Examining the Structure of QR Codes to Improve Encryption and Decryption

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Abstract: *Black and white barcode have become utilised in the past decade to encode more data per square unit. The barcode is a series of bars and spaces organised in a certain pattern. It exemplifies the appropriate approach to provide knowledge. Data is retained gradually in 2D matrices. Such codes are known as two-dimensional shapes codes. Many applications are briefly explored, as well as the structure, symbology, and features of barcodes. Throughout 2007 and 2010, this study paper discussed ways to provide QR codes using word processing software. The major goal of the study is to design and grasp QR code technology in the context of today's society. Component, formatting, style, styling, insert are all terms.*

Keywords: QR Codes.

REFERENCES

[1]. Tan Jin Soon, Executive Director, and Epcglobal Singapore Council," Section three QR Code".

[2]. ISO/IEC 18004: ISO Standard on QR Code 2005 Bar

[3]. Handbook of Augmented Reality.Springer

[4]. QR Code.com. Denso-wave.com. Retrieved 23 April 2009.

[5]. ISO/IEC 18004: ISO Standard on QR Code 2005 Bar Code Symbology Specification

[6]. Wakahara, Toshihiko; Yamamoto, Noriyasu; "Image Processing of 2-Dimensional Barcode", Conference on Network-Based Information Systems (NBiS), 2011 14th International.M. Young, The Technical Writer's Handbook. Mill Valley, CA: University Science, 1989.

[7]. Japanese Industrial Standards, "Two Dimensional Symbol-QR-Code-Basic Specification" JIS X 0510, October 2004.

[8]. T. J. Soo, "QR Code", Synthesis Journal, pp..59-78 2008.

[9]. http://www.ijcsmc.com/docs/papers/december2012/V12012 1203.pdf

[10]. http://www.uwlax.edu/urc/JURonline/ PDF/2012/probst.ali.pdf

[11]. J. Gao, V. Kulkarni, H. Ranavat, Lee Chang Hsing Mei. A 2D barcode-based mobile payment system. In Third International Conference on Multimedia and Ubiquitous Engineering (2009), pp. 320–329.

[12]. Google. QR Code interest, 2013.

[13]. http://www.google.com/trends/explore#geo=FR-J&q=qr+codes. Accessed 23 May 2013

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