

# SMART BUS TICKETING SYSTEM

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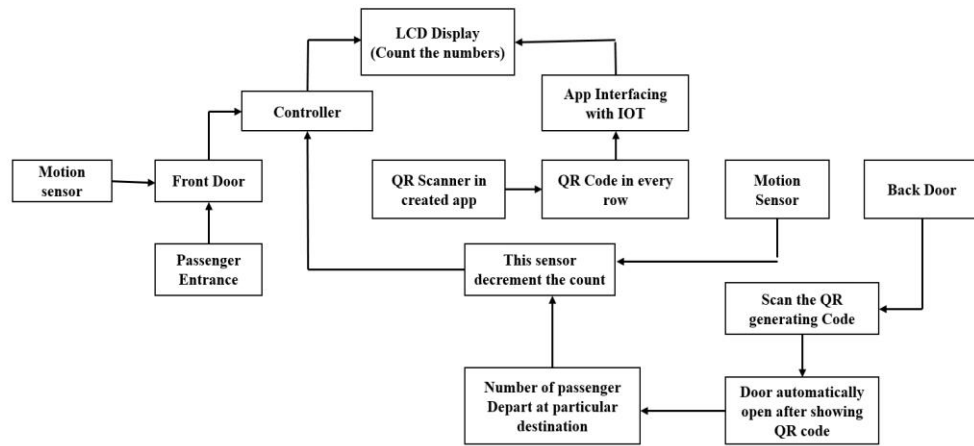
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## Abstract:

Our smart technology helps passenger to buy a ticket in smart way. In this paper presentation we proposed the new model of technology in travelling system without conductor. To make a journey sophisticated this paper will surely help us to rectify the problems. In order to that we introduce the paper on the title “SMART BUS TICKETING SYSTEM”. In the trendy world all are having smart phone so we create an app with GPS tracker, Notification, QR scanner. In the bus front door there was a motion sensor is used to detect number of persons and LED display show the counting. So that interface with microcontroller. In each row have a QR reader, the app will have a scanner in order to that we pay the amount using wallet. The app also interfaces with LCD using IOT for deducting person how many of them will pay the amount in which location point. The passenger will get an notification before reaching the destination point. In bus back door we have another motion sensor and with the use of sensor detect the human and door automatically open in the respective destination and appropriate passengers will depart from the bus this all function will shows in LCD with increment and decrement logic.

**Keywords:** App with QR scanner, GPS tracker, Notification system, controller, Motion sensor, LCD display, QR reader, Bar code scanner.



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