A B S T R A C T

Today, Communication technology development (information and telecommunication) have been increased rapidly, so it caused the use of any kind of information. At this moment, the kind of information is not only based on text or voice, but also based on image, weather it is a still image or moving image. The quality of information is a parameter in consuming it, especially when time, accurate, and operational efficiency become significant.

One method that is raised is automatic vehicle plate recognition by using OCR (Optical Character Recognition), that use manipulation technique to detect, normalize, and enhance the image, and then extract the character on the vehicle plate.

AVPR at Parking Gate is a software to detect and recognize the vehicle plate automatically, by using a camera that placed at parking gate, so that could result an information, such as; plate number, entry and out time, and parking fee.

AVPR at Parking Gate application is operated at Personal Computer (PC) system, built with Microsoft Visual Basic 6 toolkit and HALCON (*Version* 7.0.2) with HDevelop (*version* 4.0.2) as its programming language.

Keywords : *OCR, AVPR at Parking Gate*