Universiti Teknologi MARA

Mobile Summon System Using EAN Code

Mohamad Ariffarhan Bin Mohd Sabri

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"In the name of Allah, the compassionate, the Merciful, Praise be to Allah, Lord of Universe, and peace and prayers be upon His Final Prophet and Messenger"
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ABSTRACT

Barcodes are used in many different applications and environments with various applications created to read or scan barcode. In most cases, a handheld scanner is enough, but in other environments where the volume of information is very high and time is critical, hardware scanners aren't the best choice. In such situations, a mobile device is used to replace the hardware scanner to complete the barcode scanner activity. Besides, using the latest mobile technology system, android based devices can perform a better scanner activity to scan the student 1-D barcode in their metric card. Mobile devices act as tools to scanned and the summon process also implemented in Mobile Summon System uses EAN Code (MSSU) application. This camera and barcode reader technology can create a new summon active process which are proven by another application which use the barcode system are more efficient and accurate. In this paper I present the methods on Mobile Summon System using EAN Code, which solves the common summon activities issue arise in the general summon process. In this paper, the process of methodology consists gathering information, data collection, system design, implementation and result analysis are discussed in the order EAN Code to work on mobile devices and the system application will expand its usage mainly focus on creating a better environment in Universiti Teknolologi MARA (UiTM) Terengganu campus Dungun.

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