

## ABSTRACT

Lately, congestion has become a common problem in some parts of Indonesia in Jakarta. The number plate is the identity of each vehicle. Every region in Indonesia has identity plate number as an example Jakarta area begins with B, Makassar begins with DD and many others. Each four-wheeled vehicle also has different plates. The amount that is being done by vehicle drivers who sometimes endanger other fellow riders. So it is needed a system that can read the license plate of vehicles that can reduce the congestion by applying the odd number plate system.

Therefore the authors are motivated to make the final project with the title **Implementation of Iot In Scanner and Detection Plate Number Odd Even Based Web and Android** to reduce congestion on the streets. Initial clause that we identify the license plate of the vehicle, after which the camera will be connected with Raspberry pi that has been detected and will enter the database and passenger vehicles will be affected by web application using PHP & MySQL that has been created and biased also accessed via Android if we want to see vehicles that have been violated.

In the system implementation will be explained about the processes that occur in the program. Each chapter will be explained and explained in each process. Then the process will be divided into 3 main processes of designing the Web interface, the design of the Android interface and database design. Thereafter the Application may display violation data and the overall test result is eligible for dissemination.

*Keywords: PHP & MySQL, Android Studio*