iJRASET
International Journal For Research in Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 7 **Issue:** IV **Month of publication:** April 2019

DOI: https://doi.org/10.22214/ijraset.2019.4526

www.ijraset.com

Call: 08813907089 | E-mail ID: ijraset@gmail.com

International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887
Volume 7 Issue IV, Apr 2019- Available at www.ijraset.com

Food and Medicine Delivery in Train

Manish Kumar Pandey[1], Surya Prakash Shukla[2], Sandeep Pal[3], Ravi Kashyap[4]
[1, 2, 3, 4]*Department Of Computer Science and Engineering, IMS Engineering College, Ghaziabad, Uttar Pradesh, India*

Abstract: ***The purpose of this project "HUMRAHI" is to develop an Online Medicine and Food Ordering System in the train at specified railway station. It is a system that enable traveller to place their order online at any time,at the specified station of the city for the purpose of food and medicine. The reason to develop the system is due to the issues facing by the railway catering and many times passenger required medicine but they fail to get it because there is no option. Issues such as Unhygienity of foods,unproper Sanitation of foods and food quality.This is basically will an android project.Therefore, this system enhances the speed and standardization of taking the order from the customer and displays it to the staff in the kitchen accordingly. Beside that, it provide a user-friendly web pages and effective advertising medium to the new product of the food and offer of the restaurant to the customer with cheaper cost.Medical shops provides list of medicine they can provide for delivery with prescription or without prescription.It provides an updation module for shopkeeper so that they can manage the product and their offer according to themselves.Database and web interface are designed in that way only.***
Keywords: "Humrahi", Database management, user interface.

I. INTRODUCTION

The online food and medicine delivery in trains has menu online and customers can easily place the order as per their choice using user friendly android app and customers can track the orders in real time. The management includes customers database, and aim to improve customer satisfaction. Due to increase in number of android phone user the proposed system facilitates the customer to order food online from their birth of train and food is delivered to them within time. While travelling by train passenger may face some kind of health issues so medicine feature is added in the proposed system to provide medicines to passenger if needed. The aim is to make system error-free, user-friendly, user profile, tracking of food through GPS, user feedback. A custom search option for finding restaurants by cuisine, location, availability would also be there. A separate user account for each user helps user in app personalization and customization.

A. Factors of Online food Delivery



1) *Existing Systems:* At present in our country there are some system which provides these services like Railrestro, Travelkhana etc but there are some drawback in these system like they do not have much option to put infront of traveller to choose."Humrahi"will be unique in its design, it will be develop according to the need of the traveller so that to grow its accountability in user domain and in proposed system the feature of medicine is unique.

©IJRASET: All Rights are Reserved

B. Comparision

OTHER APP	VS	Humrahi
Less option to choose food		Will provide more option
Dont have medicine delivery facility		It will have medicine delivery
Dont have real time tracking about the train		It will have real time tracking about the train
Currently accessible in limited areas		Accessible in larger areas
.Currently used by approx. 5000 people and accessible		Aim is to cover all the mini *cities in 150 cities*

The current existing system provides only some specific set related to the foods,they did not provide much option to the customer so that it becomes complex for user to chose the things from provided option.The above mentioned comparision chart will help one to understand the things easily.

C. Design

THIS PROJECT will contain mainly two Actor:

1) Admin: This is the actor which will manage all the activity requested by the user and fulfilled by the provider.

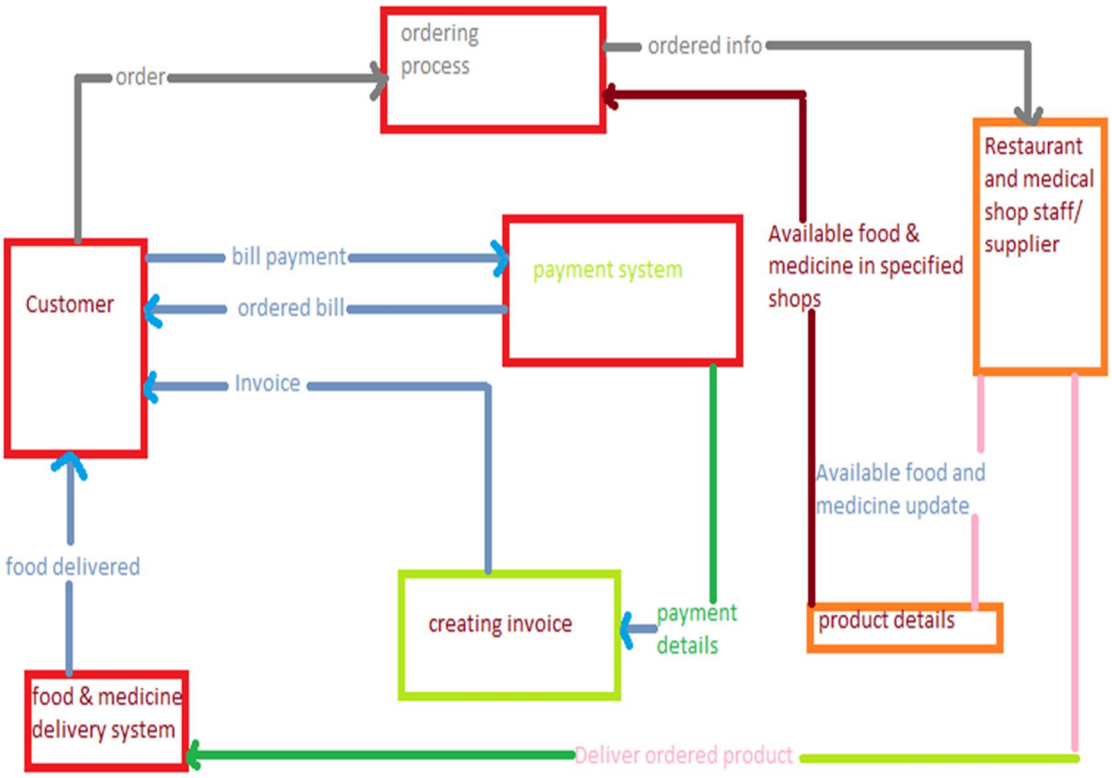
2) User: This is the actor which have to use the system.

This module will have 2 sub Actors:

a) Provider

b) Customer

We have used following tools and technologies in development of the system,for database,web interface and android we have used my sql,php,and java respectively.We have used android studio software to develop our application.Below we have a given a schematic diagram of our system.Various modules and actor functions together to execute the result of the project.



©IJRASET: All Rights are Reserved

ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887
Volume 7 Issue IV, Apr 2019- Available at www.ijraset.com

1) *Challenges and Limitation:* There is always a solution of a problem but the important thing is that we have to find out that loop holes so that we can manipulate the problem.To design a system like this to delivery in train is the just a solution of the issue faced by the traveller in train.Since,if there is a system exist then we have to find out the limitation which should be removed."Humrahi",in designing of this we have deal with the many issues,like what are the basis of this development,why are we implementing it.We have tried to find out the some intermediate way to solve out this problem.Many times,during travelling to long distances either you forgot to bring some essential medicine,so we have provided a way for solution of this issue.We provided a menu based article lists,so that customer should not face issue,they should choose whatever they want.Customer is an important actor of our system,we have provided a set of things which need them essentially so that they could manage their requirements easily.Food hygienity and quality is the important issues faced during traing journey.At present's digitalized world everyone is using a smartphone and they want to get the things at their tip of hand.So this system will help those people to get their things. The architecture of this system is easy to understand,its main objective is to provide a way for the issue of train traveller since during the journey sometimes they have to pass through the remote villages,and at some station they did not get things easily.Its our responsibility to provide the help need.
2) *Future Scope:* Along with the food delivery in trains our main concern is to help our traveller friends after adding a new feature to our project that will be medicine delivery. Any famous household commodities of a particular place, education essential like books etc features will be added and will be part of future scope.In future we want to expand our system into more domain along with food and medicine so that we could help our passengers in a smart and digitalized way.

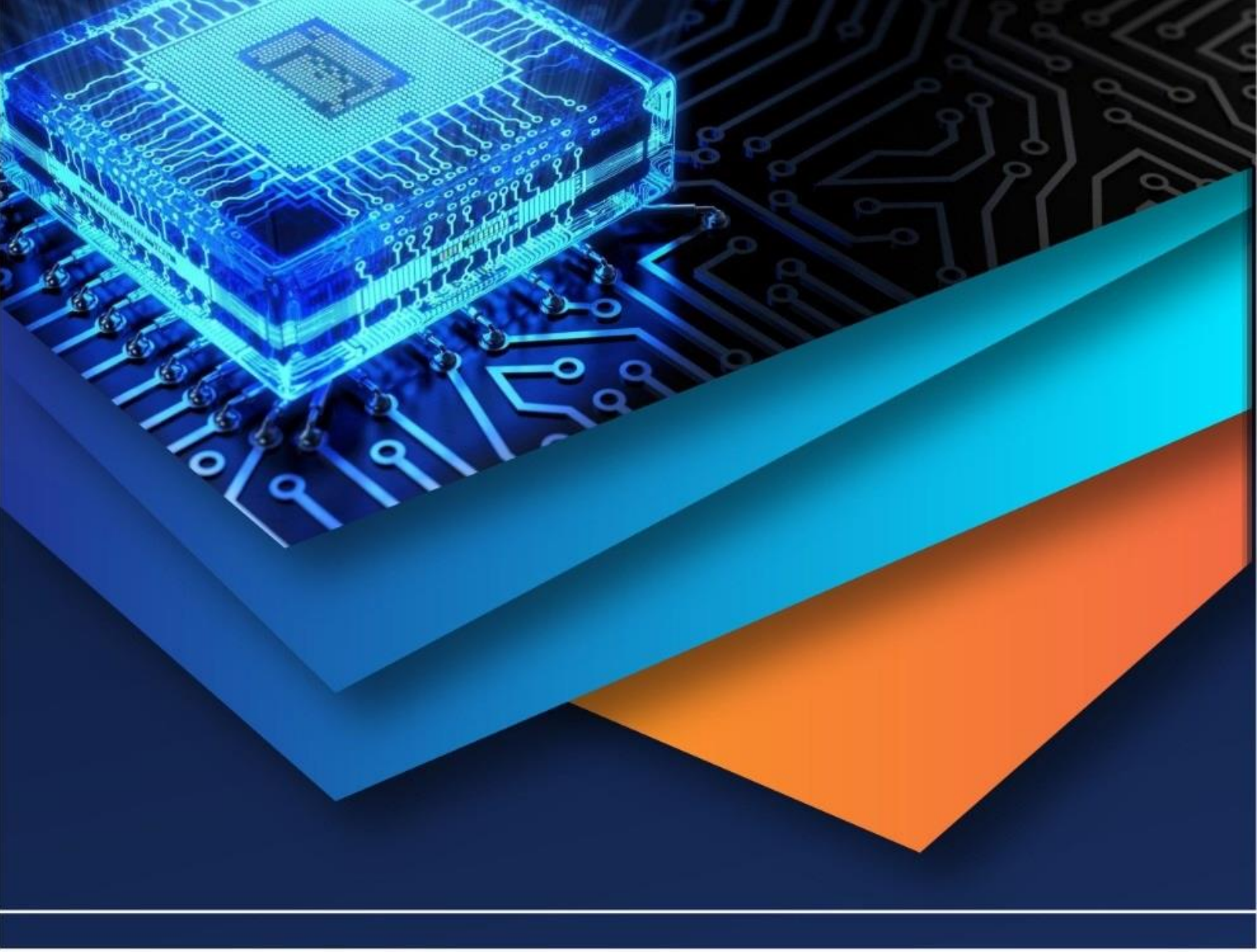
II. CONCLUSION

Implementation of Online Food Ordering system is done to provide freshly prepared food to passengers of trains and medical services.Based on the result of this research, it can be concluded: It enables customer in making order easily; It provide information required in making order online by customer.The "Humarahi" wwebsite and android application made for passenger travelling in train to order fresh food and medicine through website or android app. With online ordering system in train, a restaurant and medical shop menu/list online can be put up and the customers can easily make selection according to their requirement and can place their order.Tracking of the order can be made easily, it maintain customer's database and can improve according to the feedback the quality of delivery service. The restaurants and medical shops can even update or manipulate online restaurant menu and upload images easily. The restaurant has its menu online, customers can easily access it and place order easily. So an automated food ordering system has features of feedback to enhance the customer satisfaction level.

REFERENCES

[1] Online food delivery existing system like Railrestro, Zomato etc. "A Proposed System Based on Food Ordering System Using Android Application", International Journal of Advanced Research in Computer Science Technology (IJARCST 2015).
[2] Varsha Chavan, Priya Jadhav,Snehal Korade,Priyanka Teli, "Implementing Updatable Online Food Ordering System Using Web Based Application", International Journal of Innovative Science, Engineering Technology(IJISET) 2015.
[3] Resham Shinde, Priyanka Thakare, Neha Dhomne, Sushmita Sarka

©IJRASET: All Rights are Reserved



10.22214/IJRASET

45.98

IMPACT FACTOR: 7.129

IMPACT FACTOR: 7.429

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089 (24*7 Support on Whatsapp)