

# Food Ordering Website for AIET

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**Abstract:** *The purpose of this research is making an ordering food application based on website for the same with new order, payment and tracking order features. It is mainly designed for use in the food industry. The application allows people to place any order in hostels and restaurants. The customer can view the menu from selected hotels or restaurants in just few minutes. The result of this research is an ordering food application for customer, and a website for restaurant and admin user. The conclusion of this research is to help customer in making order easily, to give detail information needed by customer, to help restaurant in receiving orders and to prepare the same.*

**Keywords:** PHP, MYSQL, XAMPP, CSS

## I. INTRODUCTION

Food Ordering is a system that allows eatery nosiness' to accept to manage order and place over the internet from guests. This kind of food ordering is gaining fissionability with further and further people especially the youngish generation turning to mobile food ordering operation or websites because it saves time of client and increases rest time of client. It substantially corresponds of two main factors. First isa website or android operation to view the menu and place the order according to it. Second is an admin operation interface for the eatery to admit and managethe client's order. The system will come main tool for hospices to ameliorate the operation aspect by usecomputer system to connect directly to its client. It also give effectiveness for the eatery by reducing time consuming, minimize mortal error and give good quality and service to client. The client needs to register themselves on the operation by creating their profile which includes the introductory information of them and payment information.

## II. IMPLEMENTATION

Product supports 2 different types of users namely the Customer and admin. The first basic functionality of the product is to login into the website to order the food. For this we would be using user ID and Password to for the user to login. Admin will also be provided with ID and Password. New user can Sign-upand create a new account to place the order. Oncelogged in, user can just view the menu or search the food item from the menu search bar. User will then see the list of all food from the food menu and users reviews/feedback. User then can explore the website and find desired food item which he wants to order as parcel. Ones the order is placed, confirmed or rejected, system will inform respective user the order status to the user at the address. User can do the payment through online or the payment can be done manually.

## III. METHADODOLOGY

The simulation first starts with the customer entering his/her credentials (name, ID and password). Once that has been verified, the customer can place an order specifying the quantity of the food required. Now we get a window that displays the order number, customerID, food name, price and quantity. Once the customer finalizes his/her order, they are redirected to the payment window where the total price is displayed and the customer can select the payment method of their choice and then the customer gets a message of confirmation of order.

The above mentioned simulation flow is with respect to the customer's point of view. Now if you are an admin, you can select the normal login option and enter the admin credentials (email ID and password). Once you enter the admin portal, you get the option of adding food, deleting food or updating food. Any option of choice leads you to the food menu. Once the selected operation is carried out, the end result, i.e, the added food or the updated food list is displayed and if you have deleted a food, that particular food disappears from the main menu.

#### IV. SYSTEM REQUIREMENT

**PHP:** Hypertext Pre-processor is language which began for developing web applications, is also a general- purpose programming language. PHP code is executed in a given order where it is first started by a PHP interpreter, which is then implemented as a web server module. The output of both of the interpreted and executed PHP code is combined by web server, which may be any type that is associated with the created web page [6].

**MySQL:** It is an open source relational database management system (RDBMS). MySQL is the central component of the WAMP open-source web application software stack. WAMP is an acronym for "Windows, Apache, MySQL, [7] and Perl/PHP/Python". From source code MySQL can be built and installed manually, but it is always installed from a binary package due to customization. Although further steps is required to alert the security and optimization settings.

**CSS:** Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML).<sup>[1]</sup> CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

**XAMPP:** XAMPP is a free and open-source cross- platform web server solution stack package developed by Apache Friends,<sup>[2]</sup> consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.<sup>[3][4]</sup> Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server possible.

#### V. HARDWARE REQUIREMENT

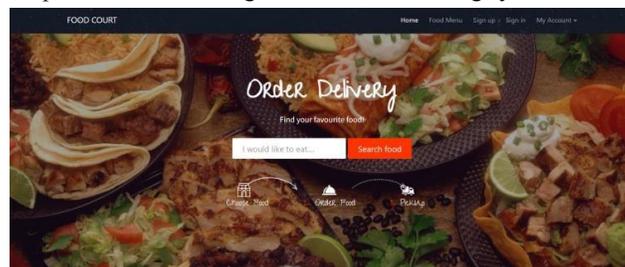
A desktop computer with Intel Core i3 64 bit processor and Graphic card 1 GB RAM, and Microsoft Windows 10 operating system was used.

#### VI. RESULT

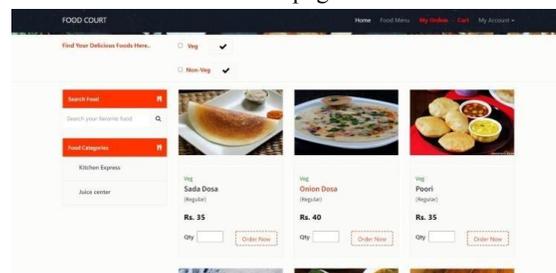
Following are the results that one can draw from this system:

1. People can successfully order the food using the proposed system.
2. There will be a lesser requirement of staff at the backcounter. The system will help in reduction of labour cost involved and also reduces the space required to set up cafeterias in the restricted area.
3. As it is an automated system it is less probable to make any mistakes.
4. The customers can avoid the long queues at the counter, with a reasonable speed of execution and maximum throughput.

Figures 1 (a) – (g) show the snap shot of various stages of the food ordering system on the mobile App.



**Fig 1(a).** The above snapshot shows the index page of Food Court, which provides various navigation buttons to reach other page.



**Fig 1(b).** The above snapshot shows the Home page of Food Court, which provides food section and menu.



Fig 1(c). The above snapshot shows the menu page of Food Court, which provides food varieties.



Fig 1(d). The above snapshot shows the track of the order placed

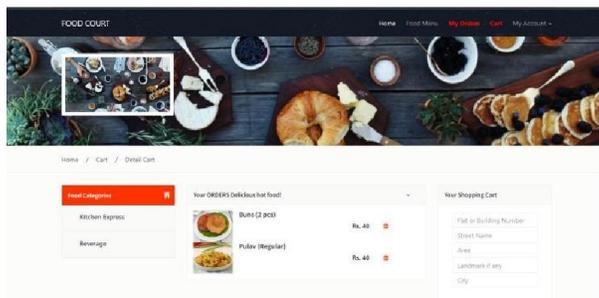


Fig 1(e). The above snapshot shows the order added to the cart

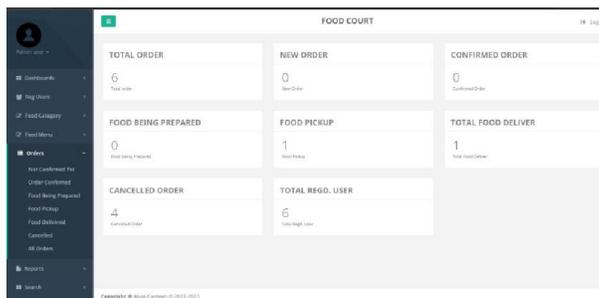


Fig 1(f). The above snapshot shows the admin page



S.NO	Order Number	Order Date	Action
1	785218718	2022-06-05 21:23:28	<a href="#">View Details</a>
2	688838801	2022-06-05 22:31:58	<a href="#">View Details</a>
3	287712648	2022-06-06 11:57:28	<a href="#">View Details</a>
4	278236472	2022-06-07 07:18:18	<a href="#">View Details</a>
5	942826617	2022-06-22 16:46:52	<a href="#">View Details</a>
6	762827248	2022-06-22 14:12:18	<a href="#">View Details</a>

Fig 1(g). The above snapshot shows the details of all the order received in admin page

## VII. CONCLUSION

Therefore, conclusion of the proposed system is based on user's need and is user centered. The system is developed in considering all issues related to all user which are included in this system. Wide range of people can use this if they know how to operate it. Various issues related to Mess/Tiffin Service will be solved by providing them a full-fledged system. Thus, implementation of Online Food Ordering system is done to help and solve one of the important problems of people. Based on the result of this research, it can be concluded: It helps customer in making order easily; It gives information needed in making order to customer. The Food website application made for mess, it can help mess in receiving orders and modifying its data and it is also made for admin so that it helps admin in controlling all the Food system. With online food ordering system, a mess menu online can be set up and the customers can easily place order. Also with a food menu online, tracking the orders is done easily, it maintain customer's database and improve the food delivery service. The restaurants and mess can even customize online restaurant menu and upload images easily. Having a restaurant menu on internet, potential customers can easily access it and place order at their convenience. Thus, an automated food ordering system is presented with features of feedback and wireless communication. The proposed system would attract customers and adds to the efficiency of maintaining the restaurant and mess ordering and billing sections. Scope of the proposed system is justifiable because in large amount peoples are shifting to different cities so wide range of people can make a use of proposed system.

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