IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 1, November 2022

Mobile Local Train Ticketing System for Non NFC

Bhor Vaibhav Anand and Prof. Rokade M. D.

Sharadchandra Pawar College of Engineering, Otur, Maharashtra, India

Abstract: Near field communication (NFC) is a set of ideas anthe technology that enables smartphones and other devices establish radio communication with each other by touch to each other or to their approach. This technology therefore, it may only be useful for high-end phones. To get over it The downside to this post is the ticketing app system of local trains using RFID technology and based on NFC concept for non NFC. This can be used by all users application without the need for NFC functionality telephones. This will make this application much simpler and more user-friendly friendly to all.

Keywords: NFC (Near Field Communication), RFID (Radio frequency identification), RFID tag, RFID reader, GPRS, Ticket system

REFERENCES

- [1]. K. Finkenzeller, RFID Handbook: Fundamentals and Applications in Contactless smart cards, radio frequency identification and near field Communication, 3rd ed. Chichester, UK: John Wiley & Sons, 2010.
- [2]. "IJCSNS International Journal of Computer Science and Network Security, VOL.12 No.2, February 2012 Manuscript accepted February 5,2012 Manuscript revised February 20, 2012 Near Field Communication(NFC)" Hussein Ahmad al-Ofeishat, Mohammad A.A. Al Rababah
- [3]. Proceedings from the national conference "NCNTE-2012" on Fr. C.R.I.T., Vashi, Navi Mumbai, 24-25 February 2012. "NEAR FIELDCOMMUNICATION"
- [4]. 2009 First International Workshop on Near Field Communication "NFC Ticketing: Prototype and usability test of an NFC-based virtual deviceTicket application." Stefano Levialdi Ghìron, Serena Sposato Department of Computer Science, Univ. Rome.
- [5]. "Handy-Ticket," O" BB, retrieved September 20, 2013.[Online]. Available: http://www.oebb.at/en/Tickets/Handy-Ticket/index.jsp
- [6]. "Touch & Travel," Deutsche Bahn, retrieved October 20,2011.[Online]. Available:http://www.touchandtravel.de/site/touchandtravel/de/dieidee/funktionsweise/funktionsweise.html
- [7]. "Fourth International Near Field WorkshopCommunication system Integration of NFC ticketing into the existing onePublic transport infrastructure"-[2012]-Rainer Widmann, StefanGr unberger, Burkhard Stadlmann, Josef Langer University of Applied Sciencesof Science Upper Austria
- [8]. NFC Ticketing system with new reverse reader approach Regime
- [9]. "M-Ticketing Whitepaper", -Copyright © 2011 GSM Association
- [10]. Dave Grundgeiger, Programming Visual Basic.Net, first edition 2002,O'Reilly Publications, ISBN: 0-596-00093-6, 464 pages.
- [11]. James R. Groff, Paul N. Weinberg, SQL: The Complete Reference, FirstEdition, Osborne/McGraw-Hill, ISBN 0-07-211845-8

DOI: 10.48175/IJARSCT-7508