

Knowledge-oriented Approach to Requirements Engineering in Ambient-Assisted Living Domain

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Abstract. This paper sketches HBMS(Human Behavior Monitoring and Support), an Ambient Assisted Living (AAL) approach deriving cognitive behavioral models from individual behavioral processes and using this knowledge “learned” to compensate individual memory gaps. In the context of HBMS individual behavioral processes represent the requirements to customize an individual assistive system.

Key words: ambient-assisted living, requirements engineering, knowledge, behavior modeling

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