

Food Ordering System

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Abstract : *The “FOOD ORDERING SYSTEM” based on web development application. Administrator will categorise the details and view the statistical data and assigning the staff such as chef and waiter. It is developed for sustaining the time period of both waiter and chef. It will be interactive with the customers who are alive in both offline and online. Here chef and waiter who are all present can easily be identified by using their login id it can be viewed by admin. Website related problems can be sent by the users by using feedback corner. Location of the restaurant can be identified by anyone easily. The user will be able to contact the reputed administrator of FOS*

Keywords: *Application, Food, Ordering, Admin*

1.INTRODUCTION

The main objective of this project is store the details of the food ordering system with Admin Management, Staff Management. This application entirely shows the process of food ordering system with the following modules such as menu, sales, order, items and staff. This system allows hotels and restaurants to increase the scope of business by reducing the labour cost. It also allows to quickly and easily manage both online and offline menu options where customers can browse and used to place order with just few clicks.

2.EXISTING SYSTEM

In existing system for giving any order users ought to visit hotels or restaurants to know concerning food things and them provide order and pay in advanced. In this technique time and manual work is needed. Maintaining vital information within the files and manuals is packed with risk and a tedious method.

DISADVANTAGES

- The food might not be nearly as good because it seems to be within the food ordering. it's judicious that one ought to opt for the reliable food ordering. principally the menu selections area unit restricted.
- If we have a tendency to continue the system, for few months it'll become repetitive.

3.PROPOSED SYSTEM

The proposed Food Ordering System helps the people who are in need of a restaurant by giving details of restaurant availability or regarding with the same restaurants. Our website work 24x7 so user can get information of NK Restaurant any time. Food Ordering System can also get easy and order of items.

ADVANTAGES

- In the proposed system consumption of time is very less.
- When there is a small family/ friends get together the women of the family prefers getting variety of food through this food ordering system, through which she can fulfil the interest of the guests and make herself free and available in just patronizing them.

4.PROBLEM DEFINITION

This project aims at maintaining all the information pertaining to food ordering, the food ordering system sets up a food menu and customers can easily place the order as per they like. Also, the online user can easily track their orders. The different menu groups available in each Order and help them manage in a better way. Aim is to provide transparency in this field.

5.OVERVIEW OF THE PROJECT

The main objective of this project is store the details of the food ordering system with Admin Management, Staff Management. This application entirely shows the process of food ordering system with the following modules such as menu, sales, order, items and staff. It also allows to quickly and easily manage both online and offline menu options where user can browse and used to place order with just few clicks.

6.MODULE DESCRIPTION

There are four modules for storage, memory and performance.

MODULES USED

- Admin
- Staff
- Feedback
- Location

ADMIN

This module consists of Item Name, Price and SNo of the product where user can view all the details of the menu and Admin can add and delete the menu details and price details, and Sales Statistics and Order Sales List. To staff username, status, role and option here admin may able to add and delete staff information.

STAFF

This module consists of Waiter. Waiter will maintain the order from the customer it will be sent to chef for preparation. Chef will maintain preparation, ready and clear of orders.

FEEDBACK

User can render their feedback to this module any changes in services or to improve the food.

LOCATION

This module describes about the restaurant location address and then route map for finding the restaurant.





7. DATA FLOW DIAGRAM

Data flow diagram informs the flow of components of a software or project. The process flow will be represented in the format of graph.

Data flow Symbols

Data flow diagram includes four properties such as

- Entity
- Processing
- Storage
- Flow of data

Symbol	Description
	Entity : Source or Destination
	Processing of the system.
	Storage area of data
	Flow of data

8. SYSTEM TESTING

System testing is a testing of hardware and software. Knowledge of logic is unnecessary for system testing.

UNIT TESTING

Unit testing deals with components of a software. It is a small part of testing. Developers are involved in unit testing. It includes functions, interfaces, and classes as a part of software for unit testing.

VALIDATION TESTING

Validation testing is that the method of checking whether or not the code specification satisfies the client want.

USER ACCEPTANCE TESTING

User acceptance testing is a client side testing. The user validates the software whether it meets their requirements. This is a final testing performed before the deployment of the software.

BLACK BOX TESTING

Black-box testing is a high level testing and it is a method of testing that the internal structure of the software is not known to the tester.

WHITE BOX TESTING

White-box testing is a lower level of testing method, whereas the internal structure of the software must known to the user.

9. SYSTEM IMPLEMENTATION

The system has been tested with live information and has proven to be error free and user friendly. After the approval of the system by each user and management the system was implemented.

10. CONCLUSION

It is concluded that project is easy to implement and easy to use. This application is used to order the food which modules such as Staff, Menu and Feedback. It helps them to tackle the problem of ordering food through online and offline.

11.FUTURE ENHANCEMENT

In future, this application may be extended by providing or ensuring quality of ordering food through numerous cities. Technology is introducing new innovations day by day, therefore reducing the time required to try and do things.

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