

Online Food Ordering System

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Abstract:

E-commerce product designed for food industry to serve a better online service to the consumer at his door step. This system will allow hotels and restaurants to increase scope of business by reducing the including labor cost. This system allow end user to easily choose and manage an online menu which customers can browse and use to place order with just few clicks. Administrator can also manage these orders and navigate easily to track overall business with user friendly software environment for efficient processing.

Keywords — food, food service, food processor, food Industry, online food ordering, food and beverage manager.

I. INTRODUCTION

In today's market, it is extremely difficult to start a new small-scale business and live-through the competition from the well-established owners. To start a new small-scale food service with a traditional way lots of different costs will involved as well as a tough competition which one has to face but due to e-commerce market can reduce these efforts to minimum extent. E-commerce is the one of the most important medium to connect with the customer with minimum cost and time. To boost business as well as to sustain in the competition in today's market, hotels and restaurants need to grab the opportunities in the e-commerce market. Whole world looking towards India as biggest food market then ecommerce is being very essential.

In fast paced time of today, everyone is in hurry and working person trying to complete their targets. People are living away from their family for work and employment. They don't have enough time to cook a good and healthy food or find good restaurant and hotel of their taste. People do not like waiting for long in the restaurant or to have to call restaurant to place an order especially during the peak lunch or dinner hours. At this point the online

food service can play more important role. The clients of today are not just pulled in on the grounds that submitting a request online is exceptionally advantageous yet in addition since they have live perceivability into the things offered, cost and to a great degree improved route for put in a request. We proposed here an Online requesting framework, significantly improves the requesting procedure for both the client and also the eatery executives. System presents an attractive, effective, user-friendly and up-to-date environment with all available menus for navigate to user.

It is an online food service to provide a meal box to the customer on monthly basis as per their plan (lunch, dinner or both). Customer can choose one or more items to place an order which will add in the Cart. Client can see all the requested things in points of interest in the truck before looking at. Toward the end, client will get arrange affirmation subtle elements. Once the request is set it is entered in the framework database and recovered in practically constant. This enables Restaurant chairman to rapidly experience the requests as they are gotten and process all requests proficiently and successfully with insignificant deferrals and disarray. System can track the delivery of food on

daily basis and capable of maintaining all records easily.

II. TECHNOLOGIES

When it comes to web designing and applications, programming languages are very powerful and dynamic. The languages used to build this application are JavaScript, CSS3, HTML5, JQuery, Bootstrap and PHP at client facing whereas Mysql Oracle database at the back-end. Bootstrap is used to generate attractive and responsive design for the application. This application can be accessed and operated from any devices.

III. OBJECTIVE

Provide e-commerce business product for the restaurants and hotels to manage and boost their business online. Through this website application connect restaurants with the customer within few clicks at the peak lunch time. This also helps to learn about the Web application designing for e-commerce using new programming technique. Further, it gives insight about how GUI interacts with server-side language, php, and finally with the Oracle database.

IV. BACKGROUND AND RELATED WORK

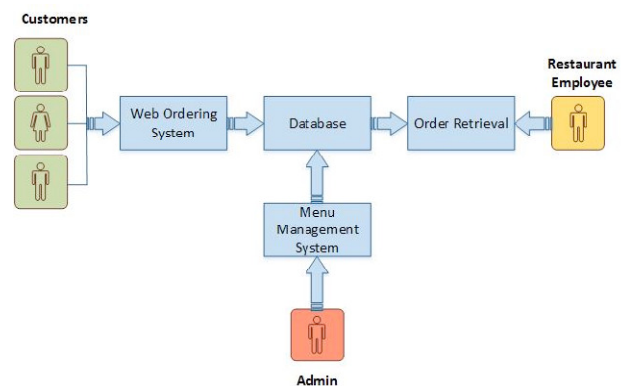
In existing framework there are couple of Problems setting up a fast food eatery: For putting in any requests clients need to visit lodgings or eateries to think about sustenance things and value at that point put arrange. This strategy is time and exertion expending. While submitting a request via telephone, client absences of visual affirmation that the request was put accurately or not. Each eatery needs certain representatives to take the request over telephone or to offer a rich eating background and process the installment. In the present market, work costs are expanding step by step, making it hard to discover representatives when

required. Subsequently, to settle this issue, we proposed an "Online Food Order System, initially intended for little scale business, however this framework is similarly as relevant in any sustenance conveyance industry. The primary preferred standpoint of framework is that it significantly rearranges the requesting procedure for both the client and the eatery and furthermore extraordinarily lessens the heap on the eatery's end, as the whole process of taking requests is mechanized.

V. PRODUCT PROSPECTIVE

The Online Food Order System application is a web-based system. This web site provide complete product to place review, order and order processing. It can be accessed through internet browsers on pc, mobile etc.

System Model:



The structure of the system can be divided into 3 main logical components:

1. **Web Ordering System:** provides the functionality for customers to place their order and details.
2. **Menu Management:** allows the restaurant to manage what can be ordered by the customers.
3. **Order Retrieval System:** Enables eatery to monitor allorders put. This segment deals with arrange recovering and showing request data.

Product Function:

The Online Food Order System application would have the following basic functions:

1. Web Ordering System Module

This module gives the usefulness to clients to put in their request and essential points of interest for route. It includes the following module:

1. home page
2. meal plan page
3. My cart page
4. login page

2. Menu Management:

Here, the food items and its properties are update/delete for displaying to user by admin:

1. food item
2. food size
3. food price
4. food image
5. food description

3. Order Retrieval:

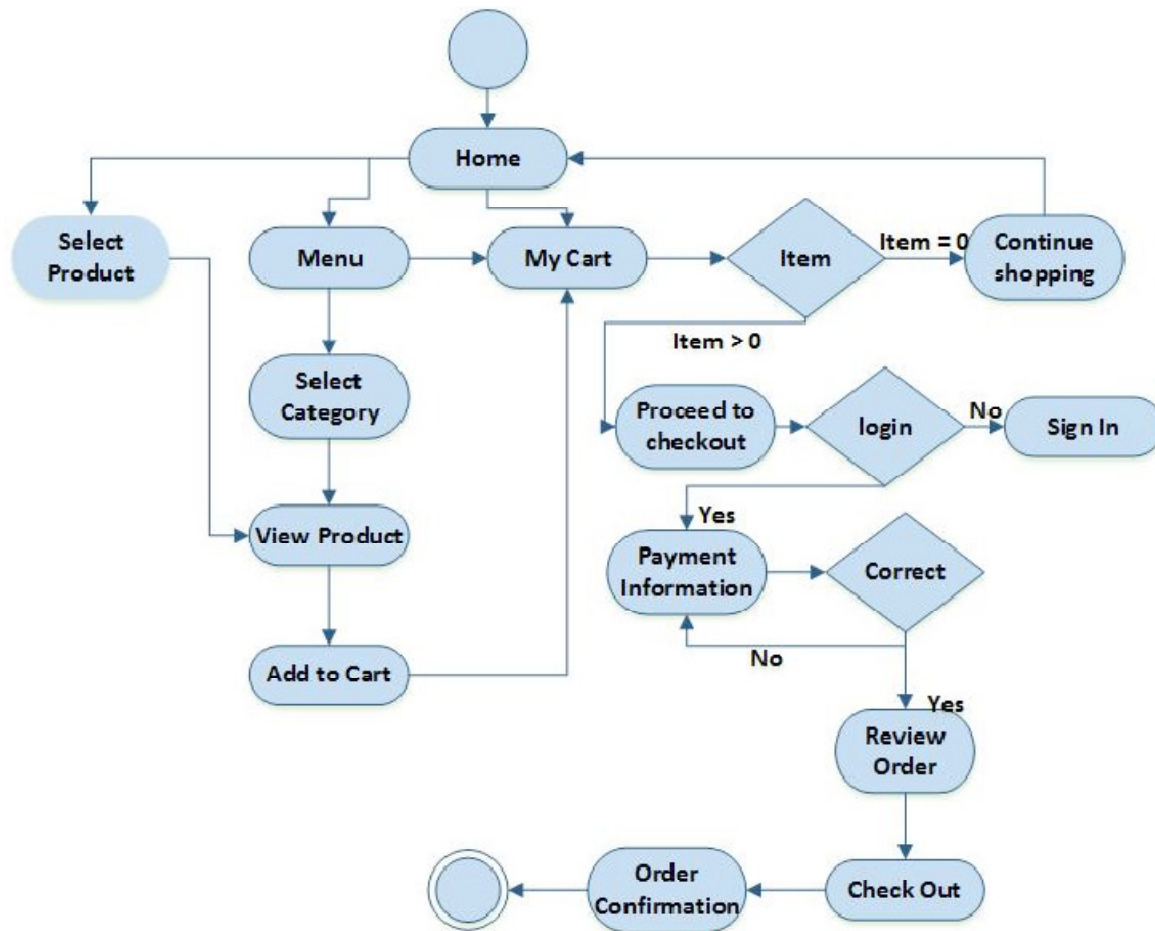
this is the logical component where all the placed orders are processed by the restaurent employees

1. Order plan
2. Order quantity
3. Delivery

VI. FUNCTIONAL REQUIREMENTS:

Activity Diagram:

This section shows the activity diagram and describes the flow of the activities in the system. Figure provides the overview of the activity flow of the Online Food Order System application.



is capable to fulfill the customer’s requirements as well as to manage restaurant’s workload.

All users of the system, are provided with below menu options:

Home, MealPlan, MyCart, SignUp, Review, Support, AboutUs

VII. Conclusion:

Hence we developed an product for the efficient processing and management of online food industry which deliver food at customers door step. This will boosts the business of the restaurants and hotels. Such type of websites are helpful to grow restaurant business for small scale as well as well settled business because now people want service in minimum efforts and time. This website application

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