Abstract

We propose, ‘E la carte’, an eMenu solutions employing ARM architecture is proposed for next generation dining experience. eMenu is an efficient way of catering patrons thus enriching their dining experience. The implemented design results in a decrease in the customer service time of 44% and the customer downtime by 64%. A helical antenna of gain approx 7 db is designed to provide wireless transmission of menu coded as an innovatively designed tag. An eco-friendly illumination mechanism implemented for light intensity control
Emenu Solutions using ARM Architecture for Next-Generation Dining Experience

reduces the power consumption by 25%.

References

- Kastelan I, Bednar N, Katona M, Zivkov D, April 2012. Touch-Screen Stimulation for Automated Verification of Touch screen-Based Devices, Engineering of Computer Based Systems (ECBS), IEEE 19th International Conference and Workshops on , pp. 52-55, 11-13
- Bundasak, S. ; Chinnasarn, K. Computer Science and Software Engineering (JCSSE), 2013 10th International Joint Conference
- Yoshihide Yamada ; Woong Hyun Jung, Communication system, 2006. ICCS 2006. 10th IEEE Singapore International Conference
- Hao Fang ; Yaxian Liu Artificial Intelligence, Management Science and Electronic Commerce (AIMSEC), 2011 2nd International Conference
- D. Ernst &quot;Razor: A low-power pipeline based on circuit-level timing"


**Index Terms**

Computer Science  
Artificial Intelligence

**Keywords**

Emenu  
Arm Architecture  
Rf Transmitter And Receiver  
Helical Antennas