Vehicle Documents Verification System using Advanced Digi-locker System

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Abstract

All over the world, as per the Motor Vehicles Act of the respective countries, it is compulsory to that citizens always carry the original hard copy of documents like (Registration certificates book, vehicle pollution under control, certificate vehicle Insurance policy). Many times citizens do not remember to carry the vehicle-related documents. When traffic police wanted to verify citizens documents at that time citizens need to carry these documents with them otherwise they need to face consequences. To overcome this problem, the proposed system will have an RTO server, where all necessary documents of the vehicle documents are scanned and stored. The Quick Response code (QR Code) is Japanese fast readable technique which scans documents of the citizen’s vehicle. The real-time android application will be used of QR code generator of citizen's documents and QR-code receiver for scanning purposes. The Traffic police will scan a unique QR Code generator for user mobility. In proposed system whenever citizens documents get expired at that time it will send notification alert. This system will help in saving a significant amount of time. To avoid intrusion of citizens original documents, so noisy QR-code will be used to provide privacy.
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Index Terms

Computer Science
Information Systems

Keywords

User android application, Verifier Authority Android application, RTO cloud server.