ABSTRACT

The main objective of the Online Food Ordering System is to manage the details of Item Category, Food, Delivery Address, Order, shopping Cart. It manages all the information about Item Category, Customer, Shopping Cart, item Category. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Item Category, Food, Customer, delivery Address. It tracks all the details about the Delivery Address, Order, shopping Cart. The primary reason for the internet-based food conveyance framework is to oversee card characterization data, food, locations, imports and buys. Deal with all data connected with Categories, Customers, Purchase Cards, and Categories. Since the undertaking depends on full administration, it permits you to track down a solitary chief. The objective of the task is to make a manual pruning project to oversee classes, food, clients, and address space. It controls all data connected with conveyance address, request and buy card. A rundown of pre-chosen things will be shown on the kitchen screen and, once supported, will be printed to foster an extraordinary page. This arrangement is a basic and simple method for picking a pre-requested item.

TABLE OF CONTENT

CHAPTER1

INTRODUCTION   **PAGE NO**

CHAPTER 2

CHAPTER 3

SYSTEM ANALYSIS

CHAPTER 4

CHAPTER 5

CHAPTER-1

INTRODUCTION

1.1 OUTLINE OF THE PROJECT

As well as conveying food on the web, the food is conveyed on the web and conveyed to clients. This is conceivable using innovation-based instalment frameworks. Instalments can be made by client's Visa or charge card. Accordingly, as a feature of this venture, we are fostering a framework that permits our clients to arrange food on the web. With the quick improvement of the Internet and related advancements, an ever-increasing number of chances are arising on the web. Many organizations, many organizations are currently putting vigorously in their internet-based organizations. One of the internet business new companies spend significant time in web-based food conveyance. In this day and age, most cafés center around speedier planning and quicker conveyance than the   feasting experience. As of late, most items depend on telephones, yet there are many weaknesses of this framework. Anybody can import anything from anyplace on the Internet and bring it back home. . In any case, when you attempt to see how to move labor and products, the principle thought is the manner by which to pay. At the end of the day, how would you pay for your items and administrations on the web? This is presently prompting a conversation regarding the monetary effect of computerized monetary standards. What are the financial outcomes? Since the world is quickly turning into a worldwide city, the main apparatus in this interaction is correspondence. The primary forward leaps are two cell phone frameworks without a decent line or cell framework (GSM).The web-based conveyance framework was initially utilized in the college cafeteria, yet likewise with all food conveyance exercises. The principle benefit of this framework is that it improves on the method involved with welcoming clients and eateries. Doing the entire dynamic interaction straightforwardly places a strain on the café eventually. When the request is put nearby, it will be handled, chronicled, and the café work area application will be returned in full constant. The program shows everything on the rundown in a basic and simple to-understand way, alongside nitty gritty, point by point data. This permits the eatery staff to show up as fast as could be expected and to be late and baffled with what they need. The primary benefit of this framework is FLEXIBLE ADDRESS.

The project Online Food ordering system is a web based application that allows the administrator to handle all the activities online quickly and safely. Using Interactive GUI anyone can quickly learn to use the complete system. The project Online food order booking system is a web based application that allows the administrator to handle all the activities online quickly and safely. Using Interactive GUI anyone can quickly learn to use the complete system. The administrator doesn't have to sit and manage the entire activities on paper, and at the same time, the head will feel comfortable to keep check of the whole system. This system will give him power and flexibility to manage the entire system from a single online portal.

1.2 PROBLEM STATEMENT

The main goal is to release automated food ordering system across multiple users every day. One critical challenge of ordering food is the management of the website owners by multiple people. By using the automated food ordering system there is no delay that can happen and the ordered food will be in time because of the perfect organized site. This website can really make the users as well as the people who own restaurants and hotels which are not well known.

1.3 SCOPE OF THE PROJECT

The Scope of the project (Android / web panel based application) are as follows: Food Ordering app can sale Food product, preferred brands, kitchen needs, essential restaurant supplies and more, through this online, onestop Food store. It provides you with a convenient way to sale from your Food shopping app. You can use this app as one big super market app to sale product of your store. This app make easy for user to buy product from store with easy steps and store can get easy order.

CHAPTER -2

LITERATURE SURVEY

Wireless Food Ordering System

In the pass decades, the rapid growing of network and wireless technology did a great impact for how people communicate with each and other remotely. At the same time, this technology also leads different kind industries to change their entire management aspect. F&B industry is one of the industries in the market that apply these technologies into their business processes that assist them to be much more convenience and efficient. From the message above, Wireless Food Ordering System is a system that integrated both concept of intranet and wireless technology (Khairunnisa, K. and Ayob, J., 2009). This system provide user to access the data, information and services from a remote server, which enable user to access the central databases distributed across the restaurant network. Most of the handheld devices have implemented and support wireless technology and thus mobile devices is an ideal hardware device that use to support this system in order to allow user remote access to the database for data retrieval.

Strength

The system eliminates the need for a waiter to take order with pen and paper. Moreover, the waiter only needs to carry the mobile devices for the entire operational hour to perform food order process instead of using pen and paper. While using pen and paper to take order, it bring a lot of troublesome such as the waiter busying in replenish the order paper that they carrying. Other than that, this system also can help in terms of environmentally friendly by reducing the usage of paper.

Weaknesses and Limitations

The limitation would be all the client devices are connected via the wireless access point in order to let client perform data retrieval from the central database. Unfortunately, there might be a problem in wireless signal coverage is not strong enough to cover the whole restaurant area and thus cause the waiter's mobile device disconnect from the server.

Online Ordering System

In our generation era, computer has become a key component to our daily life because of the advancement technology of World Wide Web that becomes an internet that allow each and every user connected with theirs' computer for information sharing throughout the whole world. The World Wide Web did a great contribution to a lot of enterprise which use this mechanism for information sharing within the enterprise and also outside the enterprise (Kapchnaga, R, 2014). From the benefit of World Wide Web, a lot of fast food industry applies a system known as Online Ordering System to assist their business processes. Online Ordering System is a technique that allow customer to order their favourite food online via the internet by using a web browser that installed in their respective computer or smart phone. Implementing this system can help fast food industry to solve the problem that they face while using the traditional food ordering processes.

Strength

The system is very suitable for fast food industry due to it provides ability for customer to place order anywhere and everywhere and also minimized the time

require during the order processes. Customers do not need to physically go to the restaurant for food ordering instead of just using their mobile device to place an order via the internet and when the customer reach the restaurant they can directly have their meal without waiting for the queue. Meanwhile, it help the fast food restaurant to have a better customer services because the most important factor that fast food industry concern about is quickness therefore the restaurant should serve their customer without any delay.

Weaknesses and Limitations

The main weaknesses of the system will be internet connection depended. The system will not be operating without the internet connection. Because customer have to place order via the internet as a medium and the data send to the restaurant database for further process, the customer will not be able to access the web service if no internet connection available. Furthermore, if the Internet Service Provider (ISP) is under maintenance it will did a great impact to the restaurant that relies on the online order system for their business.

Electronic Menu Card for Restaurants

This order system overcome the drawback of traditional paper based order system, it change everything from paper based into computerized. First of all, the system will be programed with the food availability from the respective restaurant and display on touchscreen devices that have been setup in each of the tables within the restaurant. In addition, the touchscreen device will have a very attractive Graphic User Interface (GUI) that displays the food menu for customer to make their choices

and enable customer to place an order by touching the particular food image that display on the device screen. Next, when the customer placed an order, the food order will be send to the kitchen and the chef can prepare for the food. This system eliminates the issue from traditional paper based system that the waiter has to manually deliver the order to kitchen. Other than that, the system provide a sub-module that enable restaurant owner to update the food details, food price and etc. It was very convenience compare to the traditional paper based system, because paper based system require the restaurant owner to dispose all old food menu cards and re-print the latest food menu card to serve their customers.

Strength

This system will help in reducing the number of employee that need in the restaurants hence it will directly help in considerably reducing the long-term cost of restaurant management. Second, the system also helps reducing the manual customer services activities and thus eliminating the human error and human mistakes.

Weaknesses and Limitations

Although this system provide a lot of ideal solution that can help a restaurant to solve the problem that they encountered in their working hour, but it need the restaurant owner to invest a huge amount of money in these systems. For many restaurant owners, they might not take risk to investing a huge amount of money into this system.

CHAPTER-3

SYSTEM ANALYSIS

3.1 EXISTING SYSTEM

Various case studies have highlighted the problems faced while setting up a restaurant. Some of the problems found during the survey in the existing system are listed below:

To place the orders customer visits the restaurant, checks the menu items available in the restaurant, and chooses the items required, then places the order and then do the payment. This method demands manual work and time on the part of the customer.

When the customer wants to order over the phone, customer is unable to see the physical copy of the menu available in the restaurant, this also lacks the verification that the order was placed for the appropriate menu items.

3.1.1 DISADVANTAGE

- The only disadvantage is that due to the server signals the orders might not reach the restaurants and the order might get lost due to the reason.

3.2 PROPOSED SYSTEM

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, customer ID, food name, price and quantity.