

Towards Internet of Things Smart Car Parking System.

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Abstract

In this letter a smart parking application based on Internet of things paradigm have been demonstrated. The application that uses PlacePod sensors, LoRaWan network and an Android mobile app is implemented at University car parking to deliver real-time services to drivers. The feasibility and soundness of the theoretical concept underpinning the developed parking app is demonstrated through a set of testing experiment. The approach further contributes to mining user's behavior when dealing with car parking, providing insights to urban planners and policy-makers to adapt their strategies accordingly by taking into account user's feedback and actions.

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