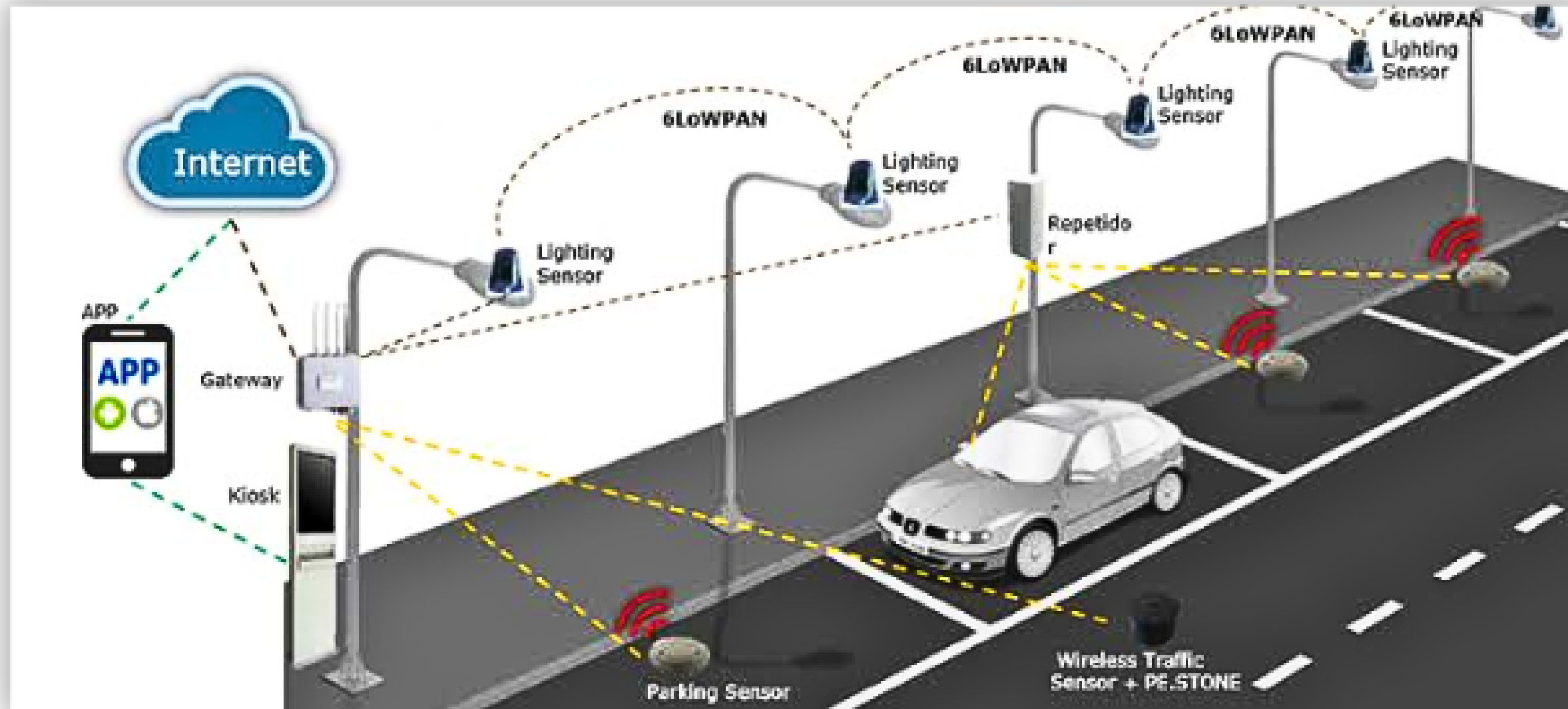# Smart Parking

Using Interest of Things

Description:

Its a project to help the vehicle drivers to find the empty place in parking area using IOT. Its a very easy method to find the free space in the parking area. And we can moniter whether there is free space for parking or not using Android app.

Components Used:

Ardino Uno

The Arduino provides a command to the IR sensor whenever a car is parked in a building.

IR Sensor

To determine the location of the parking space, IR sensors are used.

Servo Motor

Servo motor is user in the entrance of the parking to operate the gate of the parking system.

I2C LCD Module

To display the how many of the parking places are free. And count the vehicle is entered in the parking places.

Values

Very Accurate and Secure.

Sensors will accurately count the Vehicles and it will product the vehicles using AI cameras.

Used in wide area.

It will very useful in the some supermarkets and Big Malls.

Reduce Human Time.

It will do the work of watchmans in parking place so Humans time will saved in this.