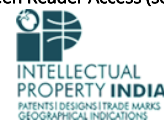




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Patent Search

Invention Title	CAPACITY PLANNING OF PARKING MANAGEMENT IN SMART CITIES THROUGH IOT AND COMPUTER NETWORK SYSTEM
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Abstract:

Parking is becoming an expensive resource in many cities as well as in the World and its limited availability is a causes of smart city traffic congestion. Intelligent Parking Assistance (IPA) with mobile apps which aims to overcome the current public parking management solutions through capacity planning techniques. Parking area is a complex system consisting of adequate system components and of their inter dependence prior to analyzing and planning of parking capacities. Recent technological development progress in Industrial Automation, wireless network, sensor communication along with widespread of high range smart devices and new rules concerning financial transaction in mobile payment allows the destination of new intelligent frame works that enables lead to convenient management of public parking in smart cities. The planning of parking area capacity is useful to determine whether there is a certain resulting in arrival of vehicle for parking area. Parking capacity planning is the technique is determining the parking capacity by cars, vans and trucks to meet changing demands.

Complete Specification

1. Capacity planning of parking system of smart city is accommodated 2000 motor cycles, 500 cars, 50 Trucks single Round Trip Time (RTT).
2. Capacity planning of parking system of smart city is connected with apps, & mobile payments using extensible messaging and presence protocol (XMPP) concern city adopted.

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