

ABSTRACT

Parking is a condition in which the vehicle is put in place that's been determined by the Manager or parking facilities are already provided by the building. Generally, the parking system which is often used in public places usually just use the ticket and the ticket within the specified parking location will be assigned. As for the other place that uses the services of parking their vehicles in order to secure parking. In the service of parking in General, the user is given the number of locations for parking and to find the location of parking, for the user, takes quite a long time because the user does not know the entire parking locations. The system will be planned, the user can find out the location of an empty parking. When the driver shall occupy a parking location, sensors automatically detect vehicles that will be parked and will display the location of the parking is already filled. The sensor also detects the vehicle if the vehicle will leave the parking location and will also be shown the location of the abandoned vehicle. With a system that will be proposed, three sensors will be tested with three different positions.

Keywords: Display, Arduino, Data communications, Gambas