

Smart parking solution using LoRaWAN technology

Tran Duc Hanh

Abstract: In the context of rapid urbanization and increasing vehicle density, parking lot management has become an urgent issue. This topic focuses on a smart parking solution using LoRaWAN technology to improve management efficiency and enhance user experience. Through research, the topic applies a combination of theoretical and experimental methods to develop an automated parking lot monitoring and navigation system. The expected result is to provide an effective solution for urban areas, reducing congestion and optimizing parking space utilization.

Keywords: Smart parking, LoRaWAN, parking management, urbanization, monitoring system