

Smart Parking System

This is a system which, thanks to the Internet of Things and sensor technology, allows real-time data to be obtained about parking availability, both outside and inside, and regarding traffic conditions.

Implementing smart technology to facilitate this task will solve this problem, enhancing operational efficiency, simplifying the flow of traffic flow, and offering drivers a more enjoyable and time-saving experience. It also reduces the harmful effects of congestion since fewer cars are looking for open parking space

An IoT cloud-based system, on the other hand, allows these devices to be connected and the data to be centralized. The data are then analyzed using big data to calculate the availability of parking spaces. We will use Lora wan for this project to send data over the IOT to a mobile app.