**MINI-PROJECT -1**

**(2019-2020)**

**Food Ordering Web Application**

**SYNOPSIS**



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10. **Abstract:**

Online Food Ordering System is a part of e-commerce. E-commerce or business through net means distributing, buying, selling, marketing, and servicing of products or services over electronic systems such as the Internet and other computer networks.

The online food ordering system gives restaurants the ability to increase sales and expand their business by giving customers the facility to order food online. With an online restaurant menu ordering system, customers can place orders online 24 \*7. Thus it is a simple, fast and convenient food ordering system giving an edge over the competition at an affordable price.

1. **Motivation:**

The previous way of food ordering through phone calls included many problems like, the staff of the Restaurant should speak to the different people talking with different accents, and sometimes there would be the background disturbances. By all these activities, food ordering might go false. But now because of [Order Online Food Delivery](https://ozfoodhunter.com.au/), all the above difficulties are solved.

Nowadays people do not have time to go outside for food, rather they prefer online ordering. It allows your customers to pay cash on receiving food at their door step. It helps to increase your brand credibility. Delicious food can be served with online food ordering system that helps you to acquire new customers.

1. **Objectives:**

The main objective of the Online Food Ordering System is to manage the details of Item Category, Food Delivery Address, Order, Customer Support and Shopping Cart. 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 etc. It tracks all the details about the Delivery Address, Order, Shopping Cart.

1. **Modules of Online food Ordering System:**

* Food Management Module: Used for managing the Food details.
* Order Module: Used for managing the details of Order
* Delivery Address Module: Used for managing the details of Delivery Address
* Item Category Management Module: Used for managing the information and details of the Item Category.
* Shopping Cart Module: Used for managing the Shopping Cart details
* Customer Module: Used for managing the Customer information
* Login Module: Used for managing the login details
* Users Module: Used for managing the users of the system

1. **Proposed Technologies:**

* **MongoDB: MongoDB** is a document database with the scalability and flexibility that you want with the querying and indexing that you need
* **Express: Express.js** is a Node js web application server framework, which is specifically designed for building single-page, multi-page, and hybrid web applications.
* **Node js: We** are using Node js as backend technology. It is an open source server environment. It uses java script on server.
* **HTML :**For user interfaces
* **CSS** : For making interfaces more attractive and stylish
* **Bootstrap 4:** For make website responsive.

1. **Features of the Project:**

* Product and component based
* Query List to any depth
* Attachments & Additional Comments for more information
* Robust database back-end
* Contains better Storage capacity
* Accuracy in work
* Easy & fast retrieval of information
* Access of any information individually.
* Easy to update information
* Work becomes speedy.

1. **Future Prospects:**

The food industry over the years has grown remarkably and has been growing at an astounding speed. Today every offline industry is following the online system; it is assumed that online food delivery would increase by 30% yearly from 2017 to 2022 across the world.

Online food & delivery marketplace has been an encouraging business idea from the start. The Explosive Growth of Online Food Ordering Portals like Zomato, Swiggy, Food Panda, Just Eat, and Grab Hub has made entrepreneurs sit up and take notice.

The popularity of such food ordering websites is estimated to rise in the upcoming years as it directly connects the customers with the restaurant personnels and makes the ordering swiftly.

1. **Requirements:**

**Hardware:**

* 500 GB Memory
* 4 GB RAM
* i3 processor

**Software:**

* Node.js
* MongoDB
* Visual Studio Code
* Web Browser

**GitHub ID:**

* https://github.com/THE-VR7/Food-ordering-web-application

1. **References and Bibliography:**

* www.mongodb.com
* https://angular.io
* https://nodejs.org
* Google for problem solving
* https://www.w3schools.com/html
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