

Design of a smart parking lot model using IoT

Chu Hai Anh

Abstract: This topic focuses on designing a smart parking lot model based on Internet of Things (IoT) technology to address the shortage of parking spaces in urban areas. The research aims to build an effective monitoring and navigation system to reduce traffic congestion and optimize the use of parking space. Through theoretical research and practical application deployment, the topic affirms the high applicability of IoT systems in this field, while contributing to the development of smart technology in Vietnam.

Keywords: Smart parking lot, Internet of Things (IoT), parking lot monitoring, parking space optimization, intelligent traffic management