



SYNOPSIS

ON

FoodiZone

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INTRODUCTION

FoodiZone is a web-based project which describes a process in which one can order various foods and beverages through the use of the internet, just by sitting at home or any place. And the order is delivered to the told location.

It is developed using Node JS, Express JS, Tailwind CSS, MongoDB, and used EJS i.e. Embedded JavaScript as a template to deliver the Front-end part over the website.

The project contains an admin(manager) and the user side. The management like updating food items, checking order status, and updating it, are managed from the admin side.

For the user section, the users can go through the home, about us, log in, register, cart section, and contact us pages. To order the food items, the user has to create an account and sign in or log in. The food comes with the cost as well. This project makes a convenient way for customers to buy/purchase food online, without having to go to a restaurant.

Talking about the features of this system, it contains the admin(manager) section and the user (customer) section. All the updating, and managing of order details, and food items, are from the admin section while customers can go through the site and have different options in food items and can give orders if they want. The design of this system is simple so that the user won't get any difficulties while working on it and so it is user-friendly.

EXISTING SYSTEM

In the existing system:

- All the work is done by visiting the restaurant and ordering the food.
- So, if any person lives far away and wants some variety in food, then it's not possible in that condition.
- Waiting for a long time to get a server's attention, even for a glass of water and drinks.
- Waiting a long time for food, and sometimes after half an hour also, food is not served, which irritates many a time.
- And due to delivering the order late, customer needs and requirements are also not fulfilled. And they don't get varieties in food too.

USE OF THE PROJECT

The main objective of the project is to provide online food ordering opportunities so that the users can get a variety of options in food and the process will also be very fast in delivering the food at the specified location. This project is very easy to operate and user-friendly, so everything can be accessed with just one click. There are various modules in the project explaining the details of the website so that if the customer finds any difficulty or faces any issue, then he/she can contact and take help.

It is a web-based application that maintains a centralized repository of all related information. The system allows us to easily access the relevant information and make necessary arrangements. Users can select the items and to cart and can also delete them according to the need.

Main purpose/Uses:

- To provide flexibility to the users, with the interfaces that have been developed and are accessible through a browser.
- To provide details (cost, food varieties, cart option, payment option, etc.)
- To provide the option of ordering the food and making payment.

Services provided by “FoodiZone”:

- To see the variety of food with the costs etc.
- To see destination information related to hotels, location, price, etc.
- Ordering your own food.
- View cart
- Search food through the search bar

FEASIBILITY OF PROJECT

The main objective of the feasibility study is to test the Technical, and Economical feasibility of adding new modules and debugging old running systems.

All systems are feasible if they are given unlimited resources and infinite time.

1)Technical Feasibility: Our site is supposed to be designed in such a way that it will fulfil all the basic technical needs of the user like the accuracy of the data, reliability, ease of access to any browser, and data security.

2)Economic Feasibility: In developing the project, the main thing we have to keep in mind is the cost involved in developing the project regarding the external hardware and software used. These are the things which are mandatory as we only have to inform the user or the customer about the cost and the time duration of the project.

FUNCTIONAL SPECIFICATION

Modules in the project:

- Admin- Admin manages all the information of the booking done by the customers and can perform different operations like it can give the order status to the customer i.e. order is placed, confirmed, dispatched and likewise
- User- Users can do the registration on the site. They can view the food details on the website and can order that accordingly.
- Guest User- They can view the site and look for the facilities available.

- Payment on ordered food – This module offers features that allow users to order the food according to the quantity needed and can also do the payment. User can check the order status and get information on whether their orders are placed and when it is arriving.

SOFTWARE SPECIFICATION

- Technology Implemented: MERN STACK
- Languages Used: NODE JS, EXPRESS JS, TAILWIND CSS
- Database: MongoDB
- User Interface Design: Graphical User Interface
- Web Browser: Google/Mozilla Firefox/Microsoft Edge

HARDWARE REQUIREMENTS

- Processor: i3 and above
- Operating System: Windows
- RAM: 4GB and above
- Hardware Devices: No external devices are needed
- Hard disk: 1TB and more
- Display (Screen size): 14 inch and more

ONLINE GIT REPOSITORY-

LINK: <https://github.com/aditi0206/FoodiZone.git>

FUTURE SCOPE

- The future scope includes that this website can be connected to various restaurants and when people want to place an order for the food, they can get it very easily as and when required.
- Various features on the admin side can be added. Like admin will have the options for editing the food and can add or delete customers.
- Google API can be added so that whatever location we will enter the food of that place will be available to us.
- We can add features like if the customer wants to book seats in the restaurant online and also want to order the food, then they can do both simultaneously.
- As we progress further, these concepts will reach heights of popularity. Thus, the implementation and more usage of a food ordering website will obviously make the system much more popular within few days or months.