

Title: Scandroid: A Mobile Application for Scanning Barcode of Items using Bayesian Algorithm

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ABSTRACT

Barcode can be seen everywhere such as on ID's, products, items, and anything that can be purchased in a supermarket, grocery and department stores. All things that have barcode can be easily identified by the scanner devices. This way, many companies are using barcode to help improve their business and increase the number of customers.

Since technologies are now increasing, a lot of scanner devices are developed. Here comes the Scandroid which is a mobile application for scanning the barcode of items. This kind of application will help every consumer in a supermarket to know the latest price of an item. By using this mobile application, customers do not need to ask someone to know the price of the product. The said mobile application is free, accurate, and easy to use. Furthermore, this mobile application has many features that are customer friendly.

Keywords: Mobile Application, Scandroid, Barcode, Bayesian Algorithm