International Journal of Advance Engineering and Research Development

Scientific Journal of Impact Factor (SJIF): 4.72
Special Issue SIEICON-2017,April -2017
e-ISSN : 2348-4470 p-ISSN : 2348-6406

NFC BASED FOOD ORDER APPICATION FOR SHOPPING MALL

Jadhav Runali[1], Patel Priya[2], Pragna Makwana[3]

[1] *Department of Information Technology, Sigma Institute of Engineering*
[2] *Department of Information Technology, Sigma Institute of Engineering*
[3] *Asst. Prof. Department of Information Technology, Sigma Institute of Engineering*

Abstract-*In our system NFC Based Restaurant System is a web application package to facilitate ordering within a traditional food court. The customer is able to view the menu, place orders, and organize the final bill through the surface computer interface built into their table using NFC. Organization are able to initialize a table for customers, control table functions remotely to assist customers, confirm orders, send orders to chef (food preparation staff) and finalize the customer's bill all through their wireless tablet PC. The food staff, with their touch-display interfaces to the system are able to view orders sent to the kitchen by using NFC based menu. The system contains full accountability and logging systems, and supports manager actions to account for exceptional circumstances, such as a meal being refunded or walked out on. Customers are presented with an attractive and easy-to-use surface computer menu Waiters are able to perform all actions that the table system normally handles via their tablet PCs, so in the event of a customer being unable to operate the surface computer, the waiter can handle orders traditionally while retaining the accountability and logging functions of the system, and retaining the same channel of communication with food staff.*

Keywords*-Food court, menu, online bill payment*

I. INTRODUCTION

NFC based menu for food courts is for the smart menu as well as the customers have to not visit different food courts. They will able to seat at a one place and get the food from which ever food court they want to, these will reduce the time as well as customers would not have to wait long for they would be informed through notifications as well as mail or text message, so the customer would know in how much time their order would be placed. If the order would be delayed that would be also informed through same process. This way the flow goes on.

II. AIM AND OBJECTIVES

- We are aiming to provide a smart app which will be useful for both the users and the corporates. To reduce the paperwork.
- To make communications easy between salesman and customer.
- To reduce the time complexity.
- To solve the query as soon as possible.
- To provide better and fast service.

III. LITERATURE SURVEY

In Our App firstly the customer would enter the food court there would be various food stalls then customer would able to order from any food stall using our app .Customer can register look all the updates in our app. Customer can view all details of all food stalls i.e. all available seats ,all available foods and many more things. This would basically save the customers time and all the updates and order would be given on mobile through sms or email so it would be reliable to customer as well as the food court staff. Payment can be done through 2 modes offline as well as online. Customer once registered would be stored in database of food court and customer would also be able to review their all previous orders and payment whenever they want by login.

IV. METHODOLOGY

- Decided about using Android as front end and MySQL as back end to develop the system.
- Designing the front end step by step adding to main features as product data system and employee record system.
- Coding in Java and linking different buttons with another frame and also inter-link between buttons.
- Deciding and coding of constrains on different buttons and frame.
- Now front end and back end are linked through coding (database connectivity) in MySQL and Android.

- Website is ready to store and display the product and employee information. It is also contain the making order from Customers and send to the manager for the verification.

V. RESULTS

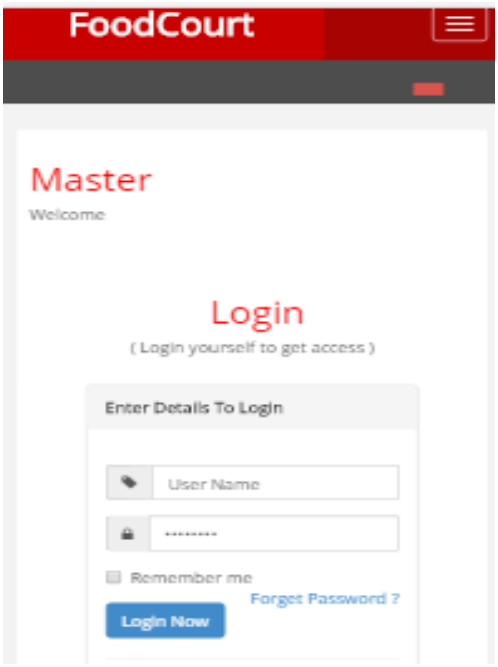

Figure 1 Login page

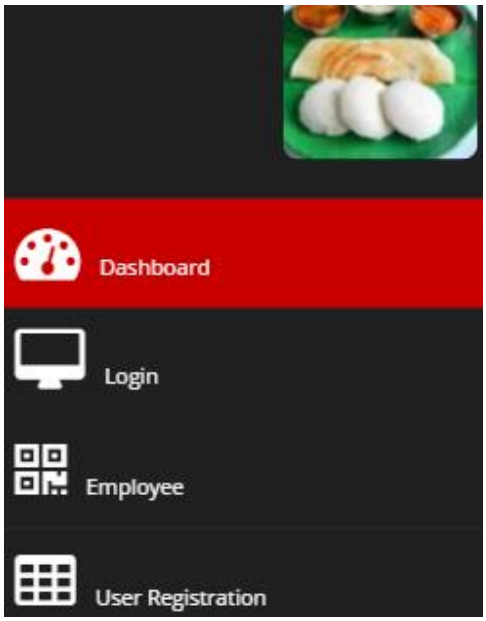

Figure 2 Home

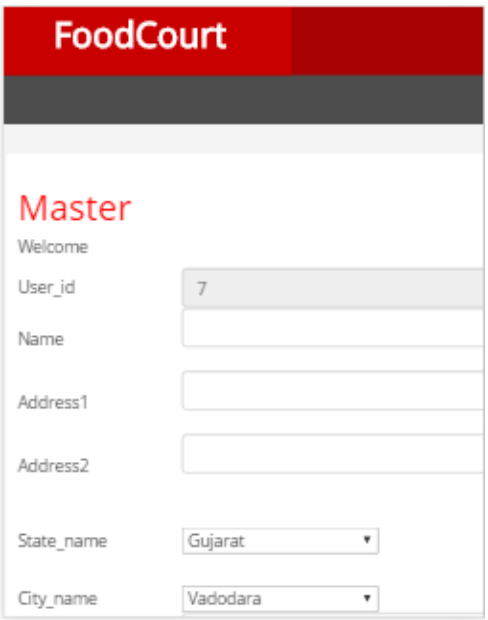

Figure 3 Registration

VI. CONCLUSION AND FUTUREWORK

It will increase the advancement in employee evaluation process as through it all record can be view on single screen. It will bridge the information gap between customer and purchase bill can be made easily and frequently. In this App, we can once fetch the customer's detail it would be stored in the system so customers

can also review their old orders and payment as well as can update their information. In this detailed product information like price, features of the food product can be compared with other competitor products. Live updates of menu and offers of food courts would be sending to customers.

REFERENCES

[1] . Parsons, G. Elkins, J. and Sigafoos, J. (2000), 'Are People with Intellectual Disabilities Just Another Customer? Interviews with Business Owners and Staff' in *Mental Retardation,* Vol. 38,
[2] . The Fairness of Differential Room Pricing,, pp. 244-252.Vol. 10,
[3] . How Hotel Guests Perceive by Wayne J. Taylor and Sheryl E. Kimes,
[4] . Wahid NOA (2014) Improve the Performance of the Work of the Restaurant Using PC Touch Screen. J ComputSciSystBiol 7: 103-107.
[5] . Banterle, A. and S. Stranieri. 2008. "Information, labelling, and vertical coordination: an analysis of the Italian meat supply networks." Agribusiness 24(3): 320.
[6] . Mohamed Nabeel, Elisa Bertino. CloudMask : Private Access Control in the Cloud, Purdue University, West Lafayette, Indiana, USA.
[7] . Surya micherandi nastution, emir mauladi husni, aciek ida wuryandari 'prototype of train ticketing application using NFC technology on android device ' international conference on system engg and technology September 11-12,2012 .
[8] . Aziza ,H, (2009), NFC technology in mobile phone next generation services, proceedings of international workshop on NFC , ISBN :978-0-7695-3998-0,20-22 April 2010,Monaco,21-26.
[9] . Baron, R.A. 1990,"Lighting as a source of positive affect" . Progressive architecture , 71,123-124.

