Abstract

The usage of vehicles is a symbol of status these days which is indirectly leading to the urbanization of the country. Following the increase in the traffic, search for parking has become major concern now days in the cities. Searching for a parking space is a global problem which is increasing exponentially. As the global population and the number of vehicles are increasing day by day the situation is getting worse. This paper will discuss how the new technologies can be used in planning the parking efficiently and how to make it interesting for the drivers with the help of gamification.

References

2. A reservation based parking system, Hongwei Wang* and Wenbo He† *Department of
Gamification Leads to Smart Parking

Computer Science & Engineering, University of Nebraska-Lincoln, NE, USA,

3. Challenges of implementing gamification for behavior change: lessons learned from the design of blues buddies, Valentina Rao. CMI’13 April 27 – May 27 2013 Paris, France


5. Innovative parking programs across U.S

6. Smart parking, by Aditya Basu, Happiest Minds Technologies PVT LTD.

7. Smart parking system using wireless sensor networks, Joseph Jeffrey, Roshan Gajanan Patil, Skanda Kumar Kaipu Narahari, Yogish Didagi, Jyotsna Bapat, Debabrata Das
International Institute of Information Technology, Bangalore, SENSORCOMM 2012: The Sixth International Conference on Sensor Technologies and Applications

8. Smart parking system with image processing facility, M.O. Reza, M.F. Ismail*, A.A. Rokoni, M.A.R. Sarkar Department of Mechanical Engineering, Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh.


Index Terms

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Keywords

Smart parking, gamification, parking demand.