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Interactive Restaurant Website

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Abstract - *In last decades, there is rapid increase in the development of food. Traditional methods of ordering food through waiters is outdated nowadays. So, everything has changed to digital. Food can be ordered by the application or through device provided. The GUI is user friendly so that every user can use it without any confusions. The main goal is to draw in the purchasers and it adds efficiency of maintaining records of ordering and billing system. This will reduce the human labor. Maybe waiter can make mistakes while taking the orders from the customers. The supervisor will have the system rights to feature or change the food items anytime. Customer can change the food consistent with their choice and therefore the payment amount are going to be displayed on the screen*

Key Words: GUI, Templates, Real time.

1.INTRODUCTION

It is known globally that in todays market it is extremely difficult to start a new small scale business and live through the competition from the established and settled owners. The customer of today aren't only attracted because placing order online is convenient but also because they need visibility into the things offered, price and very simplified navigation for the order. Customer can choose one or more item to place an order which will land in the cart. Customer can view all the order details within the cart before finding out. Once the order is placed it's entered within the database and retrieved in just about real time. This allows restaurant employees to quickly through the orders as they are received and process all orders effectively with minimal days and confusions.

1.1SCOPE

Running a restaurant may be a huge task that comes with a never-ending. Most operators don't just like the idea of adding another assignment but there's one vital-an internet site. According to a continuing contact survey, "75% of consumers surveyed often by chose a restaurant to dine at supported search results". If your restaurant doesn't have a website, you're missing out on a massive audience. Online visibility is huge for restaurants and can ultimately determine whether customers come to your restaurant or not. A website gives you control over the image of your restaurant. It gives a restaurant the platform to tell their own story, in their own words (unlike third party sites). Customers will get a good idea of who you are, as well as get an idea of the overall atmosphere of the restaurant. Having a website can improve your online search ranking. Including a booking widget on your website provides a convenient and easy way for guests to make reservations. It'll allow your host to spend more time with in-house guests and customers to make reservations any time of day. This is also a way to manage reservations and avoid overbooking Nowadays it is now very unusual for a business not to have some sort of presence online. With improved connectivity and the advances in smartphone technologies most people now use the internet to source information, and having your business available to fulfil these information searches is key to driving more footfall through your door. A website gives you a controlled way to portray an image of your business as you would like it, giving your customers an idea of the atmosphere and offering before even stepping a foot inside.

1.2 EXISTING SYSTEM

Software module consists of the application which is android-based application. By using digital restaurant application customer can order their food. Hardware module consists of the automatic device which is Arduino-based. Scopus, Web of Science, Google Scholar, and China National Knowledge Infrastructure (CNKI).

1.3 PROPOSED SYSTEM

In this application, once you order the food menu it will save in the system. So, next time if you want to order the same food it will display on your menu page. This is easy to order the food and it also saves time. In this system, if ordering your food crosses the cost limit (more than Rs.5000) than automatically credit score will be updated to your account. Based on the credit, discounts and vouchers will be given.

2. LITERATURESURVEY:

REVIEW 1:

TITLE: ONLINE FOOD ORDERING SYSTEM

AUTHOR NAME: Abhishek Singh, Adithya, Vaishnav Kanade, Prof. Salma Pathan

PUBLISHED ON: JUNE 2018

METHOD USED: System application is done in Java, jQuery, HTML and the datasets are stored in MySQL database.

EXISTING TECHNOLOGY: To design a system that can accommodate huge amount of orders at a time and automatically compute the bill.

ADVANTAGE: The flexibility to the Customers/Users to order from either Restaurants or Mess is provided by the system.

FUTURE SCOPE: A Real-time online food ordering system for the customer.

REVIEW 2:

TITLE: DIGITAL RESTAURANT

AUTHOR NAME: Vishal Gupta, Neha Gaddam, Love faith Narang, Yogesh Gite

PUBLISHED ON: APRIL 2020

METHOD USED: A System will be implemented where order will be taken from an application installed in customers' Android device and the order will be displayed in kitchen.

EXISTING TECHNOLOGY: Software module consists of the application which is android-based application. By using digital restaurant application customer can order their food. Hardware module consists of the automatic device which is Arduino-based.

ADVANTAGES: System is made for more efficiency and can help to decrease human errors. Transaction between manager and customer will be efficient systematic.

FUTURE SCOPE: System will replace the old fashioned pen and paper method. It is a wireless food ordering system which is based on Android devices.

REVIEW 3:

TITLE: Review of Online Food Delivery Platforms and their Impacts on Sustainability**.**

AUTHOR NAME: Charlene Li Miranda Mirosa and Phil Bremer

PUBLISHED ON: JULY 2020

METHOD USED: Understanding the economic, social, and environmental sustainability impacts of online FD required an in-depth and interdisciplinary review of recent literature. More than 60 documents were identified on 'online food delivery impact(s)', using the following research engines

EXISTING TECHNOLOGIES: Scopus, Web of Science, Google Scholar, and China National Knowledge Infrastructure (CNKI).

ADVANTAGES: During the COVID-19 crises, online FD had a positive impact in that it allowed people to source food without leaving home

FUTURE SCOPE: The future of online food delivery is exciting, and in order to ensure the sector develops in a sustainable manner which serves the interests of all stakeholders involved.

2. SYSTEM IMPLEMENTATION

2.1 Website Based on Home

The home option allows the user to see food items offered in images. The user can select the item and place the order.

2.2 Website Based on Menu Page

The Menu page allows the user to see all food items per category. Items can be added to cart.

2.3 Website Based on my Cart

Cart allows user to see details of the item placed in the cart. Details include Name, Image, Description, Price, Total per item and final total of the order. It also allows 'Update' and 'Delete' an item. User can then use a 'proceed' button to proceed further. Once order is placed, user will be presented with appropriate order confirmation success or failure message.

2.4 Website Based in Account

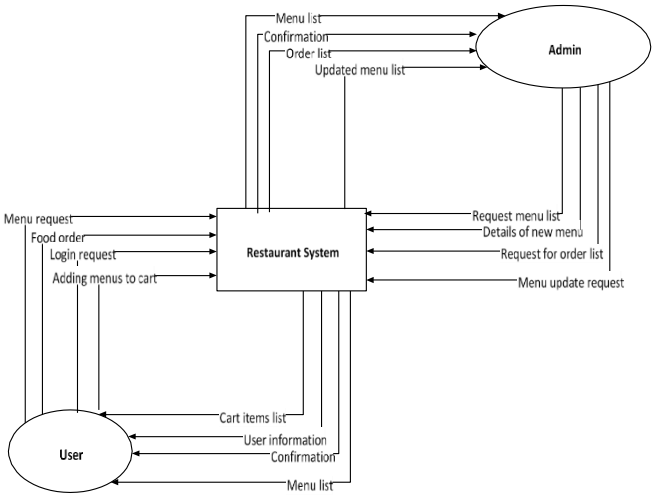
My Account will display the user order and also it displays the final amount of the order.

2.5 Website Based on feedback

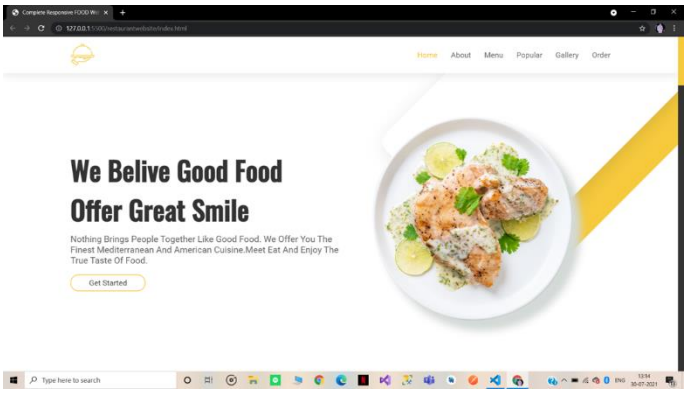
'Review Order' page will be presented for users.

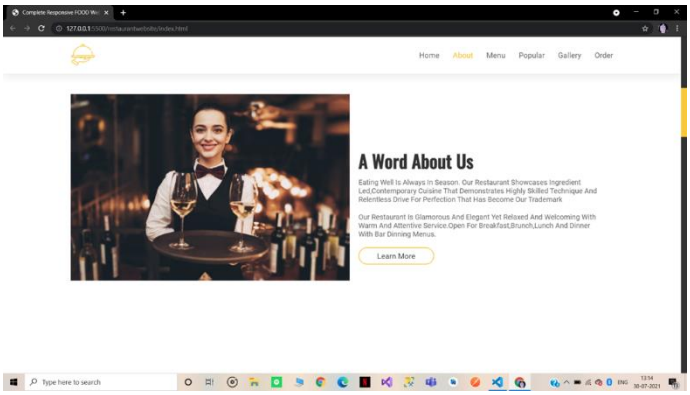
3. SYSTEM DESIGN

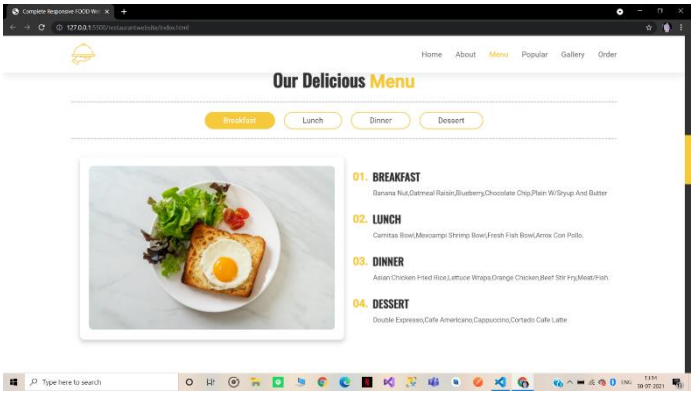
ARCHITECTURAL DIAGRAM

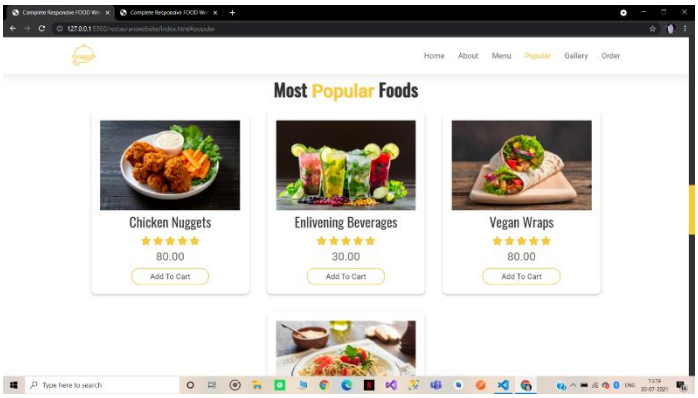


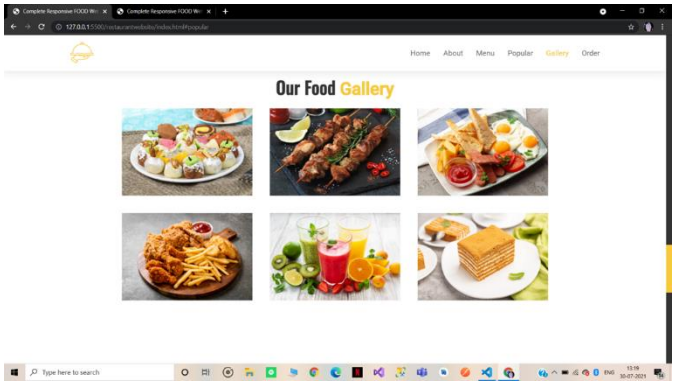
4. OUTPUT SCREENSHOTS

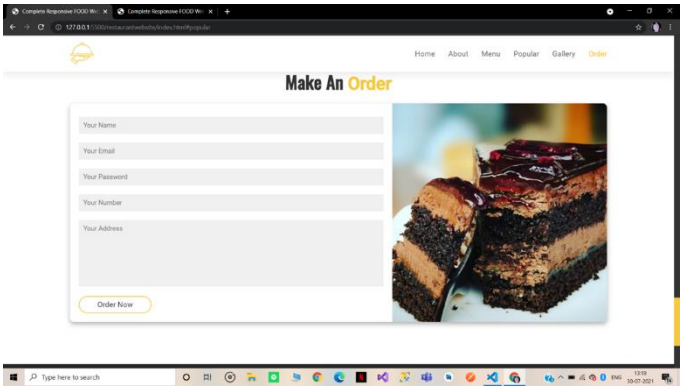












4. CONCLUSIONS

People don't use their smartphones to carry conversations. They would rather send text messages, use apps, or access business online. It not just children follow this trend. Older smartphone owners usually don't like making phone calls. Online restaurant website can let customers place order without lecture any of your employees. People read your menu, select the things they need, and submit their orders. We will even enable them to pay online. Researchers studying consumer behavior find that folks put tons to trust in online reviews. Most of the people (about 84%) believe online reviews the maximum amount as they believe reviews from their real time friends.

The website gives you a place to show off positive reviews that will bring more people through your door. You can't control what people say about you on social media. However, this point, we probably see how a website could make the restaurant more popular and profitable.

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