A

PROJECT-WORK

(BASED ON FULL STACK WEB DEVELOPMENT)

ON

ONLINE FOOD DELIVERY MANAGEMENT SYSTEM

Submitted by

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<div align="center">**Synopsis**</div>

Title of the project:

Online Food Delivery Management System

Problem Definition/Vision:

To design a web for managing the current customer's requirements and their orders and transactions in their preferred restaurants via online food delivery partner.

Objective of the project:

The main motivation and reason behind selecting the topic is…

The main objective of the project is to computerize the maintenance of the food items orders and sells . This application should be able to form a bridge between restaurants and consumers. Restaurants owners must be able to sign up and list out their food items along with the price. Users must be able to sign up, view the restaurants nearby and order food items from selected restaurants.

Project Category:

Non-Relational Database Management Systems

STRUCTURE OF THE PROJECT:

a)Proposed Solution:

There will be 3 to 4 micro services , one will be of Available food items, another one will be customer and the last one will be administrator. Customer's and admin's sign up/ login portion will be their . A customer can perform addition, fetching, updation, and deletion operation over the food items.

And admin can approve the order made by the customers and processed the further action.

Service	Port	Database
FOOD-ITEM-SERVICE	3001	foodItemsDB
CUSTOMER-SERVICE	3002	customersDB
ORDER-SERVICE	3003	ordersDB
ADMIN-SERVICE	3000	adminsDB

a)1 Proposed System:

In the proposed system, the administrator can insert,delete and modify the customer record as well as their orders as per requirements. The orders and billing details can be easily maintained in this system. This project will help to smoother the process of the online food delivery services.

a)2 Module Description:

a)2.1 Administration Module: The administrator can read write information about customers , food items and orders. They can also update and delete the records as required and implementation plan.

a)2.2. Customer Module: This is one of the main modules. And contains customers records. The sub modules are

a)2.2.1 Sign up: This module contains the sign up part for the new customers.

a)2.2.2 Log in: This module contains the log in portion.

a)2.3 Item Module: This module contains the details of available food items.

a)2.4 Order Module:

This module contains the kart and customers can add items and place orders. Billing and transaction part is there , one can choose cash on delivery option or card payment option.

Language and Software tools requirements:

I am going to design and build a interactive user interface via html, css and javascript .

Then I shall develop the application programming interface using java , nosql mongodb ,spring boot micro services,Netflix tools – eureka , feign client and swagger docs and merge those gateways using api gateway micro services.

And planning to implement those things in mongoDB Repository.

1.Front -end:

Html, Css, Javascript

2. Back-End:

Java, Spring boot microservices

3. Database:

MongoDB

4.Repository:

MongoDB Repository

5.Client service: Feign Client, swagger doc and eureka

<u>Hardware requirement:</u>

OS Windows

Hard Disk: 20GB

RAM: 8 GB

<u>Future scope of the project:</u>

This project will enhance the delivery partner and the restaurants to serve more quickly and efficiently. This software will be developed in order to computerize the activities which take more time, if done manually.

Billing system will enable the customers and delivery partners to make things more faster and can get information quickly. If a customer want any information about the food item ordered ,can access it quickly.

Thanking You