Foreword and Editorial

International Journal of Internet of Things and its Applications (IJIoTA)

We are very happy to publish this issue of an International Journal of Internet of Things and its Applications by Global Vision Press.

This issue contains 2 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

The paper entitled "A Study on Intelligent Smart Home System in Internet of Things (IoT) Environment", author proposed a method to optimize the query using MJoin operator which is hash table-window based join operator in order to process stream data with fast and continuous characteristics collected in the sensor network of Internet of Things and efficiently manage stream data. And classified and reduced the data using the SVM algorithm. In order to recognize the situation of home system based on Internet of Things, classified the sensor data (temperature, humidity, gas) and date data into the decision tree and used the sensor data to set the device. It is expected that the efficiency and convenience of the system will be increased because it is more intelligent than the existing home system and the environment can be set according to the characteristics of the users.

In the paper "Attacks on Wireless Sensor Network: A Review", remote sensor systems have an arrangement of calculations and conventions with self-building up abilities. These sensors work with each other to detect some physical marvel after which the data accumulate is prepared to get pertinent results. These sensor hubs can figure, sense, and gather particulars from the climates and in light of some area choice process, they can transmit the detected records to the individual. The battery is the primary power supply in a sensor hub, and auxiliary power supply that harvests quality from the environments together with sunlight based boards might be included to the hub depending on the fittingness of the climates where the sensor will be diffuse. Bunching is the method which plays out the gathering of comparative hubs and after that begins imparting into the groups. Security can be accomplished by encoding and decoding the information and make them unfit to peruse that from the pernicious clients. Cryptography is the effective procedure which contains symmetric and Hilter kilter strategies. In this paper, we learn about WSN and its application or separate assaults which exist in the sensor paper we examine different existing strategy, and it is working. Different assaults are performed in this system, for example, inactive and dynamic assaults or insider and outcast assaults. The remotely arrange required continuously security as information respectability, secrecy, legitimacy and so forth.

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