Abstract

In this paper we have put forth a novel methodology to relay data obtained by inbuilt sensors of smart phones in real time to remote database followed by fetching of this data. Smart phones are becoming very common and they are laced with a number of sensors that can not only be used in native applications but their data values can also be sent to external nodes to be used by third parties for application and service development. In this paper we demonstrate our mechanism by relaying android accelerometer data followed by retrieving it.

References

- L. Ertoz, E. Eilertson, A. Lazarevic, P. Tan, J. Srivastava, V. Kumar, and P. Dokas,
Synchronous Relaying of Sensor Data


- Self Protection In Clustered Distributed System, Noel De Palma, Daniel Hagimont, Fabienne Boyer, and Laurent Broto, IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS, VOL. 23, NO. 2, FEBRUARY 2012
Synchronous Relaying of Sensor Data

- Description about PhoneGap Documentation http://docs.phonegap.com/en/3.4.0/index.html
- Description AJAX http://javascript.about.com/od/ajax/a/ajaxasyn.htm

Index Terms

Computer Science  Automated Systems

Keywords

PhoneGap  Ajax  UDP/TCP  Cordova.