Online Toll Payment

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ABSTRACT

Toll tax is collected to recover the whole capital outlay which incorporates the price of construction, repairs, maintenance, expenses on toll operation and interest on the outlay. The new facility therefore created ought to offer reduced period and exaggerated level of service. during this the personal organization finances and constructs the ability and recovers the capital from the users within the type of toll tax. Currently a day's there's a large rush within the toll plazas so as to pay the toll tax. thus so as to reduce the traffic jam and to avoid wasting time. This project shows, paying toll tax through on-line, so that users will save time and traffic is reduced.

Keywords: Toll Tax, Traffic Jam, Toll Plaza.

I. INTRODUCTION

Tolling as a way of finance the facility is turning into a lot of common within the us. Neither the traveling public nor State Departments of Transportation need vehicles to prevent or slow down to pay to use a toll facility. to the present finish, many technologies, jointly referred to as Electronic Toll collection (ETC), are developed within the last fifteen years, permitting drivers to maneuver in and out of toll systems directly. Open Road Tolling (ORT), with all-electronic toll assortment, is currently the well-liked follow, being a lot of economical, environmentally friendly, and safer than manual toll assortment. during this analysis product, tolling technologies and practices area unit mentioned. doubtless developments and enhancements area unit reviewed, in conjunction with potential tie-ins to alternative Intelligent Transportation Systems (ITS) deployments. Ultimately, this research can develop recommend ations for vehicle identification/registration systems with the potential to travel beyond the tolling operate to incorporate alternative fascinating facility management functions.

In existing system all the process of the toll payment is controlled manually i.e., the person has to open or close the gates and have to collect the money from the drivers. It consumes a lot of time and there is a large scope for traffic jam. There increase the heavy traffic. And a lot of fuel is wasted for the drivers.

In proposed system we are going to provide an app in which the driver can see the nearest toll gates from his place and then pay the money in online. The information is reached to the admin and he will send the acceptance message to the driver. Admin will get the information details of the driver and he can view the paid messages. By this process a lot of fuel is saved and time for the drivers. This generally reduces the traffic. As it is a online process manpower is generally going to be reduced.

II. MODULES

This app contains the following modules whose actions are as follows

Admin

Driver

Admin

In this module the admin has to login first and then add the toll gate details. He can also add the fare for the toll gate. He can update the details of the toll gate whenever required. He can also view the paid messages of the driver.

Driver

In this module driver has to register first and then login by using his/her credentials. He then see the nearest toll gate and its fare. Then he selects the toll gate and paid money to the particular toll gate admin.
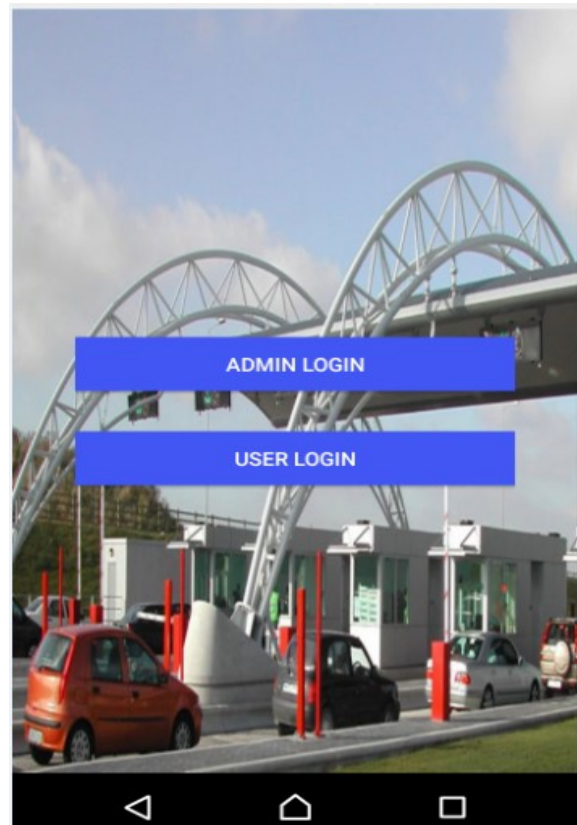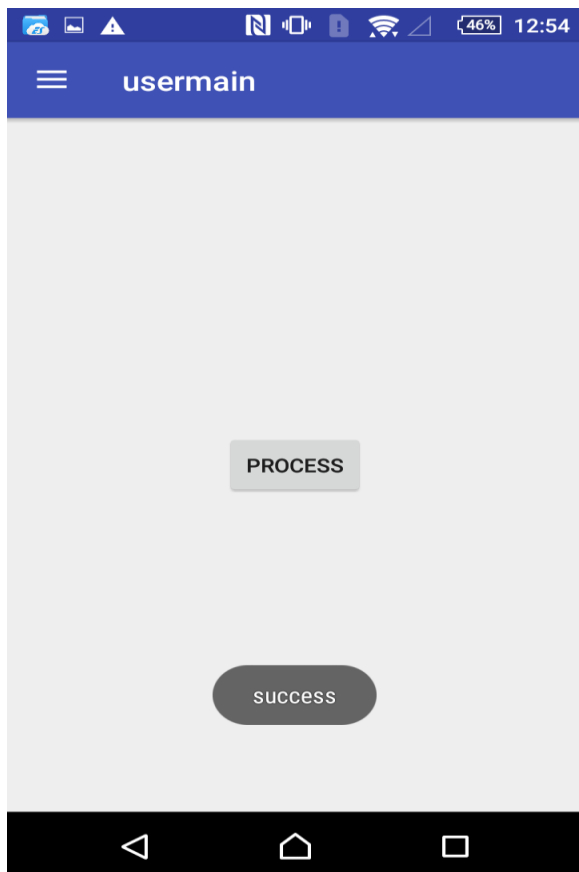
Results:

Figure 1
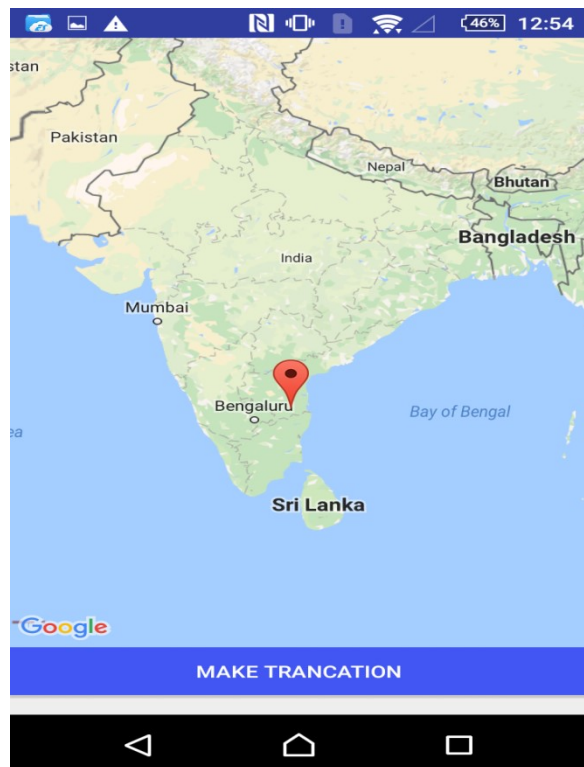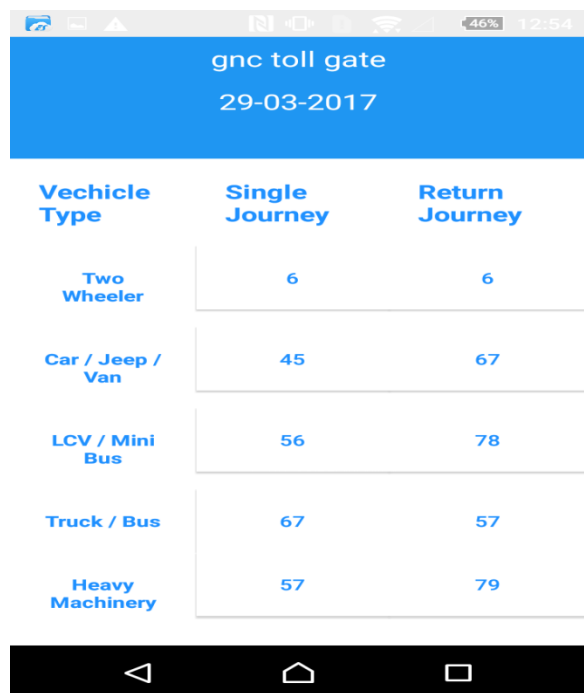

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

Vechicle Type	Single Journey	Return Journey
Two Wheeler	6	6
Car / Jeep / Van	45	67
LCV / Mini Bus	56	78
Truck / Bus	67	57
Heavy Machinery	57	79
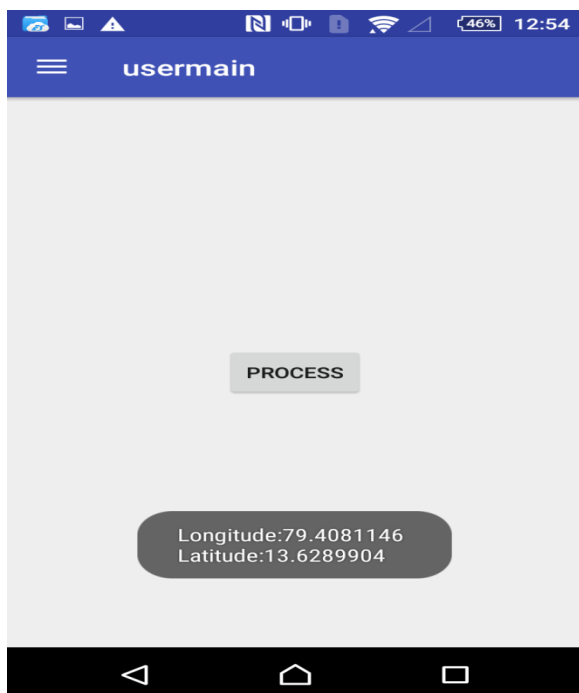
gnc toll gate
29-03-2017
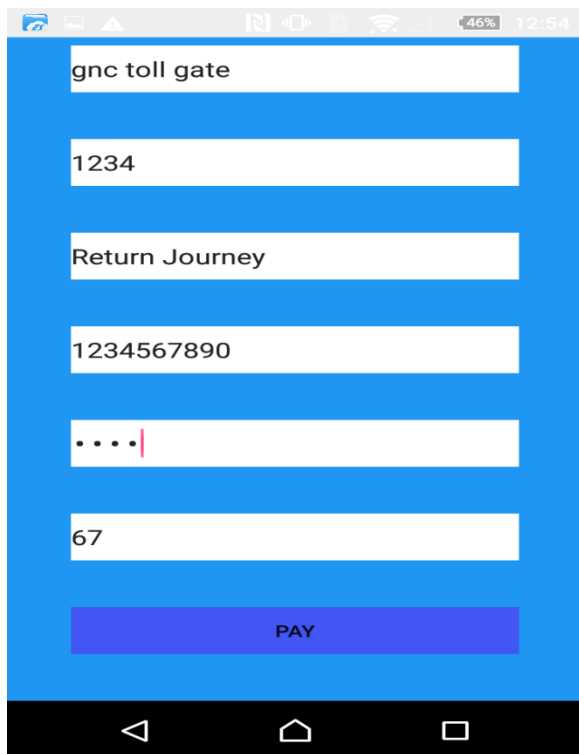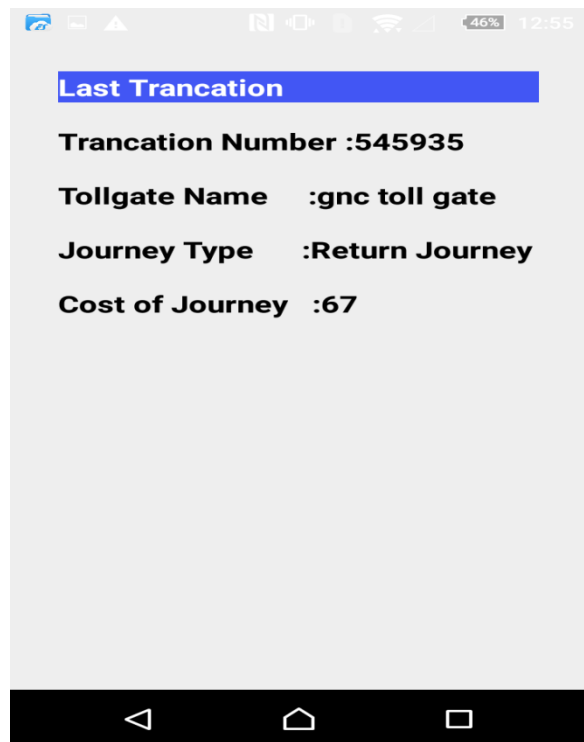
Figure 6

Figure 7

Figure 9

Figure 8

Figure 10

Figure 11

Figure 12

III. CONCLUSION

In this the private association funds and develops the office and recoups the capital from the clients as toll assess. Presently a day's there is a gigantic surge in the toll squares keeping in mind the end goal to pay the toll charge. In this way with a specific end goal to diminish the road turned parking lot and to spare time. This undertaking appears, paying toll assess through on the web, with the goal that clients can spare time and activity is lessened.

In this project mainly user can select the nearest toll gate and can pay the money to the particular toll gate admin. This usually lessen the staff required at toll gate and also reduces the traffic.

IV. REFERENCES

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