Abstract

Initially barcodes have been widely used for unique product identification. QR (Quick response) codes are 2D barcodes that can be used to embed not only product information, but also text, web URL, audio, video, phone contacts, and much more. Our project "Reversible data hiding using QR codes for android" is mainly concerned with generating and scanning of QR codes on android smart phones and also we planning to use QR code for authentication. The aim of our project is to compress the size of data thus helping the users to share data efficiently and make authentication more efficient using QR code. Our project aims at minimizing the memory requirements for storing different types of data on mobile phones, by directly redirecting to a specific webpage for the same.
Reversible Data Hiding using QR Codes for Android

References

- Enhancing the Data Capacity of QR Codes by Compressing the Data before Generation-Nancy Victor Centre for Information Technology and Engineering M. S. University


Index Terms

Computer Science

Security
Keywords
Reversible data hiding  Android smartphone  QR Codes  Authentication