Ubiquitous Computing Frameworks and Location Sensing Technologies: A Survey

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.

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Index Terms

Computer Science
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Keywords

Ubiquitous Computing Framework, Location Sensing Technologies, Location Detection.