

## Home Made Food Delivery System

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### Abstract

*A Home-Made Food Delivering System is proposed here where it simplifies the home food ordering process. This proposed system has an interface which has the menu that has all available home foods. Even though lot of foods and variety of dishes are available in hotels and restaurants everywhere the demand and audience for home food always exists. Instead of giving orders to the hotel we will be sending the orders to the women who are ready to take it from home and offer customers the fresh and tasty home-made foods. The reason behind this shifting is to encourage and support new women entrepreneurs in the town and to serve fresh and healthy food to the customers. In addition to this we are providing an employment opportunity to the job seekers by offering them the job of delivery boy. The willing person can register himself in the site by providing necessary details with proper reference. The orders will be taken in a queue order and stored in the database. Once the customer places the order, the order details will be shared to delivery boy and home-based hotel. The delivery boy will collect the food once it is ready and will quickly deliver it to the concern customer*

**Keywords :** Home –Made , Food , Delivery

### 1. INTRODUCTION

Web development are used for creating, and maintaining websites. It includes like web designing, web publishing, web programming, and management. Technically, an online designer only designs website interfaces using HTML and CSS. An online developer is also involved in designing an internet site, but might also write web scripts in languages like PHP and ASP. Some examples include hand coding websites in an exceedingly text editor, building a web site in a very program like Dreamweaver, and updating a blog via a blogging website. In these recent years, content management systems like Word Press, Drupal, and Joomla have also become popular means of web development. These tools make it easy for anyone to form and edit their own website employing a web-based interface. the net development differs from creating plain text to complex web-based application. The web development consist of three types they are client-side coding, server-side coding and database technology.

There are several methods of constructing websites, between simplicity and customization. Therefore, the most of the large businesses are not use the content management systems, but instead have an avid-Web development team that design and maintain the company's website(s). Small organizations and individuals are more likely to settle on an answer like Word Press that gives a basic website template and simplified editing tools. Web development is that the coding or programming that allows website functionality, per the three owner's requirements. It mainly deals with the building websites include non-design aspect, which has coding and writing mark up the developing websites for hosting via intranet or internet that related to web development. the web design, website development, client-side/server-side scripting and network security configuration, among other tasks are comes under the net development process. Web Development may be categorized in to 2 parts 1. front 2. Back End. A front-end developer is that the one who builds the interface, and provides the layout because the interaction between the back-end of the web site and also the user. Front-end developers use three main languages; Hypertext nomenclature (HTML), Cascading

Style Sheets (CSS), and JavaScript (JS). With the assistance of above languages Web Developer can create full-fledged website. side developers should use styling pre-processors, JavaScript libraries, and frameworks to lock the method of development. Front-end developers provide the markup design to backend developers, so that they can implement a dynamic website, and submit all the specified data on the server and databases. Back-end developers are people who control the server data and requests.

The back-end or server-side of an application is to blame for managing data within the database and serving that data to the front-end to be displayed. Back-end developers create the backbone of the web site by using languages like PHP and MySQL. There are some common development environments or IDEs where both front and backside developers can use. Web developers may additionally use versioning tools to stay a history of the previous builds. this can help them to quickly and effortlessly pull away to a previous “unbroken” version if required to try and do so. 4 Web Designing and Development are the key components for each business where they both combine and supply a business website. In olden days, web design or website use to only explain about your business. As per this technology, your business website will be reached to numerous customers situated in various locations through latest Digital Marketing Techniques. By this we will understand that, there's a decent scope for getting more leads for your business as your sites will reach the unexpected locations.

## **2. LITERATURE SURVEY**

Trupti B[1] The proposed system shows an idea and update Hotel management by web services technology is presented in the application of integration. There are many integration systems in digital home management like ordering system, kitchen order ticket, billing system, customer relationship management system together. This solution can be able to add or expand the hotel application in any size of hotel system environment and the menu with all available options in order that it eases the customer work. Customer can choose quite one item to place an order and able to view order details before logging off. The order confirmation is notified to the customer. The order is placed in the order of the queue and changes are added in the database and returned in real time. This idea assists the staff to check and validate the orders in real time and process it efficiently minimal errors.

Ashutosh Bhargava [2] Nowadays web services technology is widely commonly applied to integrate heterogeneous systems and develop new applications. This idea also increases attraction of place many ranges of peoples. Implementing this idea gives a cost-efficient opportunity to relinquish your customers a singular service experience where they're up to them of selecting what they like, the time they require it from dining to ordering to payment and feedback. Using android application, we are implementing for Tablet personal computer, the house page of the system is developed using JAVA Android together with side will work on MySQL database.

## **3. EXISTING METHODOLOGY**

The system that is already available is only offline ordering process where the customer must directly go to the hotel or restaurant and convey it to the waiter available there or else going directly to the counter and order the food. The problem is that if the waiter fails to understand or memorize the foods, we ordered to eat then it will end up in getting the food that we did not ordered. And through the analysis we identified that many want to change this process and make a system process that is more helpful to the user so that they get more clarification on what they ordered and how much quantity is going to be served by the waiter.

The old process of ordering food through waiter may leads to verbal fight with them and any misunderstanding is happened in their service of serving food. Another issues is that when the counter gets busy due to over crowd we have to wait for more time than usual timing also

when there is a rush then the person in the counter may fail to take our orders correctly due to over rush happened there which leads to wrong bill statement so that we may not get the food we want and the amount to paid will be high if quantity of food is ordered more. Sometimes the serving people focus only on the table with large crowd and leaves the person who is coming in less numbers will be made to wait for so long time and also, we will experience the same when would like to place extra food to add up with current ordered foods.

Most importantly we will feel bad or hesitate to convey or complain the food quality because it has to be said directly through face to face interactions so we are unable to say what we wish and this trend will continue which means the future experience in food quality on that hotel so a review platform is needed to receive customer experience and make it useful for future improvements. Adding this section will help the owners of the hotels to analyse their good and bad actions so that they can monitor and continue that trend if is good and improve or change the trend if is needed. We may not clear idea on what are the food items that are now available without asking the server in the hotel and there also may issues that customers face during their experience on having foods at any hotel or restaurants.

### **3.1 ISSUES IN EXISTING SYSTEM**

Due to manual means being employed by the nutriment restaurants, it's extremely difficult to satisfy the necessities and needs of the purchasers. Most of the problems include

1. Mistakes are made when taking the orders of the consumers
2. The tactic of collecting customers' purchases order is extremely tedious.
3. It finally ends up in an exceedingly lack of understanding between the patrons and so the staff.
4. The record-keeping system is poor. Besides, protecting the classification system from unauthorized access is also a controversy that has defiled solution.

## **4.PROPOSED METHODOLOGY**

The proposed system is developed to manage ordering activities in nutrition restaurant. It helps to record customer-submitted orders. The system should cover the subsequent functions to support the restaurant's business process for achieving the objectives:

1. to allow the customer to make order, view order, and make changes before submitting their order and allow them to make payment through a prepayment card or Master card or open-end credit.
2. to supply the interface that enables promotion and menu.
3. to prevent interface that shows customers' orders detail to front-end and kitchen staff for delivering customer orders
4. Tools that generate reports that may be used for higher cognitive process
5. A tool that enables the management to modify the food information like price, add a replacement menu, and plenty of others as well as tools for managing user, system menu, and promotion records

### **4.1 JUSTIFICATION FOR THE PROPOSED SYSTEM**

The goal of our new system is to analyses all the issues that are faced by the consumers and provide a complete solution to provide satisfied experience whenever they are using this service. The platform will be provided to get requirements and store the data in proper database also to notify the order status interactively. As per the data available the order will be picked by the hotel and confirmed orders will be intimated to the nearby delivery persons who is available at that time. This proposed idea also has some additional features such as

1. Proper data handling
2. No offline work is needed for ordering
3. Faster order processing and immediate food delivery service
4. Better user experience and accessible all time
5. No data loss
6. Improved date retrieval process
7. Best food quality

## 5. CONCLUSION

The Home Food Delivery System is now in the early stage of development and implementation. This project can later be expanded on a larger scale in the near future. It is developed for home-hotels to simplify their routine managerial and operational task and to improve the dining experience of the customers. This also helps the restaurant owners develop healthy customer relationships by providing reasonably good services. The system also enables the home-hotels to know the items available in real time and make changes to their food and beverage inventory based on the orders placed and the orders completed.

In future work, review option will be enabled to collect the reviews about food, delivery boy and website which will useful for future improvement and helps to improve the quality and standard. If many customers are frequent to the website, then coupons and discounts can be made available on the food price and delivery charges. Using ML algorithms, the favorites food, peak time and many other insights can be identified and used for the business improvement.

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