



# FINAL YEAR PROJECT REPORT

ANPR

By

Ahmad Raza

(14619)

Shehzad Raza

(15725)

Supervised by

Miss Nabiha Faisal

Bahria University Karachi Campus

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## ABSTRACT

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**ABSTRACT**

ANPR (Automatic Number Plate Recognition system) is well known system currently been deployed various countries. The current project exhibits a simple ANPR that has been developed using open source technologies such as (Aforge .net and tesseract) as its importance is growing so as the developers providing their libraries which enables us to use image processing algorithms just writing 2 to 3 lines of code. In this ANPR morphological operations and blob processing are used to locate the number plate and then an open source OCR is used to detect the characters of the number plate. On the basis of recognition the characters are verified with database records and if the records are matched the vehicle is allowed to park in the university premises.



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