

# Electronic License Management

Saurabh A. Dhon<sup>1</sup> Dhulappa B. Borkar<sup>2</sup>

<sup>1,2</sup>Department of Civil Engineering

<sup>1,2</sup>Fabtech College of Engineering & Research, Sangola, Solapur, Maharashtra, India

**Abstract**— Dynamic the Electronic License administration serves to both the client and activity police when this framework is connected. It additionally safely distinguishes the records of vehicle whenever anyplace. The Electronic permit is a superior method to convey vehicle permit whenever anyplace. This is our one answer for enhance the activity principles and controls likewise to limit the defilements and help to the RTO officers. For utilization of this framework need to coordinate the whole vehicle related archives and store to the each and singular record of client and give them one of a kind code for ID.

**Key words:** Electronic License, Traffic Rules & Regulations, Management

## I. INTRODUCTION

Electronic permit is a simple method to convey the vehicle related records. Likewise it disentangles the checking of driving permit. Presently a days there is an enormous issues clients are confronting, when the client overlooked the driving permit and began venture without driving permit on a vehicle the client has opportunities to get by the movement police. This is a noteworthy issue now Days everybody is confronting. Subsequently this is our one answer for this issue. It additionally changes the administration of vehicle related archives and effortlessly gets to the record utilizing electronic machine. From the perspective of defilement this is great answer for limit the equivalent. Every single record of the fine will be consequently submitted to the server of government. By the electronic machine by means of web

## II. GENERAL METHOD OF LICENSE CHECKING VS E-LICENSE

All in all technique for driving permit checking the movement police gets the general population accidentally anyplace, if the general population have driving permit at that point activity police will abandon them generally the police will charge them according to run the show. In this framework we have driving permit yet we have to pay fine due to the misery this issue we are confronting now a days.

In Electronic permit administration framework when individuals overlooked there driving permit they won't stress over that, since they have Electronic permit with them in a roundabout way. At the point when the movement police get individuals, People basically need to give one ID number to the activity police he will look through that number on the machine and locate the driving permit and all other vehicle related reports of that specific individuals quickly. This is the basic and simple strategy for both the movement police and individuals.

## A. Block Diagram



Fig: 1. Block Diagram of Proposed System

## III. WORKING PRINCIPLE

For the utilization of this framework the client should change over their normal plunging permit into the electronic permit. For the change the client need to give every one of the information of vehicle and also the biometric information of the client to the administration specialist for record opening. After this procedure the client will get one extraordinary code number of that record. After this procedure the data of each and unique individual is secured on server of government.

At the point when the client is going on the vehicle notwithstanding when they overlooked there driving permit they won't Stress for the equivalent. The client simply need to give that ID number to the movement police, the activity police will look through that number on web utilizing that machine and locate the all vehicle related records quickly. This is the working of the Electronic permit administration.

## IV. TOOL METHODOLOGY

The apparatus which is utilized for this venture requires web association. The gadget comprises of the accompanying segments.

### A. External parts

- 1) *Display*  
Indicates client data about the vehicle information, and also the exchange. The drove show is utilized.
- 2) *Keypad*  
To put the contribution to the machine keys are used.(9 catches for info the esteem and 4 menu keys)
- 3) *Thumb Scanner*  
Thumb scanner for the examining of biometric information of the specific client
- 4) *Swapping Service*  
Swapping for card installment of our fine.
- 5) *Printer*  
Prints the exchange and receipts of the fine.
- 6) *Other segments* -, for example, charging opening, utilize space for getting to the information physically, switch for on/off

### B. Internal Parts

- 1) *Central PC Framework*  
This is the principle unit of the machine and it assembles and conveys data to the outside sources; sends data for the presentation

- 2) *Memory Chip*  
a) *Integrated Circuit*  
Stores the data (framework program and so forth.)

jntayi@mubs.ac.ug Faculty of Computing and  
Management Science Makerere University Business  
School P.O. Box 1337 Kampala, Uganda

#### V. DESIGN OF MODEL

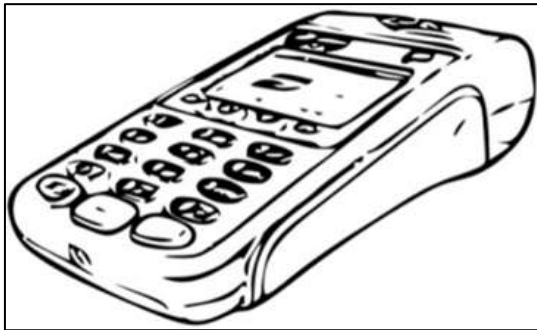


Fig. 2: Design Model of Proposed System

#### VI. EXPECTED RESULTS

At the point when this electronic permit administration is connected in the rush hour gridlock framework certainly it is exceptionally valuable for both to the client and movement specialist moreover.

Utilizing is somewhat innovation there is likewise opportunities to limit the debasement and manage the movement guidelines and controls

#### VII. CONCLUSION

At the point when this framework is connected in rush hour gridlock tenets and controls the work will be done effortlessly and precisely. It likewise stays away from the extortion happens when checking of driving permit, additionally helps for the general population for their overlooked

#### VIII. FUTURE EXTENSION

In up and coming years our nation is begun venture towards the computerized India. Henceforth this is the one stage to accomplish the equivalent likewise in advanced India, the innovation is exceptionally useful for the electronic permit administration since it needs the web association whenever that is the reason there is need of system thus in up and coming years this issue additionally get unraveled.

#### REFERENCES

- [1] Automatic E-Challan Management System Manoj Kumar Srivastava, Shyam Singh, Binoty Sharma, Saksham Pratap Singh Information Technology SRM University, NCR CAMPUS
- [2] Traffic Violation Management Web Application with Online Tracking and Fine Payment Priyanka Maity<sup>1</sup>, Aamir Shaikh<sup>2</sup>, Saishree Dandela<sup>3</sup>, Samata Choudhary<sup>4</sup> 1,2,3,4 Computer Department, Dr. D.Y Patil School of Engineering
- [3] SOCIAL NORMS AND COMPLIANCE WITH ROAD TRAFFIC RULES IN URBAN AREAS: INITIAL IMPRESSIONS OF DRIVERS IN KAMPALA, UGANDA FREDDIE F. MAWANGA\* JOSEPH M. NTAYI\*\*  
\*ffmawanga@yahoo.co.uk,  
fmawanga@mubs.ac.ug \*\*ntayius@yahoo.com,