

USE OF QR CODES IN MOBILE WEB-BASED SALES AND MANAGEMENT APPLICATION SYSTEMS

***(Case Study: Gelora Mobile Shop, Pematang Raya, Kec. Raya, Simalungun
Regency, North Sumatra)***

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ABSTRACT

Gelora Mobile Shop operates in the sales sector such as office equipment and electronic equipment. The current management and sales system is carried out manually, namely writing on paper receipts as well as managing stock of goods. This system makes it difficult to track and check goods that have been sold and available stock. From this problem, a system is proposed, namely the use of QR Codes in the Management and Sales Application System which consists of two applications, namely web and mobile. The mobile application functions to access data more quickly by scanning item codes, the web application with a QR Code Generator to manage item data and create QR Codes based on item codes. The method used is 1) Data collection and problem identification through observation, interviews, 2) System design analysis, 3) Application program & testing design. The results of this research produce a program that operates on web and mobile platforms which aims to simplify transaction printing, bookkeeping and management of goods or products.

Keywords: QR Code, Mobile Web, Management and Sales, Application