E-Authentication System using QR code and OTP.

Abstract:

Electronic authentication systems play an important role in securing user data and ensuring privacy in various applications. However, traditional authentication methods such as passwords and security questionshave become vulnerable to cyberattacks.

To address these issues, an electronic authentication system using QR codeand one-time password has been proposed .

The proposed system aims to provide a secure and easily authentication process for users. The system generates a unique QR code for each session. For authentication the user scans the QR code using his phone's camera, and a new session is added within his account sessions, and then receiving a one-time password (OTP)via his own email.