Abstract

Technological advances in miniaturized devices, sensors and wireless networking have led increasingly to the integration of sensors and devices with users and physical environment, leading to ubiquitous computing systems. Ubiquitous computing (ubicomp) supports a widely networked infrastructure of a multitude of sensing and computing devices. It ensures that information is accessible everywhere and moves the interaction beyond the desktop and into the real world with a special attention to activities of everyday human life. Ubiquitous computing framework provides a structure and set of libraries to design and develop customized ubiquitous computing applications. In this paper a detailed survey of papers related to different approaches of Ubiquitous Computing Frame works and location sensing technologies is done.

References


8. https://www.cc.gatech.edu/fce/c2000/overview/


17. Xiaoguang Gu, Hongzhou Shi, Jian Ye, Zhenmin Zhu,“A Service Discovery Framework for Ubiquitous Computing”, Eighth International Conference on Parallel and Distributed
Ubiquitous Computing Frameworks and Location Sensing Technologies: A Survey

Computing, Applications and Technologies, DOI:10.1109/PDCAT.2007.69, Source:IEEE-Xplore, 175-176


20. Vinicius Bezerra ; Misael C. Junior ; Olga Valeria ; Constantino D. Neto ; Liliam Leal ; Marcus Lemos ; Nazim Agoulmin, Raimir Holanda,” An Energy-Efficient Context Management Framework for Ubiquitous Systems”, Published in: 2013 IEEE 10th International Conference on Ubiquitous Intelligence and Computing and 2013 IEEE 10th International Conference on Autonomic and Trusted Computing


25. Weifeng Lv, Fei Wang, Yuan Zhang, Tongyu Zhu,” A Distributed Location Based Service Framework of Ubiquitous Computing”, 2010 First International Conference on Networking and Distributed Computing, DOI 10.1109/ICNDC.2010.1


Index Terms

Computer Science

Circuits and Systems
Keywords

Ubiquitous Computing Framework, Location Sensing Technologies, Location Detection.