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Report

on

"Restaurant Website"

WADL MINI PROJECT REPORT (SEMESTER – 2)

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ABSTRACT

"Online Restaurant Website" is considered as an increasingly used application in restaurant management. Just a few years ago, people used to spend long time waiting for a table to be ready for them at a restaurant. And after that, they would wait longer time to order their food. There was no surprise that the food took too long to be prepared. In short, the whole enjoyment of eating did eventually result in boredom and tiredness for customers. From another side, this is the restaurant management and staff who used to stand much pressure to handle a lot of customers at the same time. With great technology in general and the internet in specific, customers can be happy by using online food ordering and reservation. This facilitates the work of restaurant managers and staff. The system will make the entire process for the restaurant manager much easier and faster compared with traditional methods. On the other hand, these days' customers can place their orders and make their reservations as quickly and enjoyably as a click on their computers or smart devices

Keywords: MongoDB, NodeJs, ReactJs, Express

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1.1 AIM AND OBJECTIVES

Project aims :

The main aim of e-commerce websites development is to makes a web application which will be easier to order food online.

Project objectives :

1. To build a responsive fully functional Ecommerce application that allows the users to order food online from any of the restaurant.
2. Enable customers to choose address on the google map
3. Provide online customer support such as chat with admin/seller

1.2 INTRODUCTION

Websites are designed to accomplish a specific purpose. Many websites are used for businesses or to make a profit. Websites, which compete in the business world, have many strict guidelines to follow. Effective file management, functional markup codes, and functional navigation tools are some of the properties a good website will have.
Restaurants are known to compete, mainly through advertisement. With an effective website that is up and running, a customer can navigate to the prices they want and know what they are going to order before they even arrive. A website that is designed for a particular restaurant will give the restaurant a significant advantage over a restaurant without a well-maintained website in place.

Creating a website that revolves around a particular restaurant would be very interesting. Often times the website contains more than just information, it contains very appealing pictures of food. Many restaurants include their menus online to attract more customers. In order to place their menus online a website designer is required many times. Designing a website in the food business can be lots of fun, however it will require maintenance. As the food prices and menu change so will the website. Many restaurants even allow the customers to place orders online to allow easy access and boost their sales.

1.3 LITERATURE SURVEY

Ordering of food online is recently started so there is only little literature available. Less paper work are available on online food ordering systems. Some research are available showing benefits of selling food online. With expanded utilization of the web, more individuals access online products. However it is about the components connected with utilization internet purchasing .

ADVANTAGES:

1.   **IMPROVE CUSTOMER RELATIONSHIPS:** It will enhance customer experience and satisfaction too. In fact, it allows restaurants to modify the menu easily, deduct the waiting time and also facilitates customers with various payment options.

2.   **ENHANCED PRODUCTIVITY:** The restaurant management software handles time-intensive tasks such as price lookups and table distribution.

3.   **TRACKING SALES:** In these days, restaurants maintain a huge amount of credit card and cash transactions too. Therefore, this restaurant management software helps to make life easy as the restaurant manager by tracking all sales data.

4.   **REDUCTION OF ERRORS:** Writing down orders for kitchen staff that results in some mistakes being produce due to the handwriting may be illegible.With the help of this software, orders are shown on the screen . Therefore, there is less chance that the person preparing the orders can make errors.

DISADVANTAGES:

1.   SECURITY: Even though E-commerce providing more benefits to customers. People are having fear about giving their data to website owners, so it will give security 3 International Journal for Modern Trends in Science and Technology issues when we use e-commerce websites for shopping.

2.   DELAYING IN DELIVERY: If we order a dish on online food ordering website , the order may or may not reach you on time, this is one of the common problems in online food ordering systems , it will take time-based upon your distance between you and the organization from where you ordered.

3.   TECHNOLOGY COST: To create a website will take so much amount, one needs to spend so much money on building an e-commerce website because he needs to check all the possibilities and provide a good security system to that website.

1.4 IMPLEMENTATION DETAILS

- Front end : React js , Html, CSS.

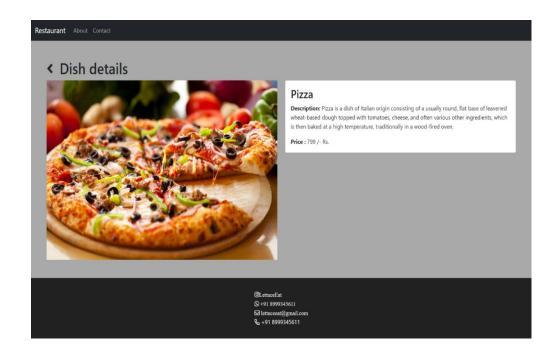- Back end: Express js , Node js .

- Database: MongoDB

Modules:

1. Contact Page
2. Dish Details
3. About us

1.5 OUTPUT SCREENSHOTS

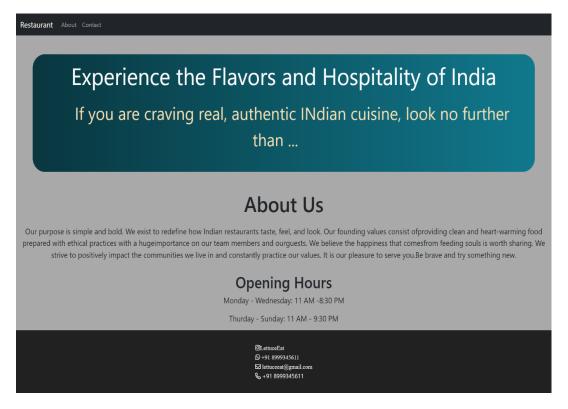➕ Home Page :

+ Dish Details :
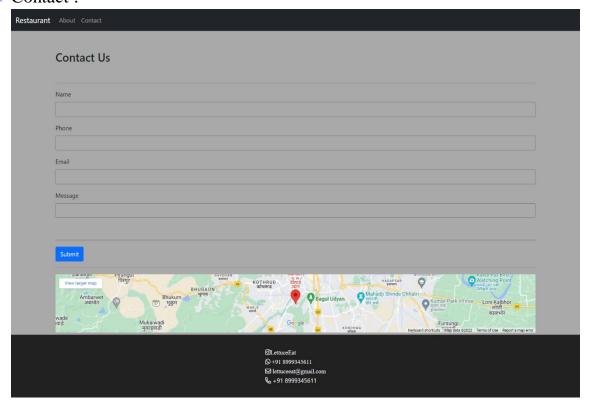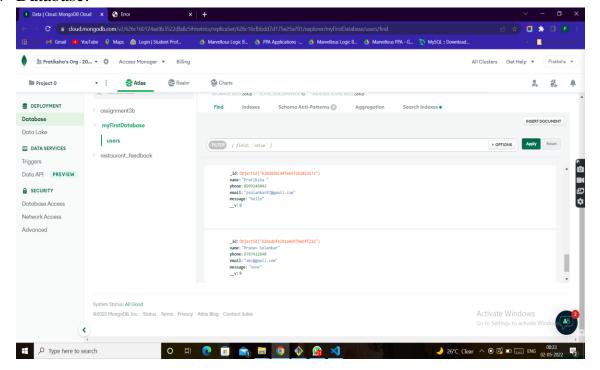

+ About :

Contact :

Database:

1.6 CONCLUSION

The proposed solution enables customers to easily navigate through the restaurant menu and get details of each dish. A responsive website frontend is implemented using html, CSS, bootstrap and ReactJS which has menu page, individual dish details page, contact us page and about page.