

RAILWAY FOOD DELIVERY SYSTEM

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ABSTRACT

Our proposed system is an online food ordering system that enables ease for the customers. While travelling a long distance by train the main problem we face is food. To overcome such a problem we want to develop a mobile application through which we are ordering the food online. If the person wants to order food he/her can directly order the food so that the food is delivered directly to your seat and the cash-on-delivery process takes place between the customer and the person who delivers the food to us from the particular restaurant which we order.

Keywords

Automated Food Ordering System, Dynamic Database Management, Internet of Things, Smart Phone

1. INTRODUCTION

The online food ordering system sets up a food menu online and customers can easily place the order as per they like. Also with a food menu, online customers can easily track the orders. The management maintains customers database, and improve food delivery service. The Restaurant management systems motivates us to develop the system. There are various facilities provided so that the users of the system will get service effectively. Also, the system considers Restaurants as well as Mess facility to the customers. 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 fledged application that can fulfil the customer requirements by providing him food from restaurants as well as from mess service, there is a need for the system. This proposed system will be used by the people who keep shifting from cities to cities. As well as, it will be useful for the students studying in different cities.

2. PROBLEM STATEMENT

The reason why to choose this project is the idea behind project that is to solve problem of people which they are facing when they shift to different city. The system is not only for user but also for

provider who provides food service. This system is for making efficient communication between consumer and producer of the food system which will then leads to the ideal and effective system.

The online food ordering system sets up a food menu online and customers can easily place the order as per they like. Also, the online customers can easily track their orders. The management maintains customer's database, and improve food delivery service. This system also provides a feedback system in which user can rate the food items. Also, the proposed system can recommend 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 can be made online or cash or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

2.1 LITERATURE REVIEW

The present online ordering food economy allow users to apply a single tap of their mobile phone to order from a wide array of restaurants, so the team want to checking some literature to understanding in what reason online food delivery are quite important for people in this century. this section should situates the team research ,which is need focus on the wider academic community in the online ordering food and to identify the gap within that the literature that the research will be need to address. and the main purpose of literature review is that combine with understanding of each work, point that in which way could fulfilling the need for other research, and located the team own design in the background of existing literature is the most significant point (Ridley and Diana, 2012), through the further study of tracing the intellectual progressing, the team could ability to accumulate the methods of research and study in the literature, and it also as a basic step to be contrast consider and analysis the existing system, and give the positive feedback about the problem that existing system could not be solve it. Hence, following parts will through APP design integrity, specification, use requirement, common issues and emerging technology to analysis the role of online food delivery system in markets.

2.2 SYSTEM REQUIREMENTS

- Software

Operating system: Windows

Coding language: JavaScript, Php

Toolkit: Jdk

IDE: Xampp Server

- Hardware

System: Pentium IV 2.4 GHz

Hard Disk: 80 GB

Monitor: 15 VGA Color

RAM: 2 GB

3. PROPOSED SYSTEM

To overcome the limitations of above system, an Online Food Ordering System based on Internet of Things is proposed. It is a wireless food ordering system using android devices.

Station Name	Station Code	DELETE
MEERUT	MRT	Delete
GHAZIABD	GZB	Delete
Haridwar	HDR	Delete
New Delhi	DLI2	Delete

Train Number	Train Name	Station's List	Delete
1234	Rajdhani	MEERUT, GHAZIABD	Delete
123456	Nochandi	MEERUT, GHAZIABD, Haridwar	Delete
2345	Sampark Kranti	MEERUT, Haridwar, New Delhi	Delete

Order ID	Provider Contact	Total Bill	Status	Date And Time	More Info
14	1234567890	516	DELIVERED	2019-04-14 23:06:28	More Info
15	1212121212	800	PREPARING	2019-04-14 23:08:52	More Info
16	1234567890	846	CONFIRM	2019-04-16 03:13:29	More Info

Item Name	Price	Delete
Raita	60	Delete
Roti	10	Delete
Paratha	23	Delete
Daal Tadka	200	Delete

Home Log Out

1234567890

Order ID	User Contact	Total Bill	Status	Date And Time	Update Order
14	1234567890	516	DELIVERED	2019-04-14 23:06:28	View/Update Order
16	1234567890	846	CONFIRM	2019-04-16 03:13:29	View/Update Order

4. CONCLUSIONS

Based on the result of this research, it can be concluded: It helps customer in making order easily; It gives information needed in making order to customer. The Food website application made for restaurant and mess can help restaurant and mess in receiving orders and modifying its data and it is also made for admin so that it helps admin in controlling all the Food system. With online food ordering system, a restaurant and mess menu online can be set up and the customers can easily place order. Also with a food menu online, tracking the orders is done easily, it maintain customer's database and improve the food delivery service. The restaurants and mess can even customize online restaurant menu and upload images easily. Having a restaurant menu on internet, potential customers can easily access it and place order at their convenience. Thus, an automated food ordering system is presented with features of feedback and wireless communication. The proposed system would attract customers and adds to the efficiency of maintaining the restaurant and mess ordering and billing sections.

5. REFERENCES

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