MyMobiHalal 2.0: Malaysian Mobile Halal Product Verification using Camera Phone Barcode Scanning and MMS

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Abstract

With the steady growth and affordability of camera phones, more mobile applications are necessary. Nowadays the mobile industry began to pay more attention to barcode applications for domestic users need. This paper describes a mobile-based support application for Muslims to identify the Halal status (prepared in accordance to Islamic law) of the product using mobile device. We argue that our MMS camera phone-based application is an economical and effective way to speed up the Halal verification process as opposed to text entry in SMS. This paper discusses the barcode concept and its applications in consumer product industry. First we analyze the issue of Halal among the Muslim consumers and how mobile technology can be used. Then we discuss the framework and design of our system that we called MyMobiHalal 2.0.

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