website can be made to the professional level and can be implemented in real with the achievements of following additions to the current website:

1. Admin section in this website. There must be an admin section which will monitor which order rather how many order are pending to be delivered, how many has been delivered so that collection can also be cross verified i.e. the cost collected till that time matches with the total of all customer’s paid amount. Also, the admin can substitute the charges of the pizza according to the festive season as per business requirements, admin can also add a new variety of pizza’s on their menu which will be updated to the main site where users are surfing for ordering the pizza. Admin can also deal with complaints or reviews received from customers onto the website for all the services and the organization can work upon the negative ones.
2. My cart page can be updated before going for paying like removing some item/pizza from the final items or else updating the quantity of purchase of that particular type accordingly. Also the final amount to be paid at the same time must be changed.
3. Support of Cross platform login and signup authentication must be available. Like login or signup from google, facebook, instagram, or any other social media platform. This feature is most liked by users because they don’t have to remember different usernames and passwords for different sites having different purpose accounts. This also helps in tracking the users performing malpractices on this website because they have used cross platform login through which they can be recognized or caught easily from that platform.
4. Ease of Sorting and filtering options can help the user a lot in the professional world. If users can search the product to be specific pizza here according to the price range, or want to sort the available pizza according to low to high prices can help the customers in ordering things efficiently and quickly. Filter options can also be given on the ingredients like show all the pizzas having these ingredients as the main ingredients.
5. For online payments multiple platforms must be supported because if stick to the specific one and many customers not having an account there, then that can lead to loss of customer attraction. If the process is short and simple people will come again and again.
6. Tracking of their order would be helpful for the customers to visualize where their order is currently in preparing mode, or on the way or has been delivered. In the zones where traffic is more and delivery can be delayed from the specified time this option can be boon.
7. Use of Cookies in the website can help in remembering the customer’s frequent choice on the server. So if the same customer who’s mostly buy veg pizza comes on the website again so by default only veg pizza on the top must be shown.

# **Learnings from the Assignment**

Throughout this course of making the project of pizza ordering website, I had learnt various web design and development techniques. While learning I went through various stages and in each stage my knowledge was increased .The learnings I achieved throughout this course and its implementation description is listed below:

1. **Analysis stage** : This was the starting point of my course work where I surfed various websites for the ideas for the UI for the facilities a pizza ordering website should provide and nearly found that first I have to think of elements to be displayed on the webpages, how should be its structure and looks like color combinations, font-styles etc.
2. **Client side Development stage:** Till this point I had finalized the things how the webpage should be and what will be the basic flow in short I had a clear idea of my prototype. Then the structuring of the webpages was done with the understanding of HTML and CSS. The basic structure i.e. skeleton was developed with HTML and later the effects of colors, font-styles, box-shadow, borders, proper placements of elements with the help of width, height, margin, padding etc. all was done with CSS . This CSS should be attached with HTML and that can be done in different ways like External CSS in my project the common style.css file contains css common to all files hence it was external because writing same css again and again would increase the load time of files and also the code length. Another way was internal css which was helpful in writing the css particularly for that file and written once. Third was inline css where with an html tag the css properties were written I had implemented it on the homepage where specifically for that page and on some h2 tags I have to give styles. The login and signup pages for grammatical and syntax errors were incorporated with javascript files which helped in doing verification of errors without reloading the webpage. At the cart page also, the amount to be paid is changing depending on change of quantity of particular pizza item with the help of javascript only.
3. **Server side Development stage:** The submission validations of login and signup was done at the server and in this project done with PHP. It was clubbed with the database and for accessing the database programmatically MySQLi database with phpmyadmin is used. In my website, login details were verified from the database and simultaneously when new entries came they were inserted in the database table. The details of order from mycart were updated on the server in the database on final submission by confirming the order.

After through all these stages the website i.e the integrated web pages were ready for hosting .

# **Self Report**

|  |  |  |
| --- | --- | --- |
| Course Achievement Grid | Exists:  yes or no | Give detailed information in this column. |
| Please give the full URL(web address) of the homepage on the server |  |  |
| There must be at least 3 pages (list file names) | Yes | Index.php  About.php  Contact.php  Login.php  Signup.php |
| I can register a new account (on which page?) | Yes | Signup.php |
| There is a way of logging in  (on which page?) | Yes | Login.php |
| Logging in is only successful for the right password(true or false) | True |  |
| There is a feedback telling me whether I am or am not logged in. (what Feedback?) | Yes | A logout button would be displayed in the menu bar if the user is logged in |
| There are pages you can reach only if logged in.(which pages?) | Yes | Mycart.php |
| Can your application create a table row in the database(How can I check?) | Yes | We can add new products inside the admin pannel in the database. |
| Can your application read from a database entry(How can I check?) | Yes | All the orders, pizza menu are dynamically read from the database and we can read that from the screen. |
| Can your application update a database entry(How can I check?) | Yes | The updates can be done from admin panel. |
| Can your application delete a database entry(How can I check?) | Yes | The deletion can be done from the admin panel. |

# **Video Link:**

Below is the video link to demonstrate the website.

https://drive.google.com/file/d/1Zt9YwUlDewWUHdaBgi9o19umwZTpC1JE/view?usp=sharing