

# Hotel Food Ordering System Using QR Code

Sarthak Chaudhari<sup>1</sup>, Prasad Bhot<sup>2</sup>, Aniket Nehe<sup>3</sup>, Nilesh Savkar<sup>4</sup>, Prof. V. M. Bhabad<sup>5</sup>

Students, Department of Computer Technology<sup>1,2,3,4</sup>

Faculty, Department of Computer Technology<sup>5</sup>

Amrutvahini Polytechnic, Sangamner, Maharashtra, India

**Abstract:** *Now a days technology is increasing rapidly in many areas, people are always craving for faster and easier day to day tasks. Improving the business techniques in food industry like restaurants and hotels will help to increase the customer satisfaction and also reduce the time taken to the user for various activities like waiting for table, menu, and also helps for manager and chef to perform their functions easily. Smart restaurant system using QR code will reduce the manual errors which always takes place in manual restaurants like wrong food serving, billing etc. In smart restaurant system by scanning the QR code the details of restaurant was opened, here the customer can login to book the table, select the menu, and place the order without intervention of waiter. The manager can update the table status, menu status and other updates regarding restaurant. Chef can see the order details along with table number to prepare the food, which results correct delivery without mistakes. The existing systems does not include the pre-booking of the table, does not display time to receive order, no manager panel, no chef panel and no gaming applications in case of late delivery.*

**Keywords:** Restaurant, QR Code, JAVA, Bootstrap, MYSQL.

## REFERENCES

- [1]. Mayur D. Jakhete, Piyush C. Mankar, "Implementation of Smart Restaurant with e-menu Card", International Journal of Computer Applications (0975 – 8887) Volume 119 – No.21, 2015.
- [2]. Bhaskar Kumar Mishra, Bhawani Singh Choudhary, Tanma Bakshi, "Touch Based Digital Ordering System on Androids using GSM and Bluetooth for Restaurants", IEEE INDICON 2015.
- [3]. Tuhin Ghosh, Shubham bhoir, Prashant patel, Nikhil mehta, Amruta mhatre, "SMART RESTAURANT", International Journal of Industrial Electronics and Electrical Engineering, Volume-3, 2015.
- [4]. Rahul Kata rya, Om Prakash Verma, "Restaurant Recommender System Based on Psychographic and Demographic Factors in Mobile Environment", International Conference on Green Computing and Internet of Things (ICGCIoT), 2015.
- [5]. Ashwini Bankar 1, Sheeja S. Suresh, "Intelligent Restaurant - Menu Ordering System "IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 5, 2015.
- [6]. Kirti Bhandge, Tejas Shinde, Dheeraj Ingale, Neeraj Solanki, Reshma Totare - "A Proposed System for Touchpad Based Food Ordering System Using Android Application"-International Journal of Advanced Research in Computer Science Technology (IJAR SCT 2015)
- [7]. Jun Zeng, Feng Li, Haiyang Liu, Junhao Wen, Sachio Hirokawa, "A Restaurant Recommender System Based on User Preference and Location in Mobile Environment", 5th IIAI International Congress on Advanced Applied Informatics, 2016.
- [8]. Md. Ahsan Habib, Md. Abdur Rakib, and Muhammad Abul Hasan, "Location, Time, and Preference Aware Restaurant Recommendation Method", International Conference on Computer and Information Technology, 2016.
- [9]. Hassain Saeed, Ali Shouman, Mais Elfar, Mostafa Shabka, Shikharesh Majumdar, Chung Horng-Lung, "Near-Field Communication Sensors and Cloud-Based Smart Restaurant Management System", IEEE, 2016.
- [10]. Raut, Ketaki S. and Dhonde B. S. "Android Based Intelligent E-Restaurant Ordering System" - International Education & Research Journal (IERJ) 2 (India) - 2016

- [11]. Shraddha S. Dhoke, Tanvi K. Mhatre, Prof. Prashant H. Rathod, "Smart Restaurant Using QR Code", International Journal of Advance Research in Engineering, Science & Technology, Volume 4,2017.