

International Journal of Computer Science and Mobile Computing



A Monthly Journal of Computer Science and Information Technology

ISSN 2320-088X

IJCSMC, Vol. 3, Issue. 2, February 2014, pg.721 – 728

RESEARCH ARTICLE

Integration of Touch Technology in Restaurants using Android

Sushmita Sarkar¹, Resham Shinde², Priyanka Thakare³, Neha Dhomne⁴, Ketki Bhakare⁵

^{1,2,3,4}Department of CSE, Dr. Babasaheb Ambedkar College of Engineering and Research, Nagpur, India

⁵Lecturer, Department of CSE, Dr. Babasaheb Ambedkar College of Engineering and Research, Nagpur, India

¹ sushmita.sarkar92@gmail.com; ² resham.js@gmail.com; ³ thakare20priyanka@gmail.com; ⁴ dhomneneha.8@gmail.com; ⁵ ketki.bhakare@gmail.com

Abstract— *The growing number of restaurants and population of restaurant-goers have emphasized the need to enhance the working of hospitality industry. This research work aims at improving the quality of services and business of the hospitality industry by incorporating technology. A detailed research on the integration and utilisation of technology in hospitality industries showcased that various applications based on wireless technologies are already in use enabling partial automation of the food ordering process. In this paper, we discuss about the integration of touch technology in restaurants using android. This system is a basic dynamic database utility system which fetches all information from a centralized database. The tablet at the customer table contains the android application with all the restaurant and menu details. The customer tablet, kitchen display and the cashier counter connects directly with each other through Wi-Fi. This wireless application is user-friendly, improves efficiency and accuracy for restaurants by saving time, reduces human errors and provides customer feedback. This system successfully overcomes the drawbacks in earlier automated food ordering systems and is less expensive as it requires a one-time investment for gadgets.*

Keywords— *Touch technology; Automated food-ordering system; Wi-Fi; Dynamic Database; Android Application*

Full Text: <http://www.ijcsmc.com/docs/papers/February2014/V3I2201499a35.pdf>