



INTERNATIONAL JOURNAL FOR ENGINEERING APPLICATIONS AND TECHNOLOGY

ONLINE FOOD ORDERING SYSTEM

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Abstract

Our proposed system is a online food ordering system that enables ease for the customers . It overcomes the disadvantages of the traditional queueing system. Our proposed system is a medium to order online food hassle free from restaurant as well as mess service. This system improves the method of taking the order from customer. The online food ordering system sets up a food menu online and customer can easily place the order as per their wish. Also with a food menu, customers can easily track the orders. This system also provides a feedback system in which user can rate the food items. Also, the proposed system can recommend, food, based on the ratings given by the user, the hotel staff will be informed for the improvements along with the quality. The payment can be made online or pay-on-delivery system. Form or more secure ordering separate accounts are maintained for each user by providing the man ID and a password.

Index Terms: Automated Food Ordering System, Dynamic Database Management, Mobile application, Android.

1. INTRODUCTION

The on-line food ordering system sets up a food menu online and customers will simply place the order as per they like. Also with a food menu, on-line customers will simply track the orders. The management maintains customers information, and improve food delivery service. The building management systems motivates North American country to develop the system. There are numerous facilities provided in order that the users of the system can get service effectively. Also, the system considers Restaurants also as Mess facility to the shoppers. Again, the idea comes that mostly mess users are person who are shifted for various reason in new cities. So, they are interrelated. Increasing use of smart phones is also considered as a motivation, so that any users of this system get all service on single click. Another motivation can be considered as the system will be designed to avoid users doing fatal errors, users can change their own profile, users can track their food items through GPS, users can provide feedback and recommendations and can give ratings, it will give appropriate feedbacks to Restaurants / Mess service providers. Due to lack of a full fledge application that may fulfill the client necessities by providing him food from restaurants also as from mess service, there is a need for the system. This projected system are going to be utilized by the people that keep shifting from cities to cites. As well as, it'll be helpful for the scholars finding out in numerous cities. he projected system can offer the pliability to the Customers/Users to order

from either Restaurants or Mess. It will conjointly offer Recommendations to the shoppers from the restaurants/mess house owners uploaded on a common place. In the projected system, there'll be no limitation the quantity of order the client desires. Also, same application may be used as a Start up Business for the developers. It will offer real time customers feedback and ratings at the side of the comments to the restaurants/mess owner. It provides applicable feedbacks to users, so if there is any error happened, then there will be a feedback dialog toward users. The reason why to decide on this project is that the plan behind project that's to unravel drawback of individuals that they're facing once they shift to completely different town. The system isn't just for user however conjointly for supplier World Health Organization provides food service. This system is for creating economical communication between shopper and producer of the food system which can then results in the best and effective system.

2.PROBLEM STATEMENT

The on-line food ordering system sets up a food menu online and customers will simply place the order as per they like. Also, the net customers will simply track their orders. The management maintains customer's database, and improve food

delivery service. This system additionally provides a feedback system during which user will rate the food things. Also, the projected system will suggest hotels, food, based on the ratings given by the user, the hotel staff will be informed for the improvements along with the quality. The payment is created on-line or money or pay-on-delivery system. For additional secured ordering separate accounts are maintained for every user by providing them AN ID and a countersign.

3. LITERATURE REVIEW

In [1] an automatic food ordering system is planned which can keep track of user orders neatly. Basically, they implemented a food ordering system for different type of restaurants in which user will make order or make custom food by one click only. By suggests that of mechanical man application for pill PCs this technique was enforced. The side was developed exploitation JAVA, Android and at the backend My SQL database was used.

In [2] client employing a Smartphone is taken into account as a self-evident truth for the system. When the client approach to the eating place, the saved order can be confirmed by touching the Smartphone. The list of designated pre ordered things shall be shown on the room screen, and when confirmed, order slip shall be printed for further order processing. The solution provides straightforward and convenient thanks to choose pre-order group action type customers.

In [3] there was a trial to style and implementation of digital eating in restaurants victimization mechanical man technology. This system was a basic dynamic info utility system that fetches all data from a centralized info. Efficiency and accuracy of restaurants in addition as human errors were improved by this easy application. Earlier drawbacks of automatic food ordering systems were overcome by this technique and it needs a sometime investment for gadgets.

4. PROPOSED SYSTEM

To overcome the restrictions of on top of system, an internet Food Ordering System supported net of Things is projected. It is a wireless food ordering system victimization robot devices. Android devices have gained huge quality and have revolutionized the employment of mobile technology within the automation of routine task in wireless surroundings. Android could be a UNIX operating system primarily based software package for mobile devices like smart-phones and tablets. To develop a reliable, convenient and accurate Food Ordering System is considered as a general Objective of the study. To develop a system that will surely satisfied the customer service will be considered as an objective. One of the target is to style a system that's ready to accommodate large quantity of orders at a time and mechanically cypher the bill. To evaluate its performance and satisfactoriness in terms of security, user-friendliness, accuracy and reliability is an important objective. To improve the communication between the shopper and customers is one among the target. The field style consists of three main users: - Service shopper, Owner of Mess/Restaurant, and Employee of mess. When a person shifted to new city he has to find source for hygienic and

quality food, so he/she will search and select restaurant or home-based food service based on his class and furthermore as service that's veg or non-veg. Here the main function is, in what pattern user will search the service so for that purpose a part of Geo-Hashing Algorithm is used, and GPS system should be on. Person will have the ability to look service by location that's home location of the person is detected with GPS and in step with chosen choice location of close service get searched. Another way for searching is by cost. Here user should provide input in terms of rupees that in what vary he/she want service per plate if there square measure any service supplier at intervals that space than the list will display.

Features required in app for admin are:

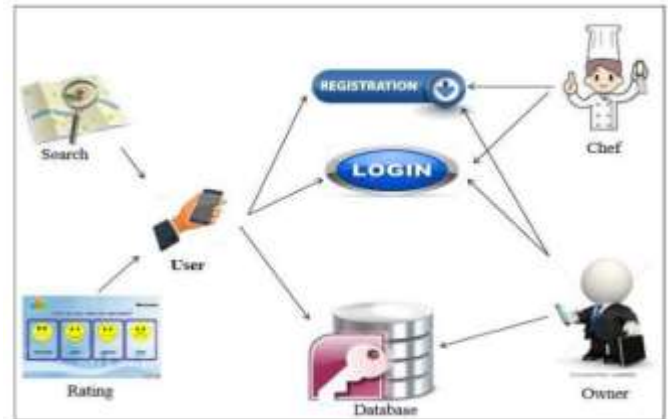


Fig-1: Online Food Ordering System Architecture

Features required in app for admin are:

- **Admin Panel Module-**The Admin has full access to the system. The Admin can view all the details, and he has the authority to change the setting of application, and much more. The Admin is provided with an id and password.
- **User Profile (Customers)-**In user profile, the users can select the menu from food category and can order it. The user have to login and then they can enter into the food category and then have to placed order.
- **Splash Screen Module -**A splash screen will occur at the starting of app ,it shows for x seconds while loading .
- **Login Module-**Admin or user need to login using login id and password.
- **Registration Module-**Registratin module will be used to enter the details of users and make the account on the app.
- **Notification Module-** Notification module will be used to send the notifications to the user regarding the order.
- **E- mail Module-**In E-mail module admin can verify the email of the user.
- **Navigation Drawer Module-**In this module all the option regarding to the account will be shown for eg, profile, favourite ,my cart, my orders..etc

- Distance Module-This module shows or keep the track of order which has been placed .

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5. CONCLUSION

The application is based on user’ requirement and is user centered. All issues related to all users which are included in this system are developed by this system. If people know how to operate android smart phone wide variety of people can use the application. This system will solve the various issue related to Mess/Tiffin service. To help and solve important problems of people implementation of Online Food Ordering system is done .

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ACKNOWLEDGEMENT

We would like to sincerely thank all the authors and reviewers for their efforts toward the success of this special issue.

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