

Review of: "A Security Framework for the Mobile Application Using Color Barcode"

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Potential competing interests: No potential competing interests to declare.

The author's goal is to establish a QR code framework for the concept of key protection, which is meaningful. However, the author did not reflect the corresponding work in the article, and the quality of the article is not high. It is recommended that the author carefully review the article to improve its readability and quality. The issues with the article are as follows:

1. The images throughout the article are relatively blurry, and the arrangement order of the images is not accurate (as shown in Figures 3 and 4).
2. The blue channel and other items mentioned in the abstract should be consistent with others and should also be marked with capital letters, and check the details of the article to avoid any unnecessary symbols.
3. Regarding the literature survey in the second part of the article, it is recommended to indicate the source, and in the literature citation section, the article needs to reflect where to cite.
4. The security analysis section does not include attack testing, and there is no complete testing to prove that the framework is secure.
5. What are the substantive differences between the framework proposed in this article and the scanning login of commonly used software such as WeChat and QQ?
6. If each QR code contains different information, will the QR code automatically refresh if the mobile user does not scan it within a fixed time period? If it will automatically refresh, will the information contained in the next QR code be the same as the previous one? If it is the same, how to avoid users and non-users from scanning adjacent QR codes but getting the same information? If different, how can we solve the problem of users not scanning the generated QR code within the specified time?