

Anti-Counterfeiting on Product using SHA 256 and QR Code

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Abstract: Quick Response (QR) codes are an effective method for this project's Quick Response (QR) codes give a strong solution to combat the Practice of manufacturing counterfeit goods. When a product's QR code is connected to a block chain, a QR code scanner may detect counterfeit goods. As therefore, this system may be utilized for storing product information and its special code as a set of database blocks. It asks for the user's special code, then compares it to entries in the Block chain database. The consumer will then be notified whether the QR code matches; if not, the customer will be informed that the goods is a fake.

Keywords: QR (Quick Response), SHA 256(Secure Hash Algorithm), Android OS, Block Chain

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