

# Context Awareness for Smart Spaces

## Abstract

Recent studies have shown that half of all computer-based systems and services fail due to the user resistance. The main reason is that users were asked to significantly alter traditional workflow patterns to accommodate the system, rather than the system accommodating the users. *Context Awareness* represents the main key for a successful user's acceptance thanks of the consideration of the user's environment, preferences, capabilities and the characteristics of the used content/service. The context awareness principles can be applied in any kind of research about any system or architecture that provides a content/service to the end user. This talk discusses the context awareness principles, related issues and solutions regarding smart spaces and presents two use cases: smart digital homes and smart e-Health spaces.

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