

“SMART LABEL: A NEW PARADIGM FOR THE APPAREL INDUSTRY”

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ABSTRACT

Modern era is encircled by technological development. Conventional label which is a common item in apparel industry need to be replaced by smart one. In this paper several types of smart label is introduced, that are adapted in recent time. Some of the labels that are conferred here still are in emerging phase and their uses are still limited to apparel or clothing items.

KEYWORDS

Label, Smart Label, RFID, NFC, Augmented Reality, QR Code, Apparel Industry

REFERENCES

"UK Food Labelling & Packaging". Retrieved 5 Mar 2014.

Jump up^ "FDA Food Label Requirements in a Nutshell". Retrieved 12 June 2015

Wu Y, Ranasinghe DC, Sheng QZ, Zeadally S, Yu J. RFID enabled traceability networks: A survey. *Distrib Parallel Databases*. 2011;29:397–443.

Ajami S, Akbari B, editors. Isfahan, Iran: Health Management and Economics Research Center, Isfahan University of Medical Sciences; 2012. RFID in Earthquake Information Management System: Work in progress. In *Health system, risk management And Disaster*.

Landt J. Potentials. Vol. 24. New York: IEEE Institute of Electrical and Electronics Engineers; 2005. The history of RFID; pp. 8–11.

Ahsan K, Shah H, Kingston P. RFID applications: An introductory and exploratory study. *IJCSI Int J ComputSci Issues*. 2010;7:1–7.

Gabriella Arcese , Giuseppe Campagna , Serena Flammini and OlimpiaMartucci, Near Field Communication: Technology and Market Trends, *Technologies*, 2014, 2, pp. 143-163

NFC Forum, www.nfc-forum.org. Available online: <http://www.nfc-forum.org/resources/faqs#howwork> (accessed on 29 April 2014).

Ortiz, S., Jr. Is near-field communication close to success? *Computer* 2006, 39, 18–20.

Yaqub-Undergraduate, M.U.; Shaikh-Undergraduate, U.A. Near Field Communication—Its Applications and Implementation in K.S.A. 2012. Available online: http://www4.kfupm.edu.sa/ssc/4845_MohammedUmair_Yaqub.pdf (accessed on 29 April 2014).

Madlmayr, G.; Langer, J.; Scharinger, J. Managing an NFC ecosystem. In *Proceedings of the 7th International Conference on Mobile Business, 2008 (ICMB '08)*, Barcelona, Spain, 7–8 July 2008;pp. 95–101.

Robin Ashford, “QR codes and academic libraries”, *ACRL TechConnect*, November 2010, pp. 526-530

Jae Hwa Chang, “An introduction to using QR codes in scholarly journals” *Science Editing*, 2014;1(2):pp. 113-117

Denso Wave Incorporated. QRcode.com [Internet]. Aichi (JP): Denso Wave Incorporated; 2014 [cited 2014 July 28]. Available from: <http://www.qrcode.com/en/>
<https://www.vrs.org.uk/augmented-reality/>

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