

RANCANG BANGUN APLIKASI PENGOLAHAN STOK BARANG MENGGUNAKAN QR CODE DAN PERANGKAT JAMAK ANDROID

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ABSTRACT

This inventory management aims to optimize the recording of incoming/borrowed and outgoing/returning items in order to obtain accurate information for restaurants. Inventory management must maintain a balance between shortage and excess inventory in a planning period, in which there is risk and uncertainty. This is influenced by the level of demand from consumers. To avoid uncertainty in the amount of inventory, it is necessary to prepare a stock of goods in safe quantities. QR Code (Quick Response) provides a fast, easy, convenient, accurate and automated data collection method. With the increasing application and popularization of wireless communication and mobile device technology, two-dimensional barcode technology has been used for production, logistics and sales. Android is an open source operating system based on Linux with an open platform for developers to create new applications. Android OS is considered to be growing rapidly and beating well-known vendors such as Microsoft Mobile, Palm OS or iPhone.

Keywords: Stock Goods Processing, QR Code, Android.